



COMISSÃO NAVAL BRASILEIRA EM WASHINGTON

5130 MacArthur Boulevard, NW
Washington, D.C., 20016
Tel.: (202)244-3950 Fax: (202) 363-5138

NOTA EXPLICATIVA - TJIL 014/2023 da BASHID - ESCLARECIMENTO SOBRE O VALOR DO REPARO.

1- OBJETIVO

Esclarecer que o valor indicado no Termo de Referência é uma estimativa calculada com base em uma previsão inicial. Este valor é definido antes que a empresa possa realizar uma verificação detalhada do material em questão.

A avaliação completa, após o recebimento do material pela empresa, determinará se o material requer apenas calibração ou se há necessidade adicional de reparo e calibração. Após esta análise pela empresa, é elaborada uma cotação final que reflete o custo real dos serviços necessários.

2- DOS FATOS E FUNDAMENTOS

O valor total estabelecido no Termo de Referência foi de USD 11.090,00. Contudo, o valor apresentado pela empresa após a avaliação foi de USD 12.050,00. O valor atualizado foi formalmente comunicado à Base de Hidrografia da Marinha por meio da mensagem MSG R021832Z/JUL/2024 de NAVUSA.

Elaborado por:

ELIAS FERREIRA DA SILVA

Capitão de Fragata (T)

Encarregado da Divisão de Licitações, Acordos Administrativo e Contratos Especiais

ENVIADO



SEA-BIRD
SCIENTIFIC

Sea-Bird Electronics, Inc.

13431 NE 20th Street
Bellevue, WA 98005 United States

(Do Not Send Payments To This Physical Address – See Remit to Information)

Phone

+1-425-643-9866

www.seabird.com

1005519214

13-SEP-2024

201525214

SERVICE FINAL QUOTE

Service Request

Date

Sales Order

CUSTOMER INFORMATION

Name: BRAZILIAN NAVAL COMMISSION
Account : 40280679
JONEI RIBEIRO
JONEI.RIBEIRO@MARINHA.MIL.BR
55-21-2189-3304

PO Number:

Bill To Address

BRAZILIAN NAVAL COMMISSION
5130 MACARTHUR BLVD NW
BASE DE HIDROGRAFIA DA MARINHA EM NITERO
WASHINGTON,DC,20016-3344,US

Ship To Address

BRAZILIAN NAVAL COMMISSION
5130 MACARTHUR BLVD NW
BASE DE HIDROGRAFIA DA MARINHA EM NITERO
WASHINGTON,DC,20016-3344,US

PRODUCT INFORMATION

Item: 03P.210

Item Description: oo - SBE3PLUS TEMP, GE PROBE, 6800M, XSG

Serial: 03-4884 *NO SERIAL-2023-0037 ✓*

Special Notes

Services Performed:
Perform initial diagnostic evaluation.
Performed "POST" cruise calibration.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-03	Comprehensive service of SBE 3F and SBE 3P, including all minor and one major repair, such as replacement of the temperature probe. Includes standard sensor calibration: 11-points, -1 to 32.5 deg C.	1	330.00 USD		330.00 USD

Unbilled Items

Item	Item Description	Qty

✓



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SERVICE FINAL QUOTE

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Date

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PRODUCT INFORMATION

Item: 43.LEGACY

Item Description: (LEGACY) SBE 43 Oxygen Sensor

Serial: 431345 *019 43810-2023.00025 ✓*

Special Notes

Problems Found:

The membrane is damaged.

Services Performed:

- Perform initial diagnostic evaluation.
- Replaced the SBE 43 Anode sub assembly.
- Replaced the SBE 43 Getter sub assembly.
- Replaced the lid and membrane assembly (0.5 mil).
- Replaced the electrolyte with new fluid.
- Replaced the electronic board set.
- Replaced the pressure compensation bag.
- Replaced the O-rings.
- Performed a hydrostatic pressure test.
- Performed a "Final" Calibration.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-43	Comprehensive service of SBE 43, including all minor and one major repair such as replacement of the membrane.	1	660.00 USD		660.00 USD

Unbilled Items

Item	Item Description	Qty
31087	PRESSURE COMPENSATION BAG, SBE43, DWG /21716A	1
41099T	TESTED SBE43 OXYGEN INTERFACE	1
801576	SBE43 LID & MEMBRANE SUB-ASSY, .5MIL MEMBRANE	1
801230	SBE43 ANODE SUB-ASSEMBLY / DWG 41092	1
801229	SBE43 GETTER SUB-ASSEMBLY / DWG 41091	1



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SERVICE FINAL QUOTE

Service Request

Date

Sales Order

PRODUCT INFORMATION

Item: 03P.LEGACY

Item Description: (LEGACY) SBE 03Plus Temperature Sensor

Serial: 032500 *WD 51212 - 2023 - 00040*



Special Notes

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-03	Comprehensive service of SBE 3F and SBE 3P, including all minor and one major repair, such as replacement of the temperature probe. Includes standard sensor calibration: 11-points, -1 to 32.5 deg C.	1	330.00 USD		330.00 USD

Unbilled Items

Item	Item Description	Qty



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SERVICE FINAL QUOTE

Service Request

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Date

13-SEP-2024

Sales Order

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PRODUCT INFORMATION

Item: 03P.LEGACY

Item Description: (LEGACY) SBE 03Plus Temperature Sensor

Serial: 03P5176

Special Notes

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-03	Comprehensive service of SBE 3F and SBE 3P, including all minor and one major repair, such as replacement of the temperature probe. Includes standard sensor calibration: 11-points, -1 to 32.5 deg C.	1	330.00 USD		330.00 USD

Unbilled Items

Item	Item Description	Qty



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SERVICE FINAL QUOTE

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Date

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PRODUCT INFORMATION

Item: 03P.LEGACY

Item Description: (LEGACY) SBE 03Plus Temperature Sensor

Serial: 03P4821

Special Notes

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-03	Comprehensive service of SBE 3F and SBE 3P, including all minor and one major repair, such as replacement of the temperature probe. Includes standard sensor calibration: 11-points, -1 to 32.5 deg C.	1	330.00 USD		330.00 USD

Unbilled Items

Item	Item Description	Qty



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Date

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PRODUCT INFORMATION

Item: 03P.LEGACY

Item Description: (LEGACY) SBE 03Plus Temperature Sensor

Serial: 03P4983

03P4983-03P-00026V

Special Notes

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-03	Comprehensive service of SBE 3F and SBE 3P, including all minor and one major repair, such as replacement of the temperature probe. Includes standard sensor calibration: 11-points, -1 to 32.5 deg C.	1	330.00 USD		330.00 USD

Unbilled Items

Item	Item Description	Qty



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SERVICE FINAL QUOTE

Service Request

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Date

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Sales Order

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PRODUCT INFORMATION

Item: 04C.LEGACY

Item Description: (LEGACY) SBE 04C Conductivity Sensor

Serial: 04-4368

NO 51812-9004-0049 (51812-2023-00032-CAN)

Special Notes

Problems Found:

The sensor was found to be flooded.

Flooding appears to have been through the end cap/ bridged O-ring.

The sensor is unrepairable and will be returned "AS IS".



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SERVICE FINAL QUOTE

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Date

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Sales Order

201525214

PRODUCT INFORMATION

Item: 04C.LEGACY

Item Description: (LEGACY) SBE 04C Conductivity Sensor

Serial: 043584

10-11-2024-0033 ✓

Special Notes

Problems Found:

The electronic board set has damaged components.
The conductivity has excessive drift.

Services Performed:

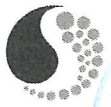
- Perform initial diagnostic evaluation.
- Performed "POST" cruise calibration.
- Replaced the electronic board set.
- Replaced the conductivity cell.
- Replaced the O-rings.
- Performed a hydrostatic pressure test.
- Performed a "Final" Calibration.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-04	Comprehensive service of SBE 4M and 4C, including all minor and one major repair, such as replacement of the conductivity cell. Includes standard sensor calibration: 6-points, 2 to 6 S/M in natural seawater.	1	550.00 USD		550.00 USD

Unbilled Items

Item	Item Description	Qty
80994T	SBE-4 (ver. 2) conductivity electronics	1
80009.2	CONDUCTIVITY CELL, 6800M ALUMINUM ASSEMBLY	1
23548	Zinc anode ring (sensors with tubing connector)	1



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SERVICE FINAL QUOTE

Service Request

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Date

13-SEP-2024

Sales Order

201525214

PRODUCT INFORMATION

Item: 04C.LEGACY

Item Description: (LEGACY) SBE 04C Conductivity Sensor

Serial: 041497

041497-2023-00030 ✓

Special Notes

Problems Found:

The sensor is flooded, due to a broken conductivity cell.

The sensor cannot be repaired and will be returned "AS IS".



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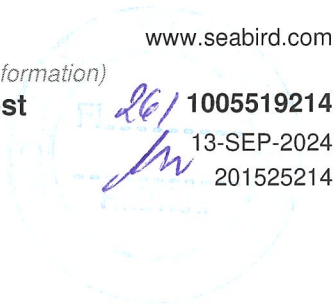
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SERVICE FINAL QUOTE

Service Request

Date

Sales Order



PRODUCT INFORMATION

Item: 43.LEGACY

Item Description: (LEGACY) SBE 43 Oxygen Sensor

Serial: 431581

W05J2J2 - 2023-00034 ✓

Special Notes

Problems Found:

The sensor is flooded and unrepairable.

The sensor will be returned "AS IS".



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SERVICE FINAL QUOTE

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Date

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PRODUCT INFORMATION

Item: 21.LEGACY

Item Description: (LEGACY) SBE 21 Thermosalinograph

Serial: 2113331-2130 *WO 51212 - 2023-0004* ✓

Special Notes

Problems Found:

- The 1-pin connector is broken.
- The 4-pin connector is broken.
- The electronic board set was found to be damaged.
- The conductivity cell is damaged.
- The temperature probe is damaged.

Services Performed:

- Perform initial diagnostic evaluation.
- Replaced the 4-pin connector.
- Replaced the 1-pin connector.
- Installed V4 electronics.
- Replaced the temperature probe.
- Replaced the conductivity cell.
- Replaced the O-rings.
- Performed a hydrostatic pressure test.
- Performed a "Final" Calibration.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-21	Comprehensive service of SBE 21 and SBE 21P, including all minor and one major repair such as replacement of the temperature probe, or conductivity cell.	1	1,222.00 USD		1,222.00 USD

Unbilled Items

Item	Item Description	Qty
41111	SBE21 V4 THERMOSALINOGRAPH MOTHERBOARD	1
801290	SEACATplus ELECTR. RETAINER ROD ASSY /76008	1
801753T	SBE21 PCB ASSY, V4 ELEC'S, V2 DIGITAL BOARD	1
30815	O-RING, MIL SPEC NAS1611-233 EP 2-233	1
23985.1	SBE21 ENDCAP, Ti w/ SLOTS & HOLES	1
801097.2	SEACAT TEMP PROBE ASSEMBLY, 1.55" LENGTH	1
17654	Bulkhead connector, 4-pin Standard, XSG-4-BCL-HP-SS	1
17724	Bulkhead connector, 1-pin, XSA-BCL (SBE 21 grounding)	1
231795	SEACAT PLUS PCB RETAINER	1
80888	TITANIUM SEACAT CELL ASSEMBLY, VERSION 2	1



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SERVICE FINAL QUOTE

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Date

13-SEP-2024

Sales Order

201525214

Sea-Bird will prepay return shipping charges and the US Customs Entry Fee (required to clear your instrument through customs) and add these amounts to our invoice unless instructed otherwise.

Terms:

Prices in USA Dollars, . Freight and insurance charges can be billed collect or prepaid and added to our invoice. Shipping collect applies only to orders that are being shipped via courier (UPS/DHL/FedEx) on your courier account. If you would like to use this method of shipping, please provide us with your courier account number upon submission of your PO, as we will need to make arrangements directly with the courier for pickup from our facility. Please be advised that Purolator and TNT are not couriers that we can use for shipment. Collect terms do not apply to orders shipping via our freight forwarder/airline. For orders shipped thru our forwarder, customer or their agent will be responsible for shipment including all customs formalities at destination airport. At this time, we cannot allow customers to arrange pickup from our facility by their own freight forwarder. Payment is due Net 30 days from date of shipment. A service charge (computed at an annual rate of 12% and beginning on the 31st day) will be assessed on all accounts not paid within 30 days. Payment can be made via VISA or Mastercard for our **US and Canadian customers only**. This quote is valid for 90 days.

International shipments:

Return shipping method is based off of the shipping method used to send equipment into us for repair. If goods are shipped to us by FedEx, we will return the equipment via FedEx. This method is based on the clearance process when goods are temporarily imported into the US.



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SERVICE FINAL QUOTE

Service Request

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Date

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Sales Order

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PRODUCT INFORMATION

Item: 09P.LEGACY

Item Description: (LEGACY) SBE 09Plus CTD

Serial: 09P46375-0882

WO 51212-3003-00042

Special Notes

Services Performed:

Perform initial diagnostic evaluation.

Performed pressure calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Billable Items

Item	Item Description	Qty	Unit Price	Discount	Net Price
SBS-SVC-09	Comprehensive service of SBE 9 and SBE 9P, including all minor and one major repair.	1	1,805.00 USD		1,805.00 USD

Unbilled Items

Item	Item Description	Qty

SUMMARY

Subtotal Excluding Freight and Handling	\$ 6,437.00
Freight & Handling Charges	\$ 360.00
Total Amount Due	\$ 6,797.00

PAYMENT INFORMATION

Address Purchase Orders and Other Payments For These Services As Payable To:

Sea-Bird Electronics, Inc.

13431 NE 20TH STREET
BELLEVUE, WA 98005 USA

FEDERAL ID (EIN): 91-1069098

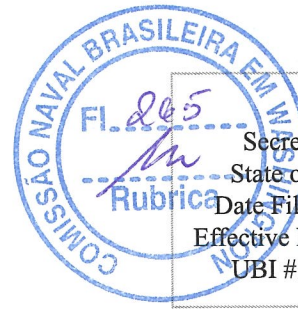
CHECK MAILING ADDRESS:
SEA-BIRD ELECTRONICS, INC.
16505 COLLECTIONS CENTER DR.
CHICAGO, IL 60693 USA

PAYMENT BY ACH: BANK OF AMERICA
1401 ELM ST 2ND FLOOR
DALLAS, TX 75202
ABA/EFT ROUTING 071923284
ACCOUNT 8765516670

WIRE TRANSFERS: BANK OF AMERICA
222 BROADWAY
NEW YORK, NY 10038 USA
ABA ROUTING 026009593 / ACCOUNT 8765516670
SWIFT CODE BOFAUS3N (USD) / BOFAUS6S (NON-USD)
CHIPS ADDRESS 0959
FOR BENEFITS OF SEA-BIRD ELECTRONICS, INC



WASHINGTON
Secretary of State
 Corporations & Charities Division



Filed
 Secretary of State
 State of Washington
 Date Filed: 06/24/2024
 Effective Date: 06/24/2024
 UBI #: 600 329 714

Amended Annual Report

BUSINESS INFORMATION

Business Name:

SEA-BIRD ELECTRONICS, INC.

UBI Number:

600 329 714

Business Type:

WA PROFIT CORPORATION

Business Status:

ACTIVE

Principal Office Street Address:

13431 NE 20TH ST., BELLEVUE, WA, 98005, UNITED STATES

Principal Office Mailing Address:

13431 NE 20TH ST., BELLEVUE, WA, 98005, UNITED STATES

Expiration Date:

04/30/2025

Jurisdiction:

UNITED STATES, WASHINGTON

Formation/Registration Date:

04/18/1979

Period of Duration:

PERPETUAL

Inactive Date:

Nature of Business:

MANUFACTURER OF OCEANOGRAPHIC SENSORS AND RELATED INSTRUMENTS AND SOFTWARE

REGISTERED AGENT [RCW 23.95.410](#)

Registered Agent Name	Street Address	Mailing Address
C T CORPORATION SYSTEM	711 CAPITOL WAY S STE 204, OLYMPIA, WA, 98501-1267, UNITED STATES	711 CAPITOL WAY S STE 204, OLYMPIA, WA, 98501-1267, UNITED STATES

PRINCIPAL OFFICE

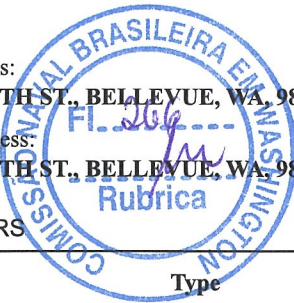
Phone:

Email:

CLS-CTARMSEVIDENCE@WOLTERSKLUWER.COM

Street Address:
13431 NE 20TH ST., BELLEVUE, WA, 98005, USA

Mailing Address:
13431 NE 20TH ST., BELLEVUE, WA, 98005, USA



GOVERNORS

Title	Type	Entity Name	First Name	Last Name
GOVERNOR	INDIVIDUAL		SAMEER	RALHAN
GOVERNOR	INDIVIDUAL		BERNARD	SKEETE
GOVERNOR	INDIVIDUAL		MICHAEL	VAGNINI
GOVERNOR	INDIVIDUAL		JAMES	TANAKA
GOVERNOR	INDIVIDUAL		MATTHEW	CHI

NATURE OF BUSINESS

- MANUFACTURER OF OCEANOGRAPHIC SENSORS AND RELATED INSTRUMENTS AND SOFTWARE

EFFECTIVE DATE

Effective Date:
06/24/2024

CONTROLLING INTEREST

1. Does this entity own (hold title) real property in Washington, such as land or buildings, including leasehold improvements?
- No
2. In the **past 12 months**, has there been a transfer of at least 16-2/3 percent of the ownership, stock, or other financial interest in the entity?
- No
 - a. If "Yes", in the **past 36 months**, has there been a transfer of controlling interest (50 percent or greater) of the ownership, stock, or other financial interest in the entity?
- No
3. If you answered "Yes" to question 2a, has a controlling interest transfer return been filed with the Department of Revenue?
- No

You **must** submit a Controlling Interest Transfer Return form if you answered "Yes" to questions 1 and 2a.

Failure to report a Controlling Interest Transfer is subject to penalty provisions of [RCW 82.45.220](#).

For more information on **Controlling Interest**, visit www.dor.wa.gov/REET.

RETURN ADDRESS FOR THIS FILING

Attention:
Email:
Address:

UPLOAD ADDITIONAL DOCUMENTS

Do you have additional documents to upload? - No

EMAIL OPT-IN

By checking this box, I hereby opt into receiving all notifications from the Secretary of State for this entity via email only. I acknowledge that I will no longer receive paper notifications.

AUTHORIZED PERSON

I am an authorized person.

Person Type:
INDIVIDUAL

First Name:
JAMES

Last Name:
TANAKA

Title:
AUTHORIZED PERSON

This document is hereby executed under penalty of law and is to the best of my knowledge, true and correct.



EM BRANCO