

<u>Item</u>	<u>Qty</u>	<u>Description</u>
1	1	<p>SCPSE-12-144132-F5-K3-Y4-Y6</p> <p>15KV, 95KV BIL, Dead-Front, Air-Insulated, SCADA Controlled, Pad-mounted Switchgear with one (1) 3-pole 600 amp group operated Auto-jet switch arranged with 600-amp bushings for connection of 600-amp dead-break elbows (not included) and with a run-and-trip switch operator and three (3) 3-phase set(s) of fuse mountings with 200-amp bushing wells to accommodate load-break inserts and elbows (not included) and accommodating the DBU or SMU-20 fuses.</p> <p>Included are:</p> <p>F5 - Coal tar undercoating on base of unit</p> <p>K3 - Key interlocks to prevent opening fuse access doors until the switch is locked open</p> <p>1 - Switch operator and control enclosure with provisions for mounting of user-supplied RTU, communications device, etc. in a low-voltage compartment</p> <p>Y4 – Supervisory control provisions shall be provided to permit switch operation from a remote location</p> <p>Y6 – Remote indication provisions shall be provided to permit remote monitoring of the presence or absence of source voltage and the operating mode - local/remote</p> <p>9 - FP Fuse end fittings</p> <p>9 - DBU Fuse units (spares not included)</p>

**ALTERNATE**

<u>Item</u>	<u>Qty</u>	<u>Description</u>
1A	1	<p>SCPSE-12-144132-F4-F5-K3-Y4-Y6</p> <p>15KV, 95KV BIL, Dead-Front, Air-Insulated, SCADA Controlled, Pad-mounted Switchgear with one (1) 3-pole 600 amp group operated Auto-jet switch arranged with 600-amp bushings for connection of 600-amp dead-break elbows (not included) and with a run-and-trip switch operator and three (3) 3-phase set(s) of fuse mountings with 200-amp bushing wells to accommodate load-break inserts and elbows (not included) and accommodating the DBU or SMU-20 fuses.</p> <p>Included are:</p> <p><b>F4 - Type 304 stainless-steel cabinet (enclosure, doors and roof only)</b></p> <p>F5 - Coal tar undercoating on base of unit</p> <p>K3 - Key interlocks to prevent opening fuse access doors until the switch is locked open</p> <p>1 - Switch operator and control enclosure with provisions for mounting of user-supplied RTU, communications device, etc. in a low-voltage compartment (control enclosure shall be constructed of aluminum)</p> <p>Y4 – Supervisory control provisions shall be provided to permit switch operation from a remote location</p> <p>Y6 – Remote indication provisions shall be provided to permit remote monitoring of the presence or absence of source voltage and the operating mode - local/remote</p> <p>9 - FP Fuse end fittings</p> <p>9 - DBU Fuse units (spares not included)</p> <p><b>Control power – by others</b></p>

- Notes:
1. Fuse information (size & speed) must be available either at time of order entry or in time to receive the fuses at FP prior to pad-mount shipment.
  3. It is an OSHA requirement that the following information **must be** provided on switchgear the requires the use of key interlocks - ultimate user and location of the gear including the city and the state. Any delay in FP receiving this information will delay shipment.

Notes – Continued:

4. Federal Pacific Pad-mount Switchgear is designed for use only by qualified personnel trained to operate medium voltage (2.4KV 0 34.5KV) switchgear. Users other than electric utilities are required to use key interlocking devices as applicable. Should non-utility users elect not to use key interlocks, the End User will be required to have a authorized official sign a letter, provided by Federal Pacific, which states, **“End User represents that only personnel trained and experienced on a level equivalent to an Utility journeyman lineman will have access to this equipment for installation and maintenance, and (2) th**
2. RTU and communications package – by others.
3. 120V power supply – by others.
4. The switch-operator control enclosure will house an RTU (not included) with a maximum footprint of 12” x 16”. Contact factory if RTU is larger than these maximum dimensions.
5. The control enclosure housing the switch operator shall be housed in an aluminum enclosure.
6. Elbows and inserts are not included as part of our proposal.