



EFTA01112767

Munro Distributing Co., Inc.
 115 North Seventh Street
 Fall River MA 02720

Fax

**** INVOICE ****

INVOICE DATE	INVOICE NUMBER
05/23/12	S2182765.005
REMIT TO:	PAGE NO.
Munro Distributing Co., P.O. Box 468 115 No Seventh Street Fall River MA 02722	1

BILL TO:
 LSJ LLC
 06100 RED HOOK QTRS, STE B3
 01ST THOMAS, VI 00802-1348

SHIP TO:
 Tropical Shipping
 9505 Northwest 108th Ave
 Medley, FL 33178

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	TRACKING #		
7731	LITTLE ST. JAMES				
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
PROJOH	COD	Cash On Delive	05/23/12	05/23/12	
DESCRIPTION	ORDER QTY	SHIP QTY	Net Pric	Ext Pric	
LOT PRICE COOPER POWER SYSTEMS	1	1	41420.000	41420.00	
This Lot Shipment Consists of: Shp Qty Description ----- 1 kVA 1500 kVA 3 Phase Pad-Mounted Transformer Temperature Rise 65 degree average winding rise Cooling Class KNAN Frequency 60 Hz. Insulating fluid Envirotemp FR3 Elevation Designed for operation at 1000 m (3300 ft) above sea level Sound Level NEMA TR1 Standard Efficiency Standard DOE 2010, 10 CFR Part 431 Primary Voltage 13800GY/7970 BIL 95 kV kV Class 15 kV Primary Configuration Dead Front Primary Configuration Loop Feed Taps 2 - 2.5% taps above and 2 - 2.5% taps below nominal Tap Changer 100 Amp 5-position tap changer Primary Bushings 200 amp Cooper bushing well(s) (Qty: 6) Inserts 15					
*** Continued on Next Page ***					

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 LSJ LLC
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 Tropical Shipping
 9505 Northwest 108th Ave
 Medley, FL 33178

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	TRACKING #		
7731	LITTLE ST. JAMES				
UNIT	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
PROJOH	COD	Cash On Delive	05/23/12	05/23/12	
DESCRIPTION	ORDER QTY	SHIP QTY	NET PPS	EXT PPS	
kV, 95 kV BIL Cooper load-break inserts (Qty: 3) Feed-through inserts 15 kV, 95 kV BIL Cooper feed-through inserts (Qty: 3) Load-break Switching 630A four position T-blade switch Primary Arrester Varistar elbow arresters, 15 kV class, 10 kV (Qty: 3) Overcurrent Protection Bayonet fuse in series with Partial-Range Current-Limiting Fuses (Qty: 3) Expulsion fuses Bayonet fuses, High Amp (Qty: 3) Bayonet Holder Silver-Plated Holder (Qty: 3) Secondary Voltage 480Y/277 BIL 30 kV Secondary kV Class 1.2 kV Secondary Bushings Integral aluminum 6-hole spade bushing(s) (Qty: 4) Cabinet 24in deep cabinet Cabinet hardware Penta-head cabinet door bolts ANSI K-Dimension Loop feed per ANSI C57.12.34 Figure 2 minimum dimensions Coatings Munsell					

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INVOICE DATE	INVOICE NUMBER
05/23/12	S2182765.005
REMIT TO:	PAGE NO.
Munro Distributing Co., P.O. Box 460 115 No Seventh Street Fall River MA 02720	3

BILL TO:
 LSJ LLC
 06100 RED HOOK QTRS, STE B3
 0ST THOMAS, VI 00802-1348

SHIP TO:
 Tropical Shipping
 9505 Northwest 108th Ave
 Medley, FL 33178

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	TRACKING #		
7731	LITTLE ST. JAMES				
PROJECT	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
PROJOH	COD	Cash On Delive	05/23/12	05/23/12	
DESCRIPTION	ORDER QTY	SHIP QTY	Net Prc	Exc Prc	
Green (Munsell 7GY 3.29/1.5) topcoat Construction 100% Stainless steel construction Stainless Steel Type 304L Stainless Steel Corrosion-proof hardware Corrosion-proof bushing clamps and hardware Corrosion-proof hardware Corrosion-proof cover hardware Gauges & Fittings Liquid level gauge Item Number: 00001 Gauges & Fittings Thermometer, dial-type Gauges & Fittings Pressure/vacuum gauge Gauges & Fittings Schrader valve Gauges & Fittings Pressure relief device, 50 SCFM Gauges & Fittings Drain valve with sampler in LV Compartment (1") Tank accessories IEEE standard two-hole ground pads (Qty: 3) Tank accessories Nitrogen Blanket Packaging Pallet Cover Bolted cover with handhole					

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Munro Distributing Co., Inc.
 115 North Seventh Street
 Fall River MA 02720
 [REDACTED] Fax [REDACTED]

**** INVOICE ****

INVOICE DATE	INVOICE NUMBER
05/23/12	S2182765.005
REMIT TO:	PAGE NO
Munro Distributing Co., P.O. Box 160 115 No Seventh Street Fall River MA 02722	4

BILL TO:
 LSJ LLC
 06100 RED HOOK QTRS, STE B3
 1ST THOMAS, VI 00802-1348

SHIP TO:
 Tropical Shipping
 9505 Northwest 108th Ave
 Medley, FL 33178

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	TRACKING #		
7731	LITTLE ST. JAMES				
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
PROJOH	COD	Cash On Delive	05/23/12	05/23/12	
DESCRIPTION	ORDER QTY	SHIP QTY	Net Prc	Exc Prc	
<p>Unpaid balances that are turned over to collections are subject to an additional 25% legal fees.</p>					
Total Amount Due:				41420.00	

Invoice is due by 05/23/12.

All claims for shortage or errors must be made at once, returns require written authorization and are subject to handling charges. Special orders are non-returnable. Past due invoices may be subject to 1.5% late charge.

Item Details

Item Number: 00001

Customer RFQ Information: Email, Dated: 11/2/2011

Outline Drawing Title: P0CTUKK2

Lead-time (Per Lead-time definition in Proposal Details):

Product Lead-time (X): 9-11 weeks ex-factory

Optional Approval Drawing Lead-time (Y): 3-4 weeks plus time for customer review.

Description:

kVA	1500 kVA 3 Phase Pad-Mounted Transformer
Temperature Rise	65 degree average winding rise
Cooling Class	KNAN
Frequency	60 Hz.
Insulating fluid	Envirotemp FR3
Elevation	Designed for operation at 1000 m (3300 ft) above sea level
Sound Level	NEMA TR1 Standard
Efficiency Standard	DOE 2010, 10 CFR Part 431
Primary Voltage	13800GY/7970
BIL	95 kV
kV Class	15 kV
Primary Configuration	Dead Front
Primary Configuration	Loop Feed
Taps	2 - 2.5% taps above and 2 - 2.5% taps below nominal
Tap Changer	100 Amp 5-position tap changer
Primary Bushings	200 amp Cooper bushing well(s) (Qty: 6)
Inserts	15 kV, 95 kV BIL Cooper load-break inserts (Qty: 3)
Feed-through inserts	15 kV, 95 kV BIL Cooper feed-through inserts (Qty: 3)
Load-break Switching	630A four position T-blade switch
Primary Arrester	Varistar elbow arresters, 15 kV class, 10 kV (Qty: 3)
Overcurrent Protection	Bayonet fuse in series with Partial-Range Current-Limiting Fuses (Qty: 3)
Expulsion fuses	Bayonet fuses, High Amp (Qty: 3)
Bayonet Holder	Silver-Plated Holder (Qty: 3)
Secondary Voltage	480Y/277
BIL	30 kV
Secondary kV Class	1.2 kV
Secondary Bushings	Integral aluminum 6-hole spade bushing(s) (Qty: 4)
Cabinet	24in deep cabinet
Cabinet hardware	Penta-head cabinet door bolts
ANSI K-Dimension	Loop feed per ANSI C57.12.34 Figure 2 minimum dimensions
Coatings	Munsell Green (Munsell 7GY 3.29/1.5) topcoat
Construction	100% Stainless steel construction
Stainless Steel Type	304L Stainless Steel
Corrosion-proof hardware	Corrosion-proof bushing clamps and hardware
Corrosion-proof hardware	Corrosion-proof cover hardware
Gauges & Fittings	Liquid level gauge

17 Main Street Hopkinton, MA 01748

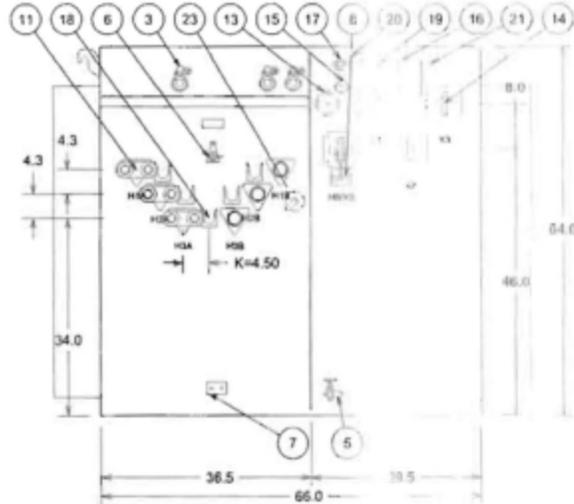
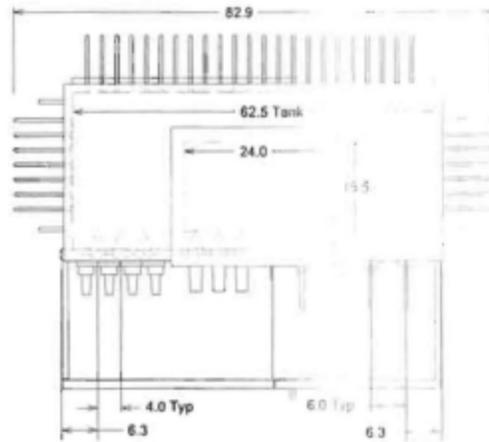
Phone: [REDACTED] Fax: [REDACTED] E-Mail: [REDACTED]

Item Number: 00001

Gauges & Fittings	Thermometer, dial-type
Gauges & Fittings	Pressure/vacuum gauge
Gauges & Fittings	Schrader valve
Gauges & Fittings	Pressure relief device, 50 SCFM
Gauges & Fittings	Drain valve with sampler in LV Compartment (1")
Tank accessories	IEEE standard two-hole ground pads (Qty: 3)
Tank accessories	Nitrogen Blanket
Packaging	Pallet
Cover	Bolted cover with handhole

PERFORMANCE DATA:	
Design Impedance	5.43
Fluid Weight (lbs)	2783
Total Weight (lbs)	10009
Fluid Volume (Gallons)	362
Primary Conductor Material	Aluminum
Secondary Conductor Material	Aluminum

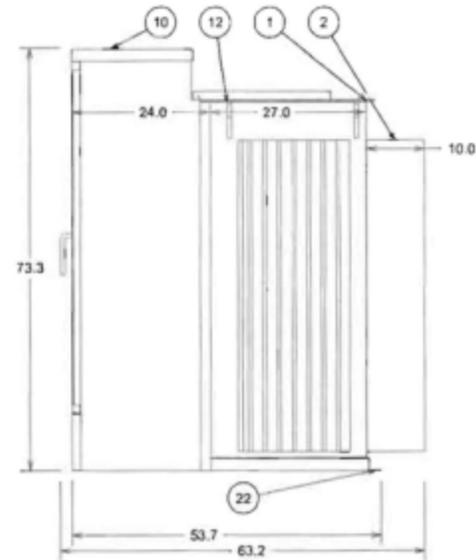
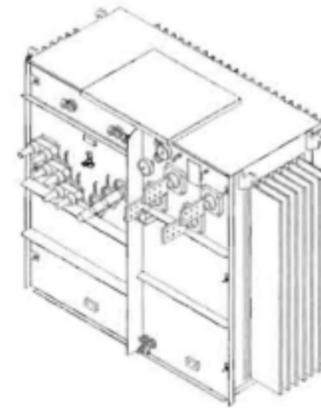
ITE	DESCRIPTION
1	Bolted Cover w/ Handhole w/ Nutguard
2	Cooling Corrugate
3	Cooper Bayonet Fusing w/ Dripshield
4	Current Limiting Backup Fuse (Internal)
5	Drain Valve with Sampler
6	Four Position Loadbreak Switch
7	Ground Pad 50-13 Tap
8	Ground Strap and Pad
9	10.0kV Elbow Arrester (boxed)
10	High Security Stainless Steel Cabinet w/ Pentahead Door Bolts
11	35kV 200 Amp HV Bushing Well w/ 15kV Feedthru (A Side) & 15kV Insert (B Side)
12	Lifting Lugs
13	Liquid Temperature Gauge
14	1 2kV LV Bushing w/6 Hole Spade
15	Magnetic Oil Level Gauge
16	Nameplate
17	One Inch Upper Press. Conn. and Fill Plug
18	Parking Stand
19	Pressure Relief Valve
20	Pressure Vacuum Gauge
21	Schrader Valve
22	Tank Base w/ Jacking and Rolling Facilities
23	Tap Changer



3PH Padmount Transformer 60Hz
 1500.0 kVA KNAN 65 AWR FR3
 HV 13800GY/7970 95 BIL
 LV 480Y/277 30 BIL
 5.43 %Z
 Approximate Weight 10110 lbs.
 Maximum Pad Opening 21.0 X 63.0
 Munsell Green Topcoat
 Stainless Steel Construction

Cabinet Removed

POCTUKK2
 REVISIONS



MATERIAL:
 ALL DIMENSIONS ARE IN INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED
 ONE PLACE DECIMAL +/- .1
 TWO PLACE DECIMAL +/- .06
 THREE PLACE DECIMAL +/- .030
 * CRITICAL DIMENSION ANGULAR +/- 2 DEG
 THIS DRAWING HAS BEEN GENERATED FROM A 3D MODEL
 [CONFIDENTIAL] MUST NOT BE USED IN ANY WAY DETRIMENTAL TO COOPER POWER SYSTEMS

COOPER Power Systems
 TITLE: Distribution Transformer Outline Drawing
 SUB: Three-Phase Pad-mounted Compartmental Type

DWG: 30GGR	DATE: 11/3/2011	REF: P30 V03R00M05	SHEET # 1	DESIGN # 1	REV: 00
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POCTUKK2