

Detail Bill of Material

Project Name: Juneau - IFS
General Order No:

Negotiation No: AXG11001G201
Alternate No: 0000

Item No.	Qty	Product	Description	Unit	Quote Price	Extended Quote
	1	Automatic Transfer Switches	Quote Date: 2/25/2014		\$	\$

Product Family: Wall Mount
Switch Type: Automatic Molded Case Switch 30A thru 1000A
480/277v, 60hz, 3 Phase, 4 Wire, 3 poles
Transition Mode: Open
Controller Type: ATC-600
Continuous Current: 600 Amps
Withstand: 65 KA
Normal Source Terminals: (2) #1-500 CU/AL
Emergency Source Terminals: (2) #1-500 CU/AL
Load Side Terminals: (2) #1-500 CU/AL
Neutral Terminals: (6) 4/0-500 CU/AL

Standard Features: 1a, 2a, 3a, 4a, 5j, 5k, 6b, 7a, 8c, 8d, 10b, 10d, 12c, 12d, 12g, 12h, 14c, 14d, 15e, 15f, 23j, 26d, 26j, 26k, 32a, 36, 49c,
Optional Features: 12l, 12m, 16b, 18el, 34c, 37a,
Shipping State: AK
Estimated Freight Charge: \$77 each, El Paso, TX to AK

Catalog No ATVIMDB30600XKU
Designation 02-28-14

- Qty List of Materials**
- 1 ATVIMD 3 Poles 600 Amps
 - 1 22. Ground Bus with Lug Provisions
 - 1 AT No Enclosure
 - 1 16b. Power Switch Overcurrent Protection Both Normal & Emergency
 - 2 None **
 - 1 18el. PXM2270MA65105 w/Display, 5A 90-265V AC/DC, on Load Line
 - 1 Slot 1 - No Option
 - 1 Slot 2 - Gateway Card
 - 1 1a. Time Delay Normal to Emergency Adj. 0-1800 sec
 - 1 2a. Time Delay Engine Start Adj. 0-120 sec
 - 1 3a. Time Delay Emergency to Normal Adj. 0-1800 sec
 - 1 4a. Time Delay Engine Cool-off Adj. 0-1800 sec
 - 1 5j. Emergency (S2) Sensing Under Voltage/Under Freq
 - 1 5k. Emergency (S2) Sensing Over Voltage/Over Freq
 - 1 6b. Test Pushbutton
 - 1 7a. Time Delay Engine Fail Adj. 0-6 sec
 - 1 8c. Time Delay Bypass Emergency to Normal
 - 1 8d. Time Delay Bypass Normal to Emergency
 - 1 10b. Source Selector - Utility to Utility or Utility to Gen
 - 1 10d. Source Selector - Generator to Generator
 - 1 12c. LED Indicator Normal Position
 - 1 12d. LED Indicator Light Emergency Position
 - 1 12g. LED Indicator Normal Source Available
 - 1 12h. LED Indicator Emergency Source Available
 - 1 14c. Normal (S1) Source Available (4 Form C)
 - 1 14d. Emergency (S2) Source Available (4 Form C)
 - 1 15e. Normal (S1) Position Indication (1 Form C)
 - 1 15f. Emergency (S2) Position Indication (1 Form C)
 - 1 23j. Auto Plant Exerciser Timer Select Load /No Load w/Fail Safe
 - 1 26d. Go To Source 2

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- 1 26j. Normal (S1) Sensing Under-voltage/Under-frequency
 - 1 26k. Normal (S1) Sensing Over-voltage/Over-frequency
 - 1 32a. Time Delay Neutral Adjustable 0 - 120 seconds
 - 1 34c. Logic Extender Cable 96"
 - 1 36. Emergency Load Shed from Remote
 - 1 49c. Multi-Tap Transformer
 - 1 37a. Rated as Suitable for Service Entrance w/o Ground Fault

Item No.	Qty	Product	Description	Unit	Quote Price	Extended Quote
	1	Switchboards	IFS Switchboard , Front Access/ Front and Rear Align, Type 1 480Y/277V 3-Phase 4-Wire, 600 Copper, Minimum Interrupt Rating: 35kA, Bus Bracing Rating: 65kA		\$	\$

Designation 02-28-14

- Qty List of Materials**
- 1 IFS Switchboard
 - 1 Service Entrance Label
 - 1 Seismic Freestanding Label (IBC/CBC Seismic Qualified)
 - 1 PXM4000 with Comm Card
 - 1 600 Amp CU Main Structure
 - 1 600A Utility Metering - EUSERC (EUSERC)
 - 1 Horizontal Isol. Barrier (Service Entrance)
 - 1 IFS Integration Structure
 - 1 600 Amp CU Distribution Structure
 - 1 600 Amp CT's only (3) wired to shorting block (Revenue Grade)
 - 10 Thermal Mag Trip - Standard
 - 1 400A 3P [KD 400A Frame], Trip 400 A, Thermal Mag, (1) 2/0-500
kcmil, Mechanical
 - 1 100A 3P [FD 225A Frame], Trip 100 A, Thermal Mag, (1) #14-1/0,
Mechanical
 - 3 125A 3P [FD 225A Frame], Trip 125 A, Thermal Mag, (1) #4-4/0,
Mechanical
 - 2 225A 3P [FD 225A Frame], Trip 225 A, Thermal Mag, (1) #4-4/0,
Mechanical
 - 2 50A 3P [FD 225A Frame], Trip 50 A, Thermal Mag, (1) #14-1/0,
Mechanical
 - 1 70A 3P [FD 225A Frame], Trip 70 A, Thermal Mag, (1) #14-1/0,
Mechanical
 - 7 3P [FD 225A Frame] Provision
 - 1 3P [KD 400A Frame] Provision

Total Price: \$