October 11, 2024

Mr. Steve Cassulo Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384

Subject: Response to South Coast Air Quality Management Stipulated Order for Abatement in

Case No. 6177-4 Condition 66(a)(iii)

Chiquita Canyon Landfill, Castaic, California

Dear Mr. Cassulo.

On behalf of Chiquita Canyon, LLC (Chiquita), SCS Engineers (SCS) hereby submits this letter in response to Condition No. 66(a)(iii) in the Stipulated Order for Abatement in Case No. 6177-4 (SOFA) with the South Coast Air Quality Management District (South Coast AQMD). Condition No. 66(a)(iii) states:

iii. Respondent shall contact at least three reputable vendors/manufacturers/distributors for each of the systems, devices, and components that have identified issues/concerns as described by Condition No. 66(a)(ii) requesting and facilitating in obtaining proposed solutions and recommendations for each of the identified issues/concerns. Documented correspondence of the results of this communication shall be submitted to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)] by no later than, October 11, 2024.

Based on the Reaction Committee's recommendations and issues identified in the April 19, 2024 submission to the South Coast AQMD titled "LFG Wellfield Automated Remote Monitoring Plan", Chiquita's September 17, 2024 submission to the South Coast AQMD titled "Response to the South Coast Air Quality Management Stipulated Order for Abatement in Case No. 6177-4 Condition 66(a)(ii)", and upon further analysis, SCS implemented the initial pilot program for the six (6) wells to evaluate the feasibility of the remote monitoring system.

The original design for the six (6) pilot remotely monitored landfill gas wells to meet the original SOFA requirements included the following key system components:

- Component 1: three (3) down-well thermocouples to measure temperature at varying depths;
- Component 2: one (1) down-well level transducer to measure liquid level within the well;
- Component 3: one (1) top-mounted pressure transducer to measure vacuum applied to the wellhead;
- Component 4: one (1) industrial cellular IIoT device to gather data from the sensors and transmit
  it to SCS' cloud-based Supervisory Control and Data Acquisition system for remote monitoring,
  alarming, and reporting;
- Component 5: two (2) remote input cards to gather data from the sensors and transmit it to the IIoT device; and



• Component 6: one (1) solar power system to source 12-VDC for the sensors and IIoT device

We contacted reputable vendors/manufacturers/distributors for each of the systems, devices, and components that have identified issues/concerns, in accordance with Condition No. 66(a)(ii). We sent them a request for quotation that included specifications for them to evaluate and either present a compatible component or propose alternatives if they could not meet the requested specifications. We requested a quantity of 240 units for each item to evaluate the equipment lead times for the large potential quantity for the reaction area wells. Documentation of our correspondence is provided in the attachments, along with received quotations and/or responses from vendors/manufacturers/distributors. See Attachment A (Component 1); Attachment B (Component 2); Attachment C (Component 3); Attachment D (Component 4); Attachment E (Component 5); Attachment F (Component 6).

Please note that some vendors/manufacturers/distributors did not respond or were unable to meet the specifications.

If you have any questions regarding the information contained in this submittal, please contact the undersigned.

Sincerely,

Sam Dean

Senior Project Manager, SCS RMC

**SCS Engineers** 

**David Hostetter** 

Business Manager, SCS RMC

Dans Harra

SCS Engineers

CC:

Nicole Ward, Chiquita Canyon, LLC Amanda Froman, Chiquita Canyon, LLC Baitong Chen, South Coast AQMD Nathaniel Dickel, South Coast AQMD Christina Ojeda, South Coast AQMD

**ATTACHMENTS** 

# ATTACHMENT A (COMPONENT #1) - DOWN-WELL THERMOCOUPLES

- Requests for Quotations and Vendor/Manufacturer/Distributor Quotes and Responses
  - o Chicago Electrical Labs
  - o ReoTemp
  - Ives Equipment

Chicago Electrical Labs

# Dean, Samuel

From: Dean, Samuel

Sent: Monday, September 30, 2024 4:39 PM

To: Jim Reinsel
Cc: Hostetter, David
Subject: Request for Proposal

Attachments: LF Well Monitoring Item #1 RFP.pdf

**Importance:** High

Hi Jim,

I hope this finds you well. We are requesting a quote per the attached specification to source a large quantity of sensors for a project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Wednesday, October 2.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean Senior Project Manager SCS RMC

www.scsengineers.com

# Dean, Samuel

**From:** Jim Reinsel

Sent: Thursday, October 3, 2024 1:50 PM

**To:** Dean, Samuel **Subject:** RE: Quote

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hey Sam!

We're looking at 7 weeks ARO. May be able to shave a little off of that but that's a pretty good estimate.

Thanks,

Jim

From: Dean, Samuel

Sent: Wednesday, October 2, 2024 5:47 PM

To: Jim Reinsel

Subject: RE: Quote

Hi Jim,

No, we do not have a specified date for this. We need to evaluate the cost and lead times for a project this scale for the client. I would provide a lead time that you feel is achievable.

Thanks,

Sam Dean

Senior Project Manager

**SCS RMC** 

# www.scsengineers.com

From: Jim Reinsel

Sent: Wednesday, October 2, 2024 5:38 PM

To: Dean, Samuel

Subject: Re: Quote

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Do you have a required time frame?

Get Outlook for iOS

From: Dean, Samuel

Sent: Wednesday, October 2, 2024 4:49:35 PM

**To:** Jim Reinsel **Subject:** RE: Quote

Hi Jim,

Thank you. Can you provide a lead time for these?

Sam Dean Senior Project Manager SCS RMC

# www.scsengineers.com

From: Jim Reinsel

Sent: Tuesday, October 1, 2024 1:35 PM

To: Dean, Samuel

Subject: Quote

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon!

Here you go.

Your bill to address is probably correct.

The ship to can be changed to whatever you want.

Thanks,

Jim

From: Dean, Samuel

Sent: Tuesday, October 1, 2024 10:21 AM

To: Jim Reinsel

Subject: RE: Instrumentation information

Hi Jim,

No this is the same exact application at a landfill. I couldn't include details due to confidentiality. These should be the same sensors that you have previously sourced for us.

Sam Dean Senior Project Manager SCS RMC



From: Jim Reinsel

Sent: Tuesday, October 1, 2024 9:59 AM

To: Dean, Samuel

Subject: RE: Instrumentation information

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

On another note:

I'm assuming the application of these thermocouples (down-well) is different than landfill monitoring?

If so, which application do you folks work on more?

Just curious.

Thanks,

Jim

From: Dean, Samuel

Sent: Tuesday, October 1, 2024 9:27 AM
To: Jim Reinsel

Subject: RE: Instrumentation information

Thanks Jim. I'll take a look at these. Sorry I didn't get back to you yet.

Sam Dean

Senior Project Manager

SCS RMC

# www.scsengineers.com

From: Jim Reinsel

Sent: Tuesday, October 1, 2024 8:47 AM

To: Dean, Samuel

**Subject:** Instrumentation information

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning sir,

Hey, you never know.

We make and sell strain gauges as just one example.

Take a look and if you reply back with details we'll work on it for you.

https://clevelandelectriclabs.com/products-services/instrumentation/ https://clevelandelectriclabs.com/products-services/machining-services/ https://clevelandelectriclabs.com/products-services/additional-services/

Thanks!

Jim

External External External

External



SCS ENGINEERS ACCTS PAYABLE

Cleveland Electric Labs 1776 Enterprise Parkway Twinsburg, OH 44087

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**Bill To:** 102858

EMAIL INVOICES TO: 01SWACCOUNTSPAYABLE@SCSENGINEERS.COM 3900 KILROY AIRPORT WAY SUITE 100 LONG BEACH, CA 90806

Quot	ation: 213674
Contact:	Sam Dean
P:	
E:	

Ship To:

CHIQUITA CANYON LANDFILL 29201 HENRY MAYO DR VALENCIA, CA 91384

# Order Note:

Terms	Ship Via	Shipping Expense	Sales Person	Quoted By
Net 30	Offline - FedEx - Freight		Jim Reinsel	Jim Reinsel
	FOB Twinsburg, OH		Jilli neilisei	Jim Reinsei

10/01/2024 **Lead Time:** 

 Line
 Unit of No.
 Extended Measure

 1
 MGO-K-3-4-U-480-5-060-E-00-05-0
 240
 EA

THERMOCOUPLE, MGO - UNGROUNDED JUNCTION, 480", FEP INSULATED STD TEMP TRANS (400 DEG F), 060", SS ADJ COMP FTG - 1/8" NPT, PLUG & JACK

T/C Type: K Sheath: 316SS

Sheath/PT Diameter: MgO - .125 (1/8)

Blue: Yes

Tag Logo: CEL Logo
Tagging: STANDARD
Serialization: None

2 MGO-K-3-4-U-960-5-060-E-00-05-0 240 EA

THERMOCOUPLE, MGO - UNGROUNDED JUNCTION, 960", FEP INSULATED STD TEMP TRANS (400 DEG F), 060", SS ADJ COMP FTG -

1/8" NPT, PLUG & JACK

T/C Type: K Sheath: 316SS

Sheath/PT Diameter: MgO - .125 (1/8)

Blue: Yes

Tag Logo: CEL Logo Tagging: STANDARD Serialization: None

3 MGO-K-3-4-U-XXX-5-060-E-00-05-0 SCS (1440") 240

EΑ

Line Unit of Extended No. Qty Unit Price Measure Price

THERMOCOUPLE, MGO - UNGROUNDED JUNCTION, XXX, FEP INSULATED STD TEMP TRANS (400 DEG F), 060", SS ADJ COMP FTG - 1/8" NPT, PLUG & JACK

Additional Description: XXX=120' (1440")

T/C Type: K Sheath: 316SS

Sheath/PT Diameter: MgO - .125 (1/8)

Blue: Yes

Tag Logo: CEL Logo
Tagging: STANDARD
Serialization: None

Total

Thank you for the opportunity to quote. If you have any questions, please contact the 'Quoted By' person referenced above. Please also reference our QUOTATION NUMBER on your purchase order.

Quote valid for 30 days. Products containing Platinum and/or Rhodium are subject to change. Please confirm current pricing at time of order. Due to Nickel price volatility, items may be adjusted at time of order and/or line-item surcharge applied, as necessary. Freight charges and taxes are not included in quote price. Stated lead time does not include transit and is subject to material availability at time of order. Spools of wire are shipped +/- 10% of order quantity. Any changes in quantity or item deletions may require new quotation. Any typographical errors are not binding.

Cleveland Electric Laboratories provides statements of compliance by applying a simple acceptance decision rule as defined in ILAC G8.09/2019. In applying this decision rule, the TUR (test uncertainty ratio) shall be equal to or greater than 1:1 and equal to or greater than 4:1 whenever practicable. Cleveland Electric Laboratories' default decision rule results in a worst-case estimated probability of false accept (PFA) of < 50%. If you require an alternate decision rule, please contact Cleveland Electric Laboratories with your request. Note: customer decision rules may result in a cost alteration to your calibration services.

# ReoTemp

From: <u>Sedillo, Dana</u>

To:

Cc: <u>Dean, Samuel; Hostetter, David</u>

**Subject:** Request for Quote

Date: Friday, October 4, 2024 12:19:00 PM
Attachments: LF Well Monitoring Item #1 RFP.pdf

Hi Nate,

We are requesting a quote per the attached specification to source a large quantity of sensors for a potential project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Tuesday, October 8.

Thanks and let me know if you have any questions.

Thank You,

Dana Sedillo Project Coordinator SCS RMC

**Driven by Client Success** 

www.scsengineers.com



**Configurators** ~ Markets ~ Contact ~ Products ~ Resources ~

MyReotemp

Home / MyREOTEMP / Quote



Nathan **OConnor** 

Hi Dana, please review the quote I prepared for you below and respond at your earliest convenience. Use the contact sales button below to send me a message, if you have any questions or changes needed. - Nate

# Edit Quote

Do you want to change quantities or add a different item?

# **☑** Contact Sales

Click here to message your sales person for any changes needed.

# ■ Send Purchase Request

Look good? Click here to let us know to get your order started.



**Export Excel** 

# **REOTEMP**

# **Quote 173027.1**

10/07/24

**SCS** Engineering To: Dana Sedillo



PA. United States

Nate OConnor By:



Validity
Expires on
12/06/2024

Lead	Paymen
Time	Terms
10 Weeks	Net 30

Freight Terms	Shipment Location
Ex Works,	California
Factory	



Down-Well Thermocouple: 40ft

Products v Configurators v Markets v Resources v Contact v

Connection: Plain Stem

Stem Option: With 1/8" NPT SS Compression Fitting. Q="Adjustable with Teflon

ferrule" Loose on Stem

Sensor: Single Type K Ungrounded Junction Stem: 1/8" dia. 316SS Stem length= 480" (40ft)

Transition: Std. Transition

Leads: 2 ea Teflon insulated Solid leads T1 - 60in.

Terminated w/ Male Std Size Plug with Mating Female Connector

Certificate of Temperature Calibration/Sticker 1 Point - Reotemp Choice

Magnesium-oxide powder insulation (MI Cable)

Temp. Rating: 1700F Negative Buoyancy

Per DWG #: 21569

# 2 240 **AVQM12K1SU960-LK2P60T1FMC-R1**

Down-Well Thermocouple: 80ft

Connection: Plain Stem

Stem Option: With 1/8" NPT SS Compression Fitting. Q="Adjustable with Teflon

ferrule" Loose on Stem

Sensor: Single Type K Ungrounded Junction Stem: 1/8" dia. 316SS Stem length= 960" (80ft)

Transition: Std. Transition

Leads: 2 ea Teflon insulated Solid leads T1 - 60in.

Terminated w/ Male Std Size Plug with Mating Female Connector

Certificate of Temperature Calibration/Sticker 1 Point - Reotemp Choice

Magnesium-oxide powder insulation (MI Cable)

Temp. Rating: 1700F Negative Buoyancy

Per DWG #: 21569

# 3 240 **AVQM12K1SU1440-LK2P60T1FMC-R1**

Down-Well Thermocouple: 120ft

Connection: Plain Stem

Stem Option: With 1/8" NPT SS Compression Fitting. Q="Adjustable with Teflon

ferrule" Loose on Stem

Sensor: Single Type K Ungrounded Junction

# **REOTEMP**

Terminated w/ Male Std Size Plug with Mating Female Connector

Certificato rofalletto eraturo affalibrations/Stickmarkerint Registro Registro Registro Contact > Magnesium-oxide powder insulation (MI Cable)

Temp. Rating: 1700F **Negative Buoyancy** 

Per DWG #: 21569

Total:

Contact Us

Connect With Us

About Us

ISO QUALITY SYSTEM

10656 Roselle Street **f** X **D** in





San Diego, CA

92121

**3**800-648-7737

■sales@reotemp.com

Reotemp is a globally recognized US manufacturer of temperature and pressure instrumentation.

Reotemp is ISO 9001: 2015 Certified by TÜV SÜD



© 2024 Reotemp Instrument Corporation

Ives Equipment

# Hostetter, David

From: Dean, Samuel

Sent:Tuesday, October 8, 2024 5:47 PMTo:Donald Amspacher; Carl ForryCc:Hostetter, David; Sedillo, Dana

**Subject:** RE: Request for Quote

Attachments: LF Well Monitoring Item #2 RFP (Ives).pdf; LF Well Monitoring Item #3 RFP (Ives).pdf; LF

Well Monitoring Item #1 RFP.pdf

Hi guys,

Can you please provide an update on the quote requests we sent last week? Please let us know if you are able to provide a quote for the requested items or have any questions.

Thanks,

Sam Dean Senior Project Manager SCS RMC



# www.scsengineers.com

From: Jon McElhaney

Sent: Friday, October 4, 2024 12:48 PM

To: Dean, Samuel

Cc: Donald Amspacher Hostetter, David

Subject: RE: Request for Quote

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sam,

I no longer handle your territory.

Don and his inside salesman Carl Forry will supply you with a quote.

Have a good day!

# Jon McElhaney - Inside Sales

Ives Equipment Corporation

Phone:
Fax:
E-mail:

www.ivesequipment.com

From: Dean, Samuel

Sent: Friday, October 4, 2024 12:14 PM

To: Jon McElhaney

Cc: Donald Amspacher Hostetter, David

**Subject:** Request for Quote

Importance: High

You don't often get email from

Learn why this is important

Hi Jon,

We are requesting a quote per the attached specification to source a large quantity of sensors for a potential project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Tuesday, October 8.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean Senior Project Manager SCS RMC

SCS RIVIC

www.scsengineers.com

# ATTACHMENT B (COMPONENT #2) – DOWN-WELL TRANSDUCERS

- Requests for Quotations and Vendor/Manufacturer/Distributor Quotes and Responses
  - o Miller Energy
  - North East Technical Sales
  - Ives Equipment

# Miller Energy

# Dean, Samuel

From: James Cagwin - Miller Energy Tuesday, October 1, 2024 6:47 PM Sent: Dean, Samuel To: Cc: Hostetter, David **Subject: RE: Request for Proposal Attachments:** LF Well Monitoring Items #2 and #3 RFP.pdf; SQ5026352 (10.1.2024).pdf This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe. Hi Sam, Thank you for the request. Please find the attached quote SQ5026352 for the project requested items. These items meet the specifications as requested. The delivery quoted is confirmed from the factory as achievable. It is possible they can improve with a expedite fee, but I do not have specifics at this time as to how much improvement is possible. As discussed, I am working on alternative items as well to present. If you have any questions please let me know. Kind regards, James Cagwin Miller Energy, Inc. 505 Gordon Dr. Exton, PA 19341 Cell: Office: Miller Energy Linecard From: Dean, Samuel

Sent: Monday, September 30, 2024 11:19 PM

To: James Cagwin - Miller Energy

Cc: Hostetter, David Subject: Request for Proposal
Importance: High
Hi James,
We are requesting a quote per the attached specification to source a large quantity of sensors for a project.
Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Wednesday, October 2.
Thanks and let me know if you have any questions.
Best regards,
Sam Dean
Senior Project Manager
SCS RMC
www.scsengineers.com



TEL:

# **Quotation For:**

SCS Engineers 3900 Kilroy Airport Way

Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

240

Phone:

ITEM

# **QUOTATION SQ5026352**

PAGE 1

**DATE 10/1/2024** 

**PROJECT REFERENCE LF Well Monitoring Items** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME 12 WEEKS -13 WEEKS** 

**SHIPPING TERMS** 

ACCOUNT MANAGER James Cagwin PREPARED BY James Cagwin

**QTY** Description

Wika Instrument Corp. Part No. 52990885

IS-3 -100...100 inWC; 1/4" NPT 4-20mA 2-wire

@ 11...30 V DC, Accuracy: 0.25% of span Material of Wetted Parts: stainless steel Adjustability: Zero/span adjustable

Field case, conduit 1/2 NPT female with spring

clip terminal UB=1, 0V=2

permitted media temperature: -20...+80°C

Approvals: ATEX/IECEx/FM/CSA Additional certifications: without

Specifications according to data sheet: PE 81.58

**Product Catalog** 

ITEM QTY Description
2 240 Wika Instrument Corp.

Part No. 52827338

910.32.100 Miniature Cooling Adaptor 1/4 F x 1/4 M

**Product Catalog** 



**UNIT PRICE** 

**UNIT PRICE** 

**EXTENDED PRICE** 

**EXTENDED PRICE** 



TEL: FAX:

# **Quotation For:**

**SCS Engineers 3900 Kilroy Airport Way** Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

Phone:

# **QUOTATION SQ5026352**

PAGE 2

**DATE 10/1/2024** 

**PROJECT REFERENCE LF Well Monitoring Items** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME 12 WEEKS -13 WEEKS** 

**SHIPPING TERMS** 

**ACCOUNT MANAGER James Cagwin PREPARED BY James Cagwin** 

> **UNIT PRICE EXTENDED PRICE**

#### QTY Description **ITEM**

Wika Instrument Corp. Part No. 76216369

> Intrinsically safe Level Probe Model IL-10 Submersible Liquid Level Transmitter

Specifications according to data sheet: PE 81.23

Power Supply: DC 10 ... 30 V Output signal: 4 ... 20 mA, 2-wire Ingress Protection: IP 68 Pressure Range: 0 ... 50 psi Process Connection: G 1/2 B

Special Design Features: Hastelloy with FEP Cable

Accuracy: 0.5% of span Cable Length: 60 m

Approvals: I M1, II 1G, II 1/2G, II 2G, II 1D per

ATEX/IECEx incl. CSA

\*\*This item is made to order, therefore it is non-

returnable and non-cancellable.

**Product Catalog** 



ı Otai:
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# **General Terms:**

- 1.) This proposal is subject to Miller Energy Standard Terms and Conditions.
- 2.) Product images are for reference purposes only.
- 3.) 3.75% Service Fee applied to all credit card payments.

# Please address your Order as follows:

505 Gordon Drive Exton, PA 19341-1252

Miller	Energy	Inc
-0-0		



TEL:

# **Quotation For:**

SCS Engineers 3900 Kilroy Airport Way Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

Phone:

# **QUOTATION SQ5026360**

PAGE 1

**DATE 10/2/2024** 

**PROJECT REFERENCE LF Well Monitoring items** 

**EXTENDED PRICE** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME** 

**UNIT PRICE** 

**SHIPPING TERMS** 

ACCOUNT MANAGER James Cagwin PREPARED BY James Cagwin

1 QTY Description
1 240 Part No. PGS

Part No. PGS100.F.S9.A.1.A.A.Y.S.H-D3.HCM
Essential Gauge Pressure Transmitter. 2 and 40 kPa
(20 and 400 mbar, 8 and 160 in. H2O) Sensor Range.
AISI 316L SS Diaphragm. Silicone Oil fill fluid.
AISI 316L. 1/2 in. - 14NPT female process
connection. HART / 4 to 20 mA (including Easy Set up) Output. Glass touch LCD display with 2-button keypad.CSA approvals (USA and Canada) IS (Gas and Dust).

\*\*\* Requires Cooling Tower to meet Process Temperature Requirements \*\*\*

**Product Catalog** 





TEL: FAX:

# **Quotation For:**

SCS Engineers 3900 Kilroy Airport Way Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

Phone:

# **QUOTATION SQ5026360**

PAGE 2

**DATE 10/2/2024** 

**PROJECT REFERENCE LF Well Monitoring items** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME** 

**SHIPPING TERMS** 

ACCOUNT MANAGER James Cagwin
PREPARED BY James Cagwin

UNIT PRICE EXTENDED PRICE

ITEM QTY Description

Dwyer Instruments Inc. Part No. 3200G-1-FM-1-1

Series 3200G Ex-Proof Pressure Transmitter Range: -14.5 to 21 psi (factory set 0 to 21 psig)

Wetted Materials: 316L SS. Accuracy: ±0.075% FS (@ 20°C). Rangeability: 100:1 turn down. Power Requirements: 11.9 to 45 VDC.

Output Signal: 4 to 20 mA / HART® Communication.

Process Connections: 1/2" female NPT. Electrical Conn: Two 1/2" female NPT conduit,

screw terminal Display: without LCD

NEMA 4X (IP66) and Ex-Proof Class 1 Div 1 Grp A-D

Weight: 5.5 lb (2.5 kg). Agency Approvals: CE, FM.

\*\*\* Requires Cooling Tower to meet Process

Temperature Requirements \*\*\*

**Product Catalog** 





TEL: FAX:

# **Quotation For:**

**SCS Engineers 3900 Kilroy Airport Way** 

Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

Phone:

# **QUOTATION SQ5026360**

PAGE 3

**DATE 10/2/2024** 

**PROJECT REFERENCE LF Well Monitoring items** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME** 

**SHIPPING TERMS** 

**ACCOUNT MANAGER James Cagwin PREPARED BY James Cagwin** 

**UNIT PRICE** 

**EXTENDED PRICE** 

#### QTY **Description ITEM**

Dwyer Instruments Inc.

Part No. SBLTX-50-100-ETFE

Series SBLTX Submersible Level Transmitter 50psi

100 Feet ETFE Cable

Wetted Materials: Body: 316 SS, 316L SS;

Bullet nose: PVC Cable: ETFE

Seals: Fluoroelastomer Accuracy: ±0.25% FS.

Temperature Limit: -4 to 176°F (-20 to 80°C) Power Requirement: 10 to 28 VDC. Output Signal: 4 to 20 mA DC, 2-wire. Intrinsically Safe for Class I, Div. 1, Group A-D

**Product Catalog** 

Total:

# Concret Tormer

- 1.) This proposal is subject to Miller Energy Standard Terms and Conditions.
- 2.) Product images are for reference purposes only.
- 3.) 3.75% Service Fee applied to all credit card payments.

# Please address your Order as follows:

Miller Energy Inc. 505 Gordon Drive Exton, PA 19341-1252

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North East Technical Sales

From: <u>Dean, Samuel</u>

**To:** <u>Christine Foster</u>; <u>John Dezzi</u>

Cc: <u>Hostetter, David</u>
Subject: Request for Quote

Date:Thursday, October 3, 2024 3:50:00 PMAttachments:LF Well Monitoring Item #2 RFP.pdf

Hi Tina and John,

We are requesting a quote per the attached specification to source a large quantity of sensors for a potential project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Tuesday, October 8.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean Senior Project Manager SCS RMC

www.scsengineers.com

# Dean, Samuel

From: John Dezzi

**Sent:** Monday, October 7, 2024 10:48 AM **To:** Dean, Samuel; Christine Foster

**Cc:** Hostetter, David **Subject:** RE: Request for Quote

**Attachments:** 34733-EN-VEGAWELL-52-4-20-mA.pdf

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

# Sam:

For this one, I don't have anything that can meet your minimum requirements. Best we could supply the attached which has a max Temp rating of 80C (176F). if you need that higher temperature rating, then we will pass on this one.

John M Dezzi North East Technical Sales, Inc. Outside Sales Engineer 171 Ruth Road Harleysville, PA 19438



Process Measurement & Analysis Solutions
<a href="https://www.netechsales.com">www.netechsales.com</a> | Followus on Linked in

From: Dean, Samuel

Sent: Thursday, October 3, 2024 3:50 PM

**To:** Christine Foster

**Cc:** Hostetter, David **Subject:** Request for Quote

Hi Tina and John,

We are requesting a quote per the attached specification to source a large quantity of sensors for a potential project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Tuesday, October 8.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean Senior Project Manager SCS RMC



www.scsengineers.com



# **VEGAWELL 52**

# 4 ... 20 mA

# Submersible pressure transmitter with ceramic measuring cell



# **Application area**

VEGAWELL 52 is suitable for continuous level measurement of liquids. Typical applications are measurements in water/waste water facilities, deep wells and in the shipbuilding industry.

### Your benefit

- · High reliability through maximum overload and vacuum resistance of the ceramic measuring cell
- High plant availability through integrated overvoltage protection
- · Versatile use thanks to robust housing and cable version

## **Function**

The ceramic CERTEC® measuring cell is the heart of VEGAWELL 52. The hydrostatic pressure of the liquid column causes a capacitance change in the measuring cell via the ceramic diaphragm. This change is converted into a standard 4 ... 20 mA signal. The entire measuring cell consists of high purity ceramic and is characterised, apart from its excellent long-term stability, by very high overload resistance.

#### Technical data

Process fitting

Measuring ranges +0.1 ... +60 bar/+10 ... +6000 kPa

(+1.45 ... +870.2 psig)

Smallest measuring range +0.1 bar/+10 kPa (+1.45 psig) 0.1 %

Deviation in character-

istics

Straining clamp, threaded fitting unassembled from G1 (ISO 228-1) or from 1 NPT, thread G11/2 (ISO 228-1) or from 11/2 NPT

on the housing

-20 ... +80 °C (-4 ... +176 °F) Process temperature

Ambient, storage and transport temperature -40 ... +80 °C (-40 ... +176 °F)

Operating voltage 8 ... 35 V DC

### **Materials**

The transmitter of the instrument is made of 316L, Duplex (1.4462), Titanium or PVDF. The process seal consists of FKM, FFKM or EPDM, the suspension cable of PE, PUR or FEP.

You will find a complete overview of the available materials and seals in the "Configurator" at www.vega.com and "VEGA Tools".

# **Housing versions**

Apart from the version with unassembled cable end, there is also a version with single chamber housing and thread available.

The housing in protection rating IP 66/IP 67 is available in plastic or stainless steel precision casting.

## **Electronics versions**

The instruments are available in different electronics versions. Apart from the analogue/digital two-wire electronics 4 ... 20 mA/HART Pt 100, a pure analogue version 4 ... 20 mA is also possible.

# **Approvals**

The instruments are suitable for use in hazardous areas and are approved e.g. according to ATEX and IEC. The instruments also have various ship approvals such as e.g. GL, LRS or ABS.

You can find detailed information at www.vega.com/downloads and "Approvals".

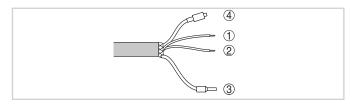




# Operation

An adjustment of the instrument is not necessary and not possible. The measuring range corresponds to the value set at the factory.

# **Electrical connection**

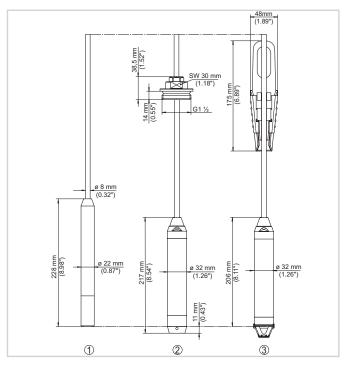


Wire assignment, suspension cable

- 1 Blue (-): to power supply or to the processing system
- 2 Brown (+): to power supply or to the processing system
- 3 Shielding
- 4 Breather capillaries with filter element

You can find details on electrical connection in the instrument operating instructions at <a href="https://www.vega.com/downloads">www.vega.com/downloads</a>.

# **Dimensions**



Dimensions VEGAWELL 52

- 1 Standard version
- 2 Version with adjustable screw connection for suspension cable G1½ A, with impact protection
- 3 Version with straining clamp and detachable plastic basket guard

# Information

You can find further information about the VEGA product line on www.vega.com.

In the download section at <a href="www.vega.com/downloads">www.vega.com/downloads</a> you'll find operating instructions, product information, brochures, approval documents, instrument drawings and much, much more.

There, you will also find GSD and EDD files for Profibus PA systems as well as DD and CFF files for Foundation Fieldbus systems.

## Instrument selection

With the "Finder" at <a href="www.vega.com/finder">www.vega.com/finder</a> and "VEGA Tools" you can select the most suitable measuring principle for your application.

You can find detailed information on the instrument versions in the "Configurator" at <a href="www.vega.com/configurator">www.vega.com/configurator</a> and "VEGA Tools".

### Contact

You can find the VEGA agency serving your area on our homepage www.vega.com.

Ives Equipment

From: <u>Dean, Samuel</u>

To: <u>Donald Amspacher; Carl Forry</u>
Cc: <u>Hostetter, David; Sedillo, Dana</u>

**Subject:** RE: Request for Quote

Date:Tuesday, October 8, 2024 2:46:38 PMAttachments:LF Well Monitoring Item #2 RFP (Ives).pdf

LF Well Monitoring Item #3 RFP (Ives).pdf LF Well Monitoring Item #1 RFP.pdf

Hi guys,

Can you please provide an update on the quote requests we sent last week? Please let us know if you are able to provide a quote for the requested items or have any questions.

Thanks,

Sam Dean Senior Project Manager SCS RMC



From: Jon McElhaney

**Sent:** Friday, October 4, 2024 12:48 PM

To: Dean, Samuel

Cc: Donald Amspacher Hostetter, David

Carl Forry

**Subject:** RE: Request for Quote

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sam,

I no longer handle your territory.

Don and his inside salesman Carl Forry will supply you with a quote.

Have a good day!

Jon McElhaney - Inside Sales

Ives Equipment Corporation

Phone:

Fax:
E-mail:
www.ivesequipment.com

From: Dean, Samuel

**Sent:** Friday, October 4, 2024 12:14 PM

To: Jon McElhaney

Cc: Donald Amspacher Hostetter, David

**Subject:** Request for Quote

Importance: High

You don't often get email from Learn why this is important

Hi Jon,

We are requesting a quote per the attached specification to source a large quantity of sensors for a potential project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Tuesday, October 8.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean Senior Project Manager SCS RMC

# ATTACHMENT C, (COMPONENT #3) – TOP-MOUNTED PRESSURE TRANSDUCERS

- Requests for Quotations and Vendor/Manufacturer/Distributor Quotes and Responses
  - Miller Energy
  - o North East Technical Sales
  - o Ives Equipment

## Miller Energy

#### Dean, Samuel

To: James Cagwin - Miller Energy

From: James Cagwin - Miller Energy Tuesday, October 1, 2024 6:47 PM Sent: Dean, Samuel To: Cc: Hostetter, David **Subject: RE: Request for Proposal Attachments:** LF Well Monitoring Items #2 and #3 RFP.pdf; SQ5026352 (10.1.2024).pdf This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe. Hi Sam, Thank you for the request. Please find the attached quote SQ5026352 for the project requested items. These items meet the specifications as requested. The delivery quoted is confirmed from the factory as achievable. It is possible they can improve with a expedite fee, but I do not have specifics at this time as to how much improvement is possible. As discussed, I am working on alternative items as well to present. If you have any questions please let me know. Kind regards, James Cagwin Miller Energy, Inc. 505 Gordon Dr. Exton, PA 19341 Cell: Office: Miller Energy Linecard From: Dean, Samuel Sent: Monday, September 30, 2024 11:19 PM

Cc: Hostetter, David Subject: Request for Proposal
Importance: High
Hi James,
We are requesting a quote per the attached specification to source a large quantity of sensors for a project.
Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Wednesday, October 2.
Thanks and let me know if you have any questions.
Best regards,
Sam Dean
Senior Project Manager
SCS RMC
www.scsengineers.com



TEL:

#### **Quotation For:**

SCS Engineers 3900 Kilroy Airport Way

Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

240

Phone:

ITEM

#### **QUOTATION SQ5026352**

PAGE 1

**DATE 10/1/2024** 

**PROJECT REFERENCE LF Well Monitoring Items** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME 12 WEEKS -13 WEEKS** 

**SHIPPING TERMS** 

ACCOUNT MANAGER James Cagwin PREPARED BY James Cagwin

**QTY** Description

Wika Instrument Corp. Part No. 52990885

IS-3 -100...100 inWC; 1/4" NPT 4-20mA 2-wire

@ 11...30 V DC, Accuracy: 0.25% of span Material of Wetted Parts: stainless steel Adjustability: Zero/span adjustable

Field case, conduit 1/2 NPT female with spring

clip terminal UB=1, 0V=2

permitted media temperature: -20...+80°C

Approvals: ATEX/IECEx/FM/CSA Additional certifications: without

Specifications according to data sheet: PE 81.58

**Product Catalog** 

ITEM QTY Description
2 240 Wika Instrument Corp.

Part No. 52827338

910.32.100 Miniature Cooling Adaptor 1/4 F x 1/4 M

**Product Catalog** 



**UNIT PRICE** 

**UNIT PRICE** 

**EXTENDED PRICE** 

**EXTENDED PRICE** 



TEL: FAX:

#### **Quotation For:**

**SCS Engineers 3900 Kilroy Airport Way** 

Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

Phone:

#### **QUOTATION SQ5026352**

PAGE 2

**DATE 10/1/2024** 

**PROJECT REFERENCE LF Well Monitoring Items** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME 12 WEEKS -13 WEEKS** 

**SHIPPING TERMS** 

**ACCOUNT MANAGER James Cagwin PREPARED BY James Cagwin** 

> **UNIT PRICE EXTENDED PRICE**

#### QTY Description **ITEM**

Wika Instrument Corp. Part No. 76216369

> Intrinsically safe Level Probe Model IL-10 Submersible Liquid Level Transmitter

Specifications according to data sheet: PE 81.23

Power Supply: DC 10 ... 30 V Output signal: 4 ... 20 mA, 2-wire Ingress Protection: IP 68 Pressure Range: 0 ... 50 psi Process Connection: G 1/2 B

Special Design Features: Hastelloy with FEP Cable

Accuracy: 0.5% of span Cable Length: 60 m

Approvals: I M1, II 1G, II 1/2G, II 2G, II 1D per

ATEX/IECEx incl. CSA

\*\*This item is made to order, therefore it is non-

returnable and non-cancellable.

**Product Catalog** 



Total:	
--------	--

#### **General Terms:**

- 1.) This proposal is subject to Miller Energy Standard Terms and Conditions.
- 2.) Product images are for reference purposes only.
- 3.) 3.75% Service Fee applied to all credit card payments.

Miller Energy Inc. 505 Gordon Drive Exton, PA 19341-1252

Please	address	your	Order	as	follows:



TEL:

#### **Quotation For:**

SCS Engineers 3900 Kilroy Airport Way Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

Phone:

### **QUOTATION SQ5026360**

PAGE 1

**DATE 10/2/2024** 

**PROJECT REFERENCE LF Well Monitoring items** 

**EXTENDED PRICE** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME** 

**UNIT PRICE** 

**SHIPPING TERMS** 

ACCOUNT MANAGER James Cagwin PREPARED BY James Cagwin

1 QTY Description
1 240 Part No. PGS

Part No. PGS100.F.S9.A.1.A.A.Y.S.H-D3.HCM
Essential Gauge Pressure Transmitter. 2 and 40 kPa
(20 and 400 mbar, 8 and 160 in. H2O) Sensor Range.
AISI 316L SS Diaphragm. Silicone Oil fill fluid.
AISI 316L. 1/2 in. - 14NPT female process
connection. HART / 4 to 20 mA (including Easy Set up) Output. Glass touch LCD display with 2-button keypad.CSA approvals (USA and Canada) IS (Gas and Dust).

\*\*\* Requires Cooling Tower to meet Process Temperature Requirements \*\*\*

**Product Catalog** 





TEL: FAX:

#### **Quotation For:**

SCS Engineers 3900 Kilroy Airport Way Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

Phone:

#### **QUOTATION SQ5026360**

PAGE 2

**DATE 10/2/2024** 

**PROJECT REFERENCE LF Well Monitoring items** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME** 

**SHIPPING TERMS** 

ACCOUNT MANAGER James Cagwin
PREPARED BY James Cagwin

UNIT PRICE EXTENDED PRICE

ITEM QTY Description

Dwyer Instruments Inc. Part No. 3200G-1-FM-1-1

Series 3200G Ex-Proof Pressure Transmitter Range: -14.5 to 21 psi (factory set 0 to 21 psig)

Wetted Materials: 316L SS. Accuracy: ±0.075% FS (@ 20°C). Rangeability: 100:1 turn down. Power Requirements: 11.9 to 45 VDC.

Output Signal: 4 to 20 mA / HART® Communication.

Process Connections: 1/2" female NPT. Electrical Conn: Two 1/2" female NPT conduit,

screw terminal Display: without LCD

NEMA 4X (IP66) and Ex-Proof Class 1 Div 1 Grp A-D

Weight: 5.5 lb (2.5 kg). Agency Approvals: CE, FM.

\*\*\* Requires Cooling Tower to meet Process

Temperature Requirements \*\*\*

**Product Catalog** 





TEL: FAX:

#### **Quotation For:**

**SCS Engineers 3900 Kilroy Airport Way** 

Suite 100

Long Beach, CA 90806-6816

**Attn: Sam Dean** 

Phone:

#### **QUOTATION SQ5026360**

PAGE 3

**DATE 10/2/2024** 

**PROJECT REFERENCE LF Well Monitoring items** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME** 

**SHIPPING TERMS** 

**ACCOUNT MANAGER James Cagwin PREPARED BY James Cagwin** 

**UNIT PRICE** 

**EXTENDED PRICE** 

#### QTY **Description ITEM**

Dwyer Instruments Inc.

Part No. SBLTX-50-100-ETFE

Series SBLTX Submersible Level Transmitter 50psi

100 Feet ETFE Cable

Wetted Materials: Body: 316 SS, 316L SS;

Bullet nose: PVC Cable: ETFE

Seals: Fluoroelastomer Accuracy: ±0.25% FS.

Temperature Limit: -4 to 176°F (-20 to 80°C) Power Requirement: 10 to 28 VDC. Output Signal: 4 to 20 mA DC, 2-wire. Intrinsically Safe for Class I, Div. 1, Group A-D

**Product Catalog** 

Total:

#### Concret Tormer

- 1.) This proposal is subject to Miller Energy Standard Terms and Conditions.
- 2.) Product images are for reference purposes only.
- 3.) 3.75% Service Fee applied to all credit card payments.

#### Please address your Order as follows:

Miller Energy Inc. 505 Gordon Drive Exton, PA 19341-1252

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North East Technical Sales

#### Dean, Samuel

From: John Dezzi

**Sent:** Monday, October 7, 2024 4:06 PM **To:** Dean, Samuel; Christine Foster

**Cc:** Hostetter, David **Subject:** RE: Request for Quote

Attachments: SCS Field Services-Dean-ABB-100724-01TFJD.pdf; DS\_PGS\_PAS\_PGF\_PAF\_PGD\_PAD\_PAP\_PGP100-

EN\_H 09.2023\_IO Link.pdf

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Sam:

Attached is a price for the ABB Compact Pressure Transmitter. I also included the data sheet for this transmitter. The standard unit has a max process Temperature rating of 248F. I included a price for a SS cooling tower element. However, the general rule of thumb is 1 foot of tubing drops the temperature by a min of 50F. So, you could install a 12in long SS tube ¼" in size for much less money than the cooling tower to achieve the same result.

Honestly, I would like to know more detail about the application because the 300F rating doesn't make sense to me if you are just measuring water pressure.

If you get a chance tomorrow morning I'm available to discuss this in more detail.

Sincerely,

John M Dezzi North East Technical Sales, Inc. Outside Sales Engineer 171 Ruth Road Harleysville, PA 19438



Process Measurement & Analysis Solutions
<a href="https://www.netechsales.com">www.netechsales.com</a> | Followuson Linked in</a>

From: Dean, Samuel

Sent: Thursday, October 3, 2024 3:54 PM

**To:** Christine Foster **Cc:** Hostetter, David

6 Lines December 6

**Subject:** Request for Quote

Hi Tina and John,

We are requesting another quote per the attached specification to source a large quantity of sensors for a potential project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Tuesday, October 8.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean Senior Project Manager SCS RMC



Scs Field Services, Inc. 2403 Hilltown Pike Perkasie, PA 18944 Quotation #: 9295

Quotation Name: LF Well Monitoring #3 RFP

Date: October 7, 2024

Email:

Phone: |

North East Technical Sales, Inc. is pleased to submit the following quotation for your consideration:

#### Item Qty. Description **Unit Price** Ext. Price 1 240 ABB Compact Pressure Transmitter PAS100.F.S9.A.1.A.B.Y.S.A-..HMM......SE...M5 Essential Absolute Pressure Transmitter (Base accuracy 0.25 %) \* F: 2 and 40 kPa (20 and 400 mbar, 8 and 160 in. H2O) - Sensor Range \* **S9**: Standard by design according to sensor range - Maximum working pressure \* A: AISI 316L ss - Diaphragm material \* 1: Silicone oil - Fill Fluid \* A: AISI 316L ss - Process Connection Material \* **B**: 1/2 in - 14 NPT male / 1/4 in - 18 NPT female (adapter compatible) - Process Connection Size \* Y: None - Bolts and Gaskets \*S: AISI 316L ss / 1/2 in. -14 NPT female thread (through adapter - supplied loose) - Housing Material / Electrical Connection \* A: 4 to 20 mA analog signal (Zero / Span setting only) -Protocol/Output \* HMM: Combined ATEX, CSA approvals (USA and Canada) and IECEx (Gas and Dust) - Hazardous **Area Certifications** \* SE: Local configuration (Easy Set Up) for 4..20mA Version - Software Application \* M5: English - Manuals Max Temp Range 248F 2 COOLING ELEMENT, Omega Item #: PG-CTN4-G02 316L SS, Finned 1/4" NPT M X F, 4.06" long (1.25" diameter)

Note: This quotation is for equipment only, service or installation can be quoted separately.

302F max temp

Please address purchase orders to: North East Technical Sales 171 Ruth Road Harleysville, PA 19438

#### Please email or fax purchase order to North East Technical Sales for processing:

Email: Fax:

Delivery: 5-7 weeks FOB: Origin

Validity: 30 Days Freight: Prepay and add

Terms: NET 30 Ship Via: ground

Credit Add: 2.5% Fee for Credit Card Payments

Card:

Thank you for your interest in our products. If you have any questions or comments, please do not hesitate to contact me. We look forward to working with you and earning your business.

#### **Quote Terms and Conditions**

QUOTE CONDITIONS: This quote constitutes an offer by North East Technical Sales, Inc. to the buying party named on page 1 of this quote. This is for the sale of the products itemized above. You may accept this offer by providing North East Technical Sales, Inc. with an official purchase order citing the quotation number above or other written confirmation citing the quotation number above.

North East Technical Sales, Inc. has done their best to understand the application based on information provided by the buying party. Our proposal is accurate only based on the information provided by the buying party. The buying party is obligated to ensure that the equipment is installed and utilized per the specifications of the equipment for the application. North East Technical Sales will not be held liable for any bodily injuries, equipment damage, which occurs as a result of misuse of the equipment per the specifications of the manufacturer.

TERMS: If you have not accepted this quote within 30 days (can adjust as needed) of the date of this quote, this quote will expire and will be null and void.

PAYMENT: Payment terms for this quote are as set out in the "Payment" section of this quote or as agreed separately between you and North East Technical Sales, Inc.

GENERAL TERMS: All purchases of products and/or services are expressly and without limitation subject to the manufacturer's terms & conditions of sale. Acceptance of North East Technical's offer through one of the following methods shall constitute a contract of sale ("Contract").

- 1. Buyer's issuance of a purchase order document against North East Technical's offer or quotation.
- 2. North East Technical's acknowledgement of the Buyer's order

DELIVERY: Delivery dates in respect of the products will be set by North East Technical Sales, Inc. upon receipt from the buyer of an official purchase order or other written confirmation accepting of this quote. North East Technical makes no guarantee in respect of delivery dates in respect of this quote and such dates are subject to change. Shipping: All quotes are FOB Shipping Point unless otherwise noted.

WARRANTY: All Products are subject to the warranty given by the manufacturer of the Products.

Ives Equipment

From: <u>Dean, Samuel</u>

To: <u>Donald Amspacher; Carl Forry</u>
Cc: <u>Hostetter, David; Sedillo, Dana</u>

**Subject:** RE: Request for Quote

Date: Tuesday, October 8, 2024 2:46:38 PM
Attachments: LF Well Monitoring Item #2 RFP (Ives).pdf

LF Well Monitoring Item #3 RFP (Ives).pdf LF Well Monitoring Item #1 RFP.pdf

Hi guys,

Can you please provide an update on the quote requests we sent last week? Please let us know if you are able to provide a quote for the requested items or have any questions.

Thanks,

Sam Dean Senior Project Manager SCS RMC

#### www.scsengineers.com

From: Jon McElhaney

**Sent:** Friday, October 4, 2024 12:48 PM

To: Dean, Samuel

Cc: Donald Amspacher Hostetter, David

Carl Forry

**Subject:** RE: Request for Quote

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sam,

I no longer handle your territory.

Don and his inside salesman Carl Forry will supply you with a quote.

Have a good day!

Jon McElhaney - Inside Sales

Ives Equipment Corporation

Phone:

Fax:
E-mail:
www.ivesequipment.com

From: Dean, Samuel

**Sent:** Friday, October 4, 2024 12:14 PM

To: Jon McElhaney

Cc: Donald Amspacher Hostetter, David

**Subject:** Request for Quote

Importance: High

You don't often get email from Learn why this is important

Hi Jon,

We are requesting a quote per the attached specification to source a large quantity of sensors for a potential project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Tuesday, October 8.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean Senior Project Manager SCS RMC

## ATTACHMENT D (COMPONENT #4) - INDUSTRIAL IIOT DEVICES

- Requests for Quotations and Vendor/Manufacturer/Distributor Quotes and Responses
  - North East Technical Sales
  - Instrumart
  - o Miller Energy

North East Technical Sales

#### Dean, Samuel

**From:** Christine Foster

Sent: Tuesday, October 1, 2024 10:23 AM

**To:** Dean, Samuel **Cc:** John Dezzi

**Subject:** FW: Request for Proposal

Attachments: LF Well Monitoring Item #4 RFP.pdf; SCS Field Services-Dean-SF-100124-01TFJD.pdf

**Importance:** High

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Sam,

Attached above is the quote for your review.

Thank You,

Tina Foster

Tina Foster Inside Sales

Direct: • Office:

Email:#firvvhuC ghwhfkvddvlfrp #



**Process Measurement & Analysis Solutions** 

www.netechsales.com | Followus on Linked in

From: Dean, Samuel

Sent: Monday, September 30, 2024 11:25 PM

To: Christine Foster

Cc: John Dezzi Hostetter, David

**Subject:** Request for Proposal

Importance: High

Hi Tina,

We are requesting a quote per the attached specification to source a large quantity of IIoT devices for a project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Wednesday, October 2.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean Senior Project Manager SCS RMC





Scs Field Services, Inc.	
2403 Hilltown Pike	

Perkasie, PA 18944

Attn: Sam Dean

Email:

Quotation #: 9248

**Quotation Name:** 

Date: October 1, 2024

LF Well Monitoring

Phone:

North East Technical Sales, Inc. is pleased to submit the following quotation for your consideration:

<u>ltem</u>	Qty.	<u>Description</u>	<b>Unit Price</b>	Ext. Price
1	240	Ranger-STD-4DPAK-Int-Modbus-NoSim-N-N-N RANGER LTE M1 Transmitter - 2DI,1AI,1DO - Round housing with ½" NPT input, 4 D Cell Pack, Internal LTE & GPS, Expansion Module with RS485 Modbus Serial port , No SIM Card. No SignalFire Cloud. User provides LTE CAT M1 SIM Card		

Note: This quotation is for equipment only, service or installation can be quoted separately.

Please address purchase orders to: North East Technical Sales

171 Ruth Road Harleysville, PA 19438

Please email or fax purchase order to North East Technical Sales for processing:

Email:

Fax:

Delivery: 3-4 weeks FOB: Origin

Validity: 30 Days Freight: Prepay and add

Terms: NET 30 Ship Via: ground

Credit Add: 2.5% Fee for Credit Card Payments

Card:

Thank you for your interest in our products. If you have any questions or comments, please do not hesitate to contact me. We look forward to working with you and earning your business.

#### **Quote Terms and Conditions**

QUOTE CONDITIONS: This quote constitutes an offer by North East Technical Sales, Inc. to the buying party named on page 1 of this quote. This is for the sale of the products itemized above. You may accept this offer by providing North East Technical Sales, Inc. with an official purchase order citing the quotation number above or other written confirmation citing the quotation number above.

North East Technical Sales, Inc. has done their best to understand the application based on information provided by the buying party. Our proposal is accurate only based on the information provided by the buying party. The buying party is obligated to ensure that the equipment is installed and utilized per the specifications of the equipment for the application. North East Technical Sales will not be held liable for any bodily injuries, equipment damage, which occurs as a result of misuse of the equipment per the specifications of the manufacturer.

TERMS: If you have not accepted this quote within 30 days (can adjust as needed) of the date of this quote, this quote will expire and will be null and void.

PAYMENT: Payment terms for this quote are as set out in the "Payment" section of this quote or as agreed separately between you and North East Technical Sales, Inc.

GENERAL TERMS: All purchases of products and/or services are expressly and without limitation subject to the manufacturer's terms & conditions of sale. Acceptance of North East Technical's offer through one of the following methods shall constitute a contract of sale ("Contract").

- 1. Buyer's issuance of a purchase order document against North East Technical's offer or quotation.
- 2. North East Technical's acknowledgement of the Buyer's order

DELIVERY: Delivery dates in respect of the products will be set by North East Technical Sales, Inc. upon receipt from the buyer of an official purchase order or other written confirmation accepting of this quote. North East Technical makes no guarantee in respect of delivery dates in respect of this quote and such dates are subject to change. Shipping: All quotes are FOB Shipping Point unless otherwise noted.

WARRANTY: All Products are subject to the warranty given by the manufacturer of the Products.

### Instrumart

### Sedillo, Dana

From: Instrumart <sales@instrumart.com>
Sent: Friday, October 4, 2024 12:36 PM

To: Sedillo, Dana

**Cc:** sales@instrumart.com

**Subject:** Instrumart - Web Quote # WQ1067581

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

-----

Web Quote

-----

An engineer will email you a formal Quote as soon as your web transaction is processed.

Instrumart

Phone: 1-800-884-4967 Fax: 1-802-863-1193

Email: sales@instrumart.com

Quote Number: WQ1067581 Quote Date: 10/4/2024 3:36 PM

Contact Info:

SCS RMC - attn ChiquitaLF

Sam Dean

2403 Hilltown Pike

Perkasie PA 18944

**UNITED STATES** 

Ship To:

SCS RMC - attn ChiquitaLF

Sam Dean

2403 Hilltown Pike

Perkasie

PA

18944

**UNITED STATES** 

Residential - Yes

Shipping Method: UPS Ground (3-6 days)

Items			

SignalFire Wireless Telemetry Ranger Transmitter

Part Number: RANGER-4DPak-Int-NONE-NoSIM-N-N-N

Price:
Quantity: 240
Total:
Link: https://us-east-

2.protection.sophos.com?d=instrumart.com&u=aHR0cHM6Ly93d3cuaW5zdHJ1bWFydC5jb20vcHJvZHVjdHMvY29uZmlnd XJlLzQ5MDYzPzcxNDEzPTM5ODk1MCY3MTM5MD0zOTg4ODUmNzEzOTE9Mzk4ODg4JjcxMzkyPTM5ODg5MCY3MTM5Mz 0zOTg4OTkmNzEzOTU9Mzk4OTA2JjcxMzk2PTM5ODkwMA==&p=m&i=NWJiZmJkMmlwN2I5NWYxMzQzZWRiYjNk&t=bllF cTBqc01ldGs2N2VQWHN4aTA5a1ZlektGeVJ6c1JpQXZFT2JDSFpTQT0=&h=210c284af91442bfa6db6ef15243c2da&s=AVNP UEhUT0NFTkNSWVBUSVYrqhzUlpnAk2ovAp5lEhu dLI5cF0YdfJM9xTXKm2a3MjhB9x0HvCMottKZx4CktE

Availability: Usually ships in 2-3 weeks

#### -- OPTIONS --

Base Price:

Model: Ranger Transmitter: Round housing with 1/2in NPT input

Input Power: 4 D-cell pack

Antenna Type: Internal LTE and GPS

Additional I/O: Standard I/O package: 1 analog, 2 digital, 1 relay SIM Card Configuration: None (user provides LTE CAT M1 SIM card)

Subscription for Modbus Addresses: None

Report Interval: None

Surcharge:
Shipping:
Sales Tax:
Total:

This quote is valid for 30 days from the date the quote was created. To turn your instant quote into an order, call 800-235-8367 (toll-free in U.S. and Canada) or 802-863-0085, and provide your quote number (starts with "WQ"). Our office hours are Monday - Thursday 8:00am - 5:30pm ET, Friday 8:00am to 5:00pm ET.

Online quotes are only valid for customers located in the United States. Items intended for distribution outside of the US will require formal quotation from one of our sales engineers.

## Miller Energy

#### Dean, Samuel

James Cagwin - Miller Energy Tuesday, October 8, 2024 3:43 PM

From:

Sent:

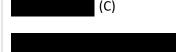
To: Sedillo, Dana Cc: Dean, Samuel; Hostetter, David **Subject:** Re: Request for Quote **Attachments:** SQ5026401.pdf; LF Well Monitoring Item #4 RFP.pdf This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe. Hi Dana, Thank you for your inquiry. We are pleased to offer you the attached proposal for your review. I am awaiting delivery from the factory and will advise as soon as possible. A qty of 240 pcs. will surpass typical demand and push lead times out further than normal. Kind regards, James Cagwin Miller Energy, Inc. 505 Gordon Dr. Exton, PA 19341 Cell: Office: Miller Energy Linecard On Mon, Oct 7, 2024 at 7:05 PM Sedillo, Dana wrote: Hi James, We are requesting a quote per the attached specification to source a large quantity of sensors for a potential project. Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Wednesday, October 9. Thanks and let me know if you have any questions.

Thank You,

Dana Sedillo

**Project Coordinator** 

SCS RMC



**Driven by Client Success** 



TEL:

### **Quotation For:**

SCS Engineers 3900 Kilroy Airport Way

Suite 100

Long Beach, CA 90806-6816

**Attn: Dana Sedillo** 

Phone:

### **QUOTATION SQ5026401**

PAGE 1

**DATE 10/8/2024** 

**PROJECT REFERENCE LF Well Monitoring Item #4** 

**EXTENDED PRICE** 

**VALIDITY 30 Days** 

**PAYMENT TERMS NET 45 DAYS** 

**LEAD TIME** 

**UNIT PRICE** 

**SHIPPING TERMS** 

ACCOUNT MANAGER James Cagwin
PREPARED BY James Cagwin

1 QTY Description
1 240 Part No. RAN

Part No. RANGER-4DPAK-INT-MODBUS-NOSIM-N-N SignalFire RANGER

- Plug and play, instant connectivity of a sensor to the cloud over cellular networks.

[4Dpak] Standard – 4 D Cell Pack

[Int] Standard - Internal LTE & GPS

[Modbus] 1 analog input, 2 digital inputs, 1 relay output with Modbus RS485 Expansion Module

[NoSIM] No SIM card, no SignalFire Cloud, user provides LTE CAT M1 SIM

[N] No Modbus Register Count

[N] Reporting Interval Not Applicable - customer provides SIM

**Product Catalog** 



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#### **General Terms:**

- 1.) This proposal is subject to Miller Energy Standard Terms and Conditions.
- 2.) Product images are for reference purposes only.
- 3.) 3.75% Service Fee applied to all credit card payments.

### Please address your Order as follows:

Miller Energy Inc. 505 Gordon Drive Exton, PA 19341-1252

## ATTACHMENT E (COMPONENT #5) – REMOTE INPUT CARDS

- Requests for Quotations and Vendor/Manufacturer/Distributor Quotes and Responses
  - Stokes Electric
  - Advantech
  - Instrumart

### Stokes Electric

#### Dean, Samuel

From: Shannon Wood

**Sent:** Friday, October 4, 2024 11:31 AM

**To:** Dean, Samuel

**Cc:** Patrick Presto; Hostetter, David

**Subject:** RE: Request for Proposal

**Attachments:** SQ\_5053387.pdf

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Hi I Sam!

Thank you for this opportunity. Attached is the quote you requested. I apologize for the delay. Please let me know if you have feedback and if the project is going to move forward.

#### Shannon

Shannon Wood
Automation Sales Engineer
Cell: (preferred)



Stokes Electrical Supply 3401 Northwood Ave. Easton, PA 18045 One Stop Controls 100 Keystone Avenue Emmaus, PA 18049 Office

From: Dean, Samuel

Office

Sent: Wednesday, October 2, 2024 3:59 PM

**To:** Shannon Wood **Cc:** Patrick Presto

Hostetter, David

Subject: RE: Request for Proposal

Thanks Shannon.

Sam Dean Senior Project Manager SCS RMC

From: Shannon Wood

Sent: Wednesday, October 2, 2024 3:13 PM

To: Dean, Samuel

Cc: Patrick Presto Hostetter, David

Subject: RE: Request for Proposal

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Hi Sam!

I am still waiting for lead times from the Horner planner. As soon as I have that, I will send you a quote. Thank you for your patience.

**Shannon Wood** 

**Automation Sales Engineer** 

Cell: (preferred)



Stokes Electrical Supply 3401 Northwood Ave.

Easton, PA 18045 Office One Stop Controls 100 Keystone Avenue Emmaus, PA 18049

Office

From: Dean, Samuel

Sent: Wednesday, October 2, 2024 11:33 AM

To: Shannon Wood

Cc: Patrick Presto Hostetter, David

Subject: RE: Request for Proposal

Hi Shannon,

Responses to your questions are below.

Sam Dean

Senior Project Manager

**SCS RMC** 

www.scsengineers.com

From: Shannon Wood

Sent: Wednesday, October 2, 2024 10:06 AM

To: Dean, Samuel

Subject: Re: Request for Proposal

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Hi Samuel!

I left a voicemail for you. I am working on your quote and have a few more questions. I need this information before I am able to get special pricing from the manufacturer.

- 1. Is this an order that you have already or a project that you are bidding? This is not for an existing project. We are working with an existing client to evaluate the cost and project schedule based on equipment lead times. This is an opportunity that is not secured yet as the client needs to understand the cost and lead times.
- 2. Who is the completion we are bidding against? Manufacturer and product? We are not competitively bidding the RIO components you are quoting.
- 3. Will you be purchasing all 240 of each at one time or in smaller quantities? We would be purchasing at one time.
- 4. If you purchase all at once, will all shipments be released within 4 months of PO date? We would take shipment of the components when available provided the shipping costs are reasonable when split. This should be factored into the cost.
- 5. What is your desired delivery for all 240 of each? I am working with the planners to get the lead time. Because there are multiple components involved, I might not have this answer by 12pm today. Knowing your target would be helpful. We do not a deadline for the project. It is time sensitive so we ask that you provide the best reasonable lead time for this large quantity.

Thanks, Shannon

Shannon Wood Automation Sales Engineer Stokes Electric

Sent from my iPhone

On Oct 1, 2024, at 10:22 AM, Dean, Samuel wrote:

Hi Shannon,

Yes. We needed to provide a performance spec on this one which is based it on the Smartmods that have been very reliable for us.

Sam Dean Senior Project Manager SCS RMC

From: Shannon Wood

Sent: Tuesday, October 1, 2024 10:11 AM

**To:** Dean, Samuel Patrick Presto

Cc: Hostetter, David

Subject: RE: Request for Proposal

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Sam!

These specs line up with the Horner SmartMod product. Is that where you were headed with this?

Shannon Wood

**Automation Sales Engineer** 

Cell: (preferred)

<image001.png>

Stokes Electrical Supply

One Stop Controls

3401 Northwood Ave. Easton, PA 18045

100 Keystone Avenue Emmaus, PA 18049

Office

Office

From: Dean, Samuel

Sent: Monday, September 30, 2024 11:30 PM

To: Patrick Presto

Cc: Hostetter, David

Subject: Request for Proposal

Importance: High

Hi Patrick,

We are requesting a quote per the attached specification to source a large quantity of devices for a project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Wednesday, October 2.

Thanks and let me know if you have any questions.

Best regards,

Sam Dean

Senior Project Manager

**SCS RMC** 

www.scsengineers.com



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### **SALES QUOTATION**

ORDER:	5053387
DATE:	10/01/2024
EXPIRES:	10/31/2024
ACCOUNT:	200177
CONTACT:	Sam Dean
PHONE:	
PAGE:	1 of 1

SOLD TO	SHIP TO

Stearns, Conrad & Schmidt Engineers, Inc. 3900 Kilroy Airport Way, Suite 100 Long Beach, CA 90806 **Stearns, Conrad & Schmidt Engineers, Inc.** 3900 Kilroy Airport Way, Suite 100

Long Beach , CA 90806

CONTACT: Sam Dean

CUSTOMER PO			TERMS		ENTERED BY			
Hor	ner Smart Mod for LF Well Applica	ation	Net 30 Days	Shannon Wood		let 30 Days Shannon Wood		od
L	ITEMS	DE	ESCRIPTION	QTY	NET PRICE	EXT PRICE		
1	HOR HE359ADC120	res	hannel Analog Inputs, Current (4-20mA), 1uA olution, 2000vac isolation (ch-RS485 & ch- wer)	240 EA				
		26	pcs in stock.					
	COMMENT:	Shi	p complete (240 pcs) in 6-8 weeks or partial shipments	s as they b	ecome available.			
2	HOR HE359THM100	J,K ma	hannel Thermocouple Inputs (Types ,R,S,B,E,T,N) or millivolt inputs (+/-1000mV, x). 0.1 degrees Celsius resolution, 2000vac lation (ch-RS485 & ch-power)	240 EA				
		43	pcs in stock.					
	COMMENT:	Shi	p complete (240 pcs) in 6-8 weeks or partial shipments	s as they b	ecome available.			
	R NOTES:Pricing is only valid for the qus NCNR - non-cancellable non-returnable		sted. Blanket PO okay with scheduled releases to be ta	aken withir	n 4 months of receipt of	order. Orders ove		
RDE	R NOTES:Freight is additional, Ex Work	s: India	napolis, IN 46201					
Va sir	ocerely appreciate the opportunity to quick	ote on W	our requirements and look forward to receiving your or	der Cul	ototal:			
		•	ts. Please advise of any changes necessary. Thank yo		notal.			
	, , , , , , , , , , , , , , , , , , , ,		, ,		ight:			
lease	e email your orders to orders@stokesele	ectric.co	m	Sal	es Tax:			
	is no tax calculated on this quote			Tot				

\_Date\_\_

# Advantech



## Advantech Corporation | 380 Fairview Way, Milpitas, CA 95035, USA 8 am-8 pm (EST) Mon-Fri

**Contact Us** Home **About Us** Support

#### Dear Customer

Thank you for choosing Advantech products and services!

The quotation number ANAQ105584 has been created upon your request. Please contact your Advantech Sales Representative if you have any questions regarding this quotation.

C	Quote No: ANA	Q105584	Version: 1	Quote D	ate: 10/08/2024		Expiration D	ate: 11/07/2024
		Sold to	1			S	hip to	
	Company:	SCS Engineers	, Lancaster - Leola		Company:	SCS Eng	gineers, Lancaste	er - Leola
	Address:	3160 Oregon P United States L	ike Leola Pennsylvani eola PAUS 17540	ia 17540	Address:		tates	
	Tel:				Address2:			
	Attention:				Tel:			
	Atternion.				Attention:			
ale	s Representati	ve: Sharon R	oy-Cain (D55) Em	ail:		Phone I	No:	
No.	Part No	)	Descripti	on	Order Qty.	NCNR	Unit Price	Extended Price
1	ADAM-4118-C	8-Ch	Thermocouple Input	Module	240			
2	ADAM-4117-C	8-Ch	Al Module		240			
	pping Method: E	Ex Works					Sub Total:	
Pay PO;	ment Method:				* 5	Shipping	& Handling:	
Not						*	Tax(0.00 %):	
						Re	ecycling Fee:	
							Total:	
					*Indicates a	n Estimat	ed Value	

Prices and specifications are subject to change with the market conditions. Advantech will communicate any changes accordingly before accepting customer orders.

\*All prices are in US dollars, EX Works Milpitas, CA, USA

Advantech products that are subjected to tariffs, the pricing can be added without prior notification to cover such cost. It may or may not be removed pending on the current events with respect to the future tariffs negotiations between U.S. and China governments.

Advantech Rescheduling Policy:

- 1) No rescheduling can be made within 4 weeks of the ship date.
- 2) Notification of push out request must be given within 4-8 weeks prior to the ship date, with a maximum push out of 4 weeks.
- 3) Notification within 8 weeks or more must be given if the order is to be pushed out beyond 4 weeks with a maximum 8 week push out date.
- 4) Anything beyond 8 weeks will be rejected.
- 5) Rescheduling of any order is limited to 1 time per PO.

Any orders that ship to the following jurisdictions are charged sales tax AZ, CA, CO, CT, FL, GA, IA, IL, IN, KS, KY, MA, MD, MI, MN, NC, NJ, OH, PA, TN, TX, WA, WI and VA If you are exempt from sales tax, select the Resale box during the checkout process. Upon receiving the proper paperwork, Advantech will not include such taxes in the final invoices.

The export of any products or software purchased from Advantech must be made in accordance with all relevant laws of the United States, including and without limitation, the US Export Administration Regulations. This may require that you obtain a formal export license or make certain declarations to the United States Government regarding products to be exported, their destination or their end-use.

Please refer questions regarding the provided quotation on these terms and conditions to the indicated sales representative.

## Best regards, Advantech Corp

# Instrumart

#### Hostetter, David

From: Dwight Mohn

Sent: Thursday, October 10, 2024 2:58 PM

**To:** Sedillo, Dana

**Cc:** Dean, Samuel; Hostetter, David

**Subject:** Re: Request for Quote

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

## Hello Dana,

Sorry for the delay and thank you for contacting Instrumart in your search for industrial equipment. As a distributor we strive to provide ideal solutions and support for a broad array of products and industries. At this time, we do not have access to this product, nor a suitable alternative. Please visit our website for future inquiries, as we are constantly adding partners to our portfolio.

Sincerely,

Dwight Mohn
Senior Applications Engineer

Instrumart® | Line Card
800-235-8367 (Toll-Free US/Canada)
(Phone)
(Fax)

Follow us: Instrumart Blog

----- Forwarded message -----

From: **Sedillo, Dana** 

Date: Tue, Oct 8, 2024 at 10:47 AM

Subject: Request for Quote

To:

Cc: Dean, Samuel , Hostetter, David

Hi Lindsey,

We are requesting a quote per the attached specification to source a large quantity of devices for a project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Thursday, October 10.
Thanks and let me know if you have any questions.
Thank You,
Dana Sedillo
Project Coordinator
SCS RMC
Driven by Client Success
www.scsengineers.com

# ATTACHMENT F (COMPONENT #6) – SOLAR POWER SYSTEM

- Requests for Quotations and Vendor/Manufacturer/Distributor Quotes and Responses
  - o LiTime Batteries
  - o Amazon Batteries, charge controllers, and solar panels
  - o Newpowa Batteries, charge controllers, and solar panels
  - o Battleborn Batteries Batteries and charge controllers
  - o Renogy Charge controllers and solar panels

# LiTime

From: <u>LiTime</u>
To: <u>Dean, Samuel</u>

Subject: Re:Quote Request for Large Quantity

Date: Tuesday, October 1, 2024 8:27:25 AM

Attachments: LOGO.png

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Dean,

Here is Kandy from customer service team.

12V 50Ah, I can provide you with per set, and it is tax-free.

If you think the price is suitable, please provide me with your delivery address information, and I will make a proforma invoice for payment after receiving your reply. We need to pay the full amount first and then arrange the delivery.

# Kandy

Online Sales & Consulting (OSC) Department From LiTime (Originate from Ampere Time)

Website: <a href="www.litime.com">www.litime.com</a>
E-mail:service@litime.com



We believe the best is yet to come.

We'd love to hear from you and innovate to better power your life & discovery.

From:Dean, Samuel

Send Time: 2024年10月1日(星期二) 19:42

To:service<service@litime.com>

Cc:"Hostetter, David"

Subject: Quote Request for Large Quantity

Hello,

I am inquiring about the availability of your LiTime 12V 50Ah Lithium battery for a quantity of 240? We are looking for pricing and lead time to source a large quantity.

Please let me know if there is a higher volume discount at this quantity and what the lead time would be.

Thank you.

Sam Dean Senior Project Manager SCS RMC



www.scsengineers.com

# Amazon

Bulk ordering / Quote results

#### REQUEST SENT

# LiTime 12V 50Ah Lithium LiFePO4 Bat-10/08/2024

Total items: 1 | (Quote #682e9384-30cb-4693-8194-34ec3d1b9cb8\_1728399670713)

View Request Timeline

Select all	Product	Quantity	Availability	Seller	Status	Price + Shipping
OR TO A L	LiTime 12V 50Ah Lithium LiFePO4 Battery Built in BMS, 10 Years Lifetime 4000+ Cycles Output Power 640W, Perfect for Boat Marine Trolling motor Camping  ASIN: B08K7MKRF7 Condition: New	Requested Quantity: 240	We are still waiting fo	or offers. We wi	ll notify when n	ew offers are provided.

Bulk ordering / Quote results

#### REQUEST SENT

# Victron Energy BlueSolar MPPT Solar-10/08/2024

Total items: 1 | (Quote #3418a172-54c4-40d6-9761-8b2824ccea81\_1728401555310)

View Request Timeline

Select all	Product	Quantity	Availability	Seller	Status	Price + Shipping
Memory of the control	Victron Energy BlueSolar MPPT Solar Charge Controller - Charge Controllers for Solar Panels - 75V, 10 amp, 12/24- Volt  ASIN: B018M88G5C Condition: New	Requested Quantity: 240	We are still waitin	ng for offers. We w	ill notify when	new offers are provided.

## **BLACK BACKSHEET FOR HIGHER EFFICIENCY GENERATION**

















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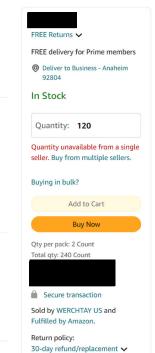
100 Watt Solar Panel 2Pcs 12V/24V High-Efficiency Monocrystalline Solar Panel, 12BB Solar Cells, for Home RV Marine Farm Battery and Other Off-Grid Applications

Visit the WERCHTAY Store 3.5 ★★★☆☆ ✓ 21 ratings | Search this page List Price: Quantity Price 🗸 You Save: Buy more, save more



Brand WERCHTAY Monocrystalline Silicon Material Product 18.11"L x 1.18"W x 39.76"H **Dimensions** Item Weight 13 Pounds Efficiency 24% Conversion

About this item



# Newpowa

### Hostetter, David

From: Maribel Rivera - Newpowa

Sent: Thursday, October 10, 2024 4:17 PM

**To:** Dean, Samuel; Sedillo, Dana

Cc: Hostetter, David

**Subject:** RE: Product question response

Attachments: NPA120S-24I.pdf; NPA-MT1550EU.PDF; BB5024 Datasheet.pdf; NQT0136.pdf

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

MY APOLOGIES, I missed adding spec sheets for all the quoted specs in my previous email.

Best regards,

**Maribel Rivera** 

**Operations Manager** 



Newpowa (America) Inc.

Phone: +1 Direct Cell:

Address: 3633 Inland Empire Blvd, Ste 600. Ontario CA 91764

Web: www.newpowa.com

Facebook | Google | Instagram | Youtube

From: Maribel Rivera - Newpowa

Sent: Thursday, October 10, 2024 1:12 PM

To: Dean, Samuel Sedillo, Dana

Cc: Hostetter, David

Subject: RE: Product question response

Importance: High

Good afternoon, Find quote attached.

#### Best regards,

#### **Maribel Rivera**

## **Operations Manager**



Newpowa	(Amorica)	lno.
Newbowa	America	) IIIC.

Phone: +1 | Direct Cell:

Address: 3633 Inland Empire Blvd, Ste 600. Ontario CA 91764

Web: www.newpowa.com

Facebook | Google | Instagram | Youtube

From: Dean, Samuel ■

Sent: Wednesday, October 9, 2024 12:18 PM

To: Maribel Rivera - Newpowa Sedillo, Dana

Cc: Hostetter, David

**Subject:** RE: Product question response

Hi Maribel.

The shipping cost does not need to be included on your quote.

Sam Dean Senior Project Manager SCS RMC

## www.scsengineers.com

From: Maribel Rivera - Newpowa

Sent: Wednesday, October 9, 2024 2:08 PM

To: Sedillo, Dana

Cc: Dean, Samuel Hostetter, David

**Subject:** RE: Product question response

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Dana for your quick response and clarification.

Can you confirm one last thing, will freight be required to list on the quote, or will shipment be handled by SCS directly? If you need freight included, can you please confirm the complete delivery address.

Best regards,
Maribel Rivera
Operations Manager
Newpowa (America) Inc.
Phone: +1 Direct Cell:
Address: 3633 Inland Empire Blvd, Ste 600. Ontario CA 91764
Web: www.newpowa.com
Facebook   Google   Instagram   Youtube
From: Sedillo, Dana Sent: Wednesday, October 9, 2024 10:43 AM To: Maribel Rivera - Newpowa
Cc: Dean, Samuel Hostetter, David Subject: FW: Product question response
Cc: Dean, Samuel Hostetter, David
Cc: Dean, Samuel Hostetter, David Subject: FW: Product question response  Hi Maribel,
Cc: Dean, Samuel Hostetter, David Subject: FW: Product question response  Hi Maribel,  See our response below.
Cc: Dean, Samuel Hostetter, David Subject: FW: Product question response  Hi Maribel, See our response below.  Thank You,  Dana Sedillo Project Coordinator

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Good morning,

In regards to your request, we have a few questions before we can send you our quote:

• We are unable to supply batteries - the battery below is what we need- pulled from your site.

X have required to the fine format and the fin	

- The largest charge controller we have available is our 60A controller (specs attached for your reference) –
   To clarify, the spec is for a Victron 75/10 charge controller or equivalent which is 15amp load/ 10amp charge rating
- We do not carry a 100W/24V unit, however we do carry a 120W/24V. This unit does not have UL rating. Can
  we still quote this for you? yes

Best regards,

Maribel Rivera

Operations Manager

Newpowa (America) Inc.

Phone: +1 | Direct Cell:

Address: 3633 Inland Empire Blvd, Ste 600. Ontario CA 91764

# Facebook | Google | Instagram | Youtube

From: Lenette Ramirez - Newpowa
Sent: Wednesday, October 9, 2024 9:50 AM
To: Maribel Rivera - Newpowa
Subject: Fw: Product question response
Best Regards,
Lenette Ramirez
×
Novemberry America
Newpowa America
1815 Rustin Ave, Riverside CA 92507
1615 Rustill Ave, Riverside CA 92507
Office:
www.newpowa.com_
France Cadilla Dana
From: Sedillo, Dana
Sent: Wednesday, October 9, 2024 9:44 AM
To: Lenette Ramirez - Newpowa
Cc: Dean, Samuel Hostetter, David
Subject: RE: Product question response
Please see the attached
We are requesting a quote per the attached specification to source a large quantity of devices for a potential project.
Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting

Thanks and let me know if you have any questions.

equipment selections, quotes, and lead times by 12PM ET, Thursday, October 10.

Thank You,
Dana Sedillo
Project Coordinator
SCS RMC
Driven by Client Success
www.scsengineers.com
From: Lenette Ramirez - Newpowa Sent: Wednesday, October 9, 2024 9:27 AM To: Sedillo, Dana Subject: Product question response
This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.
Good afternoon, We are unable to open the attachment you added. Can you please resend in correct pdf format, or simply type your
request sku and quantities for a quote.
Regards
Newpowa team

Best Regards,

# **Lenette Ramirez**

×	Sections according to the section and court and top the hypothesis and contains.

# Newpowa America

1815 Rustin Ave, Riverside CA 92507

Office:

www.newpowa.com



**Estimate** 

3633 Inland Empire Blvd Suite 600 Ontario, CA 91764

Date	Estimate #
10/10/2024	NQT0136

Name / Address			
SCS ENGINEERS			

Project

Item	Description	Qty	Rate	Total
NPA120S-24I	Newpowa 120w/24V Monocrystalline solar panel 9BB  * NOT UL LISTED *	240		
NPA-MT1550EU	NewPowa ADVANCED MPPT 15A 12V/24V BATTERY REGULATOR WITH LCD DISPLAY UP TO 200W (gray w/LCD)  * NOT UL LISTED*	240		
MISC	BB5024 ( SHIPS DIRECTLY FROM BATTLE BORN BATTERY)  (CERTIFICATIONS PENDING)  TERMS: PREPAY LEAD TIME: ALL UNITS GOOD IN STOCK FOB RIVERSIDE CA (EXCEPT FOR BATTERY, WHICH SHIPS FROM DIRECT SUPPLIER. SHIPPING INCLUDED FOR THE BATTERY)	240		

		Total	
Phone #	E-mail		Web Site
	SALES@newpowa.com	wv	vw.newpowa.com



# NPA120S-24I

Monocrystalline Module

60 Cell

120W

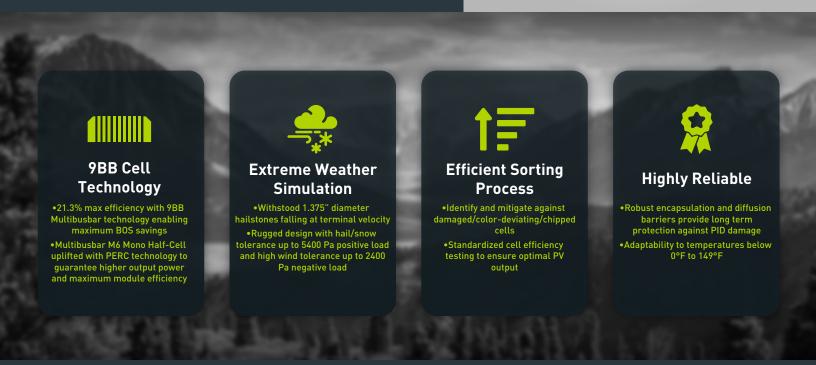
Monocrystalline Module

**Power Output** 

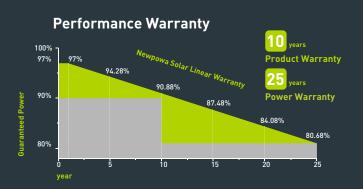
21.3%

**Maximum Efficiency** 





Positive mechanical load Positive Power Tolerance Warranty >5400Pa 0~+5W 25-year Linear Power Warranty





# **ELECTRICAL CHARACTERISTICS**

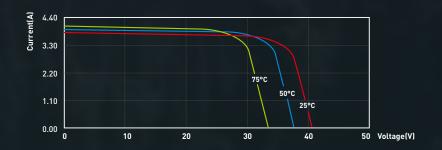
Туре	NPA120S-24I	
Power Output(W)	120W	
Voltage MPP Vmp(V)	34.74V	
Current MPP Imp(A)	3.47A	
Voltage Open Circuit Voc(V)	40.07V	
Short Circuit Current Isc(A)	3.66A	
Temperature Coefficient Of Voc	-(80±10)mV/°C	
Temperature Coefficient Of Isc	(0.065±0.015)%/°C	
Temperature Coefficient Of Power	-{0.5±0.05}%/°C	
NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s)	47±2°C	
CTO 4000W/ 21 1' 0500 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

STC: 1000W/m² Irradiance, 25°C module temperature, AM1.5g spectrum according to EN 60904-3

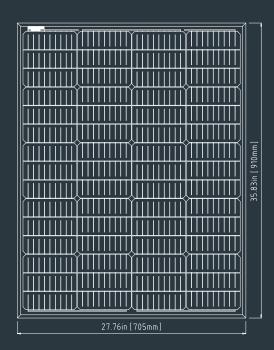
# **MECHANICAL CHARACTERISTICS**

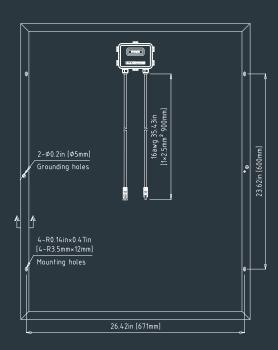
Cells	Monocrystalline Silicon
Solar Cells Grade	Class A High Efficiency
Module Dimension(in./mm)	35.83[910]x27.76[705]x1.18[30]
Weight(lbs/kg)	16.03[7.27]
Packing Information(in./mm)	37.40[950]x29.33[745]x1.38[35]/(1pc/ctn)

# I-V CURVES (Irradiance: AM1.5, 1kw/m²)



\*Specifications subject to technical changes and tests NEWPOWA reserves the right of nal interpretation.















# MT1550EU

# Charge Controller

- Innovative Max Power Point Tracking(MPPT) technology, tracking efficiency >99.9%
- Full digital technology, high charge conversion efficiency up to 98%
- LCD display design, read operating data and workingcondition easily
- 12/24V system voltage
- AGM, Liquid and GEL battery for selection
- External temperature sensor
- Four stages charge way: MPPT, boost, equalization, float
- With current-limiting charging mode



# **SPECIFICATIONS**

Type MT1550EU	
System voltage	12V
Max solar/Load current	15A
Boost voltage	14.5V (25°C)
Equalization voltage	14.8V (25°C)
Float voltage	13.7V (25°C)
Overcharge protect	15.5V
Max volt on Bat. terminal	20V
Day/Night threshold	8.0V
Battery type	AGM, Liquid and GEL
Temperature compensation	-4.17mV/K per cell (boost,equalization), -3.33mV/K per cell (float)
Max volt on PV(-20°C)	35V
Max volt on PV(-25°C)	30V
Max input power	200W
Dimensions [in/mm]	7.44[189] x 3.78[96] x 2.09[53]
Weight [lbs/g]	0.93[420]
Self-consumption	7mA
Ambient temperature	-20 ~ +55°C













# **Model BB5024**

50AH 24V LiFePO<sub>4</sub> Deep Cycle Battery **Data sheet** 

Electrical Specification			
Voltage	24V		
Capacity	50AH		
Operating Temperature	- 4°F (-20°C) to 135°F (57.2°C)		
Efficiency	99%		
Self Discharge	2-3% per month		
Maximum Series Voltage	48V		
Cycles	3K-5K		
Built-in BMS	Internal		
Resistance	25 mΩ		
Usable DoD	100%		

Discharging Specification		
Max Discharge Current	50A	
Peak Discharge Current	100A for 30 Seconds	
Surge for Loads over 500A	.5 Seconds	
Recommended LVD	21V	
BMS Discharge Voltage Cut-Off	20V	
Reconnect Voltage	20V	
Short Circuit Protection	Yes	

Recognized Specification			
Certifications	Pending		
Shipping Class	UN3480, Class 9		

Drawing Specification		
6.86	12.28	

Charging Specification					
Recommended Charge Current	.5c				
Max Charge Current	25A				
Absorption Voltage	28.4V-29.2V				
Float Voltage	26.8V-27.6V				
Equalization Voltage (if applicable)	28.8V				
	15 Minutes				
Absorption Time	per 50AH				
	battery bank				
BMS Charge Current Cut-Off	.5C Recommended				
Recharge/Rebulk Voltage	26.6V				
BMS Cell Balancing Voltage Range	28.4V-29.2V				
High BMS Voltage Protection	29.4VDC				
Temperature Compensation	No/Disable				

Mechanical Specification				
Dimensions	12.76"L X 6.86"W			
	X 8.95"H			
Weight	31 lbs.			
Terminal Type	.25" Brass			
Terminal Hole	3/8" hole and 3/8"			
	or 5/16" hardware			
	is suggested			
Terminal Torque	9-11 Ft-lb.			
Case Material	ABS Fire Rated			
Cell Type - Electrolyte	LiFeP04			
Sealed and Water	Non-Submersible			
Resistant Case				

Temperature Specification				
Discharge Temperature	-4°F to 135°F			
	(-20°C to 57.2°C)			
Charge Temperature	25°F - 135°F			
Storage Temperature	-10°F to 140°F			
	(-23°C to 60°C)			
BMS High Temperature Cut-Off	>135°F			
BMS Reconnect Temperature	<135°F			

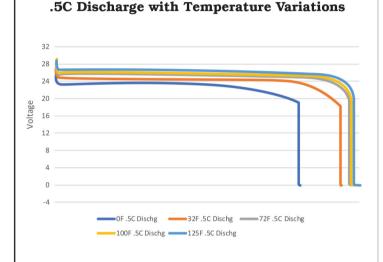




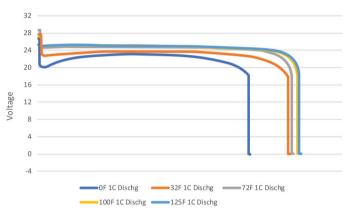
# **Model BB5024**

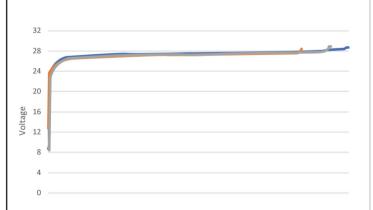
50AH 24V LiFePO<sub>4</sub> Deep Cycle Battery **Data sheet** 

# **Performed Operation Data**



#### 1C Discharge Voltage with Temperature Variations

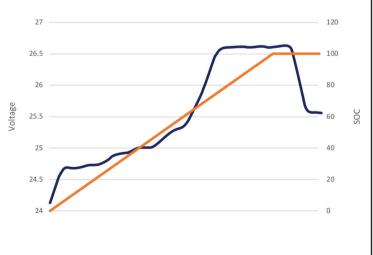




■32F .5C Charge ■ 72F .5C Charge ■ 100F .5C Charge

.5C State of Charge with Temperature Variations

#### Standard Charge Curve with 3 Stage Charger



\*Note: The storage temperature range is -10°F to 140°F (-23°C to 60°C). We recommend bringing the Battle Born Batteries to a 100% charge and then disconnecting them completely for storage. After six months in storage, your batteries will remain 75 – 80% charged.

Storing batteries in subzero weather (-15°F or more) has the potential to crack the ABS plastic and more importantly could cause a faster loss of capacity, in some cases drastically more than the typical 2-4% per month loss.

# Battleborn Batteries

### Hostetter, David

From: Jacob Mariani

Sent: Thursday, October 10, 2024 11:32 AM

**To:** Sedillo, Dana

**Cc:** Dean, Samuel; Hostetter, David

**Subject:** RE: Request for Quote

Attachments: SCS Engineers - Project Proposal - Revised Pricing - 10-10-24.pdf

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

# Good Morning Dana,

Please see the attached document for revised pricing per the proposal I had sent yesterday.

Cost of shipping would be covered by us for this order if SCS would like to proceed with this order.

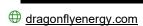
Please let me know if you have any questions.

Best regards, Jacob

## Jacob Mariani

**Business Development Associate** 





1190 Trademark Dr. #108
 Reno, Nevada 89521













IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.

From: Sedillo, Dana

Sent: Wednesday, October 9, 2024 9:22 AM

To: Jacob Mariani

Cc: Dean, Samuel Hostetter, David

Subject: Request for Quote

Hi Jacob,

We are requesting a quote per the attached specification to source a large quantity of devices for a potential project. The items in the attached previous quote will work, however, the battery does *not* need to be low temp.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Thursday, October 10.

Thanks and let me know if you have any questions.

Thank You,

Dana Sedillo Project Coordinator SCS RMC

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www.scsengineers.com



**Quote** #QUO26708

Bill To Ship To



Expires	Exp. Close	Sales Rep	Shipping Met	Shipping Method	
11/8/2024	10/9/2024	Jacob Mariani			
Quantity	Item		Тах	Rate	Amount
240	BB5024 Battle Born 24V 50A	<b>h</b>	Yes		
240	SCC075010060R SmartSolar Bluetooth	<b>th</b> Yes			
			Subtotal		
			stimated hipping Cost		
			<b>Discount Total</b>		
			Tax Total (0%)		
			Total		

# **Comments or Special Instructions:**



# Renogy

# Dean, Samuel

From: Sales Support

Sent: Tuesday, October 8, 2024 6:36 PM

**To:** Sedillo, Dana

**Cc:** Dean, Samuel; Hostetter, David

**Subject:** RE: Request for Quote

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Dana,

We regret to inform you that our controller does not meet the requirements you listed on the file that you sent.

Best regards

Julian

From: Sedillo, Dana

Sent: Tuesday, October 8, 2024 9:00 AM

To: Sales Support

Cc: Dean, Samuel Hostetter, David

Subject: Request for Quote

Hello,

We are requesting a quote per the attached specification to source a large quantity of devices for a project.

Please note that this is a time sensitive project so the lead time is critical for us to evaluate. We are requesting equipment selections, quotes, and lead times by 12PM ET, Thursday, October 10.

Thanks and let me know if you have any questions.

Thank You,

Dana Sedillo Project Coordinator

**SCS RMC** 

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