


MARINHA DO BRASIL  
COMISSÃO NAVAL BRASILEIRA EM WASHINGTON  
ATA DE ABERTURA DE PROPOSTA




Na data de 15 de outubro de 2021, às 10h, foi realizada a abertura das propostas, por meio do acesso à Caixa postal de cnbw.bid para acesso às propostas que subsidiarão o pregão eletrônico 03/2021, cujo objeto é a substituição do Sistema de Ar Condicionado e Aquecimento da CNBW. Somente foi enviada uma proposta da empresa Calvert Mechanical Solutions, a qual enviou o orçamento, incluindo o valor de material, no valor de USD 356,160.00, conforme cópia em anexo.

A referida abertura de propostas foi acompanhada pela Pregoeira e por membro da Equipe de Apoio, conforme Portaria CNBW/SGM/MB 32, de 04 de outubro de 2021.

Washington, DC, 15 de novembro de 2021.

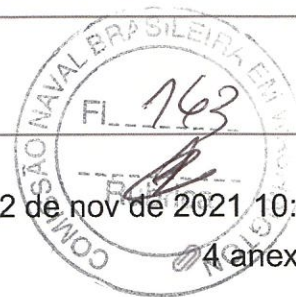
  
JOSILENE PENHA CAVALCANTE  
Capitão de Corveta (T)  
Pregoeira

  
GISELE ALVES BEAUDOIN  
Auxiliar Local  
Membro da equipe de Apoio

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**Brazilian Naval HVAC Retro-fit**

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**De :** Bryan Collins <bryanc@calvertinc.com>

sex, 12 de nov de 2021 10:49

**Assunto :** Brazilian Naval HVAC Retro-fit

**Para :** cnbw bid <cnbw.bid@marinha.mil.br>

4 anexos

Good morning, please see the attached proposal for the cost to retro-fit the HVAC system is the Brazilian Naval Commission in Washington DC. Please review and let me know if you have any questions. Thank you for your time and have a great day.



**Bryan Collins**  
*HVAC Sales Specialist*

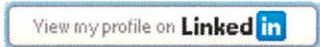
**Calvert Mechanical Solutions**

8801 Mylander Lane  
Towson, MD 21286  
Office: 410-323-5400 ext: 120  
Cell: 410-361-1368  
Fax: 410-323-0015  
Email: [bryanc@calvertinc.com](mailto:bryanc@calvertinc.com)  
[www.calvertinc.com](http://www.calvertinc.com)

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*“ Wherever we’re needed... Whatever it takes.”*

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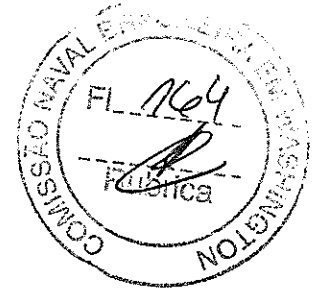
 **Brazilian Naval HVAC Retro-fit.pdf**  
176 KB

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# Calvert

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**Submitted To: The Brazilian Naval Commission**  
**5130 MacArthur Blvd.**  
**Washington, DC 20016**  
**Attn: Mr. Joao Pereira**  
**RE: HVAC Retrofit**  
**November 11, 2021**

**Calvert is pleased to present the following quotation to install (2) new HVAC system and (1) new boilers in the Brazilian Naval Commission located at 5130 MacArthur Blvd in Washington DC 20016.**

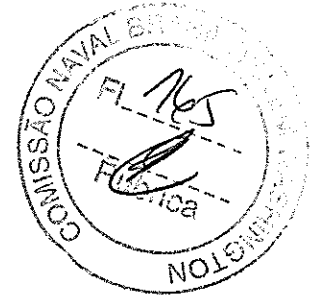
**Scope of Work (30 Ton Units):**

- Calvert will shut down the existing 30 Ton York Split systems. ✓
- Calvert will remove the refrigerant according to EPA regulations. ✓
- Calvert will disconnect and remove the existing AHU's. ✓
- Calvert will furnish and install (2) new York 30 Ton split system. The new AHU is complete with new hydronic coils. The new air handling units to sit on new vibration isolation springs. The new air handling units model number is (ND360C00N6AAA1). ✓
- Calvert will furnish and install (2) new York 30 Ton Condensing units to be installed in the same location as the existing. New units to sit on new vibration isolation springs. The new condensing units model number is (YD360C00A2BAA2). ✓
- Calvert will make necessary modifications needed to adapt the existing duct system to the new air handling units. ✓
- Calvert will reconnect the existing hydronic loop piping to the new units. Calvert will furnish and install a new 3-way valve complete with new powerhead. All new loop piping is to be copper. ✓
- Calvert will reconnect the existing high voltage electric. Calvert will furnish and install new NEMA 3 weatherproof fused disconnects and make modification to the outdoor conduits (feeds) as needed to fit the new units in the existing location. ✓
- Calvert will run new refrigeration lines and new insulation (1/2" wall thickness) from the new indoor units to the new outdoor units. Each system would be complete with a dual circuit application. A total of (4) new lines are to be installed. ✓
- Calvert will pressure test and evacuate the system to 400 microns.
- Calvert will perform start up and adjust the refrigeration charge as needed. Calvert will provide a written report of the start-up finding to the customer.
- Calvert will oversee the air balance of the new split systems.



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**The Brazilian Naval Commission**

**RE: HVAC Retrofit**

**November 11, 2021**

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**Scope of work (Boiler):**

- Calvert shall remove (Qty.1) existing Smith gas-fired, "Hot-Water" boiler and dispose of offsite. The existing boiler has a capacity of (661,000 mbh/gas).
- Calvert shall furnish and install (Qty.1) new Weil-Mclain gas-fired, "Hot water" boiler of equal capacity. The new boiler has a capacity of (750 mbh/gas). The new boiler shall have a modulating burner to adjust the firing rate per the demand of the load. The new burner shall have a combustion efficiency of 93.6%. The new boiler model number is SF750.
- Calvert shall place the new boiler on existing concrete housekeeping pads.
- The new boiler/piping will connect into the existing hydronic piping currently in place.
- Calvert shall reconnect into the existing water supply.
- Calvert shall install new PVC flue piping to the exterior of the building.
- Calvert shall connect the new boiler into the existing natural gas piping.
- Calvert shall connect the new boiler into the existing electrical supply. A new disconnect switch will be installed at the boiler as required by code.
- Upon completion, the new boiler will be started up, adjust, and checked for proper operation.
- Calvert will clean up all work-related areas and remove trash from the property.

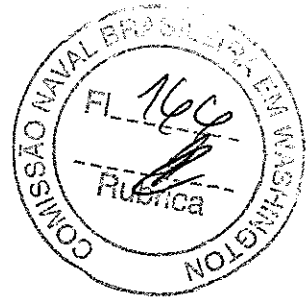
**Scope Of Work (Controls):**

- Calvert will disconnect and reconnect the existing BAS controls for AHU-1 and AHU-2.
- Calvert will disconnect and reconnect the existing BAS controls for Boiler #1.
- Calvert will test and commission of reinstalled controls.



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**Clarifications (HVAC):**

- 1.** Engineered and stamped drawing needed for permit submission are excluded from this project and are to be provided by others if required.
- 2.** This price does not include and electrical upgrades or modifications other than what is listed above.
- 3.** Permit fees are not included.
- 4.** Overtime is not included in this cost. Calvert is under the assumption that this job is take place during normal business hours of Monday-Friday between the hours of 7:30 am and 4:30pm.
- 5.** All associated valves needed to shut off and disconnect the hydronic loop piping to the existing system are considered to be in "working condition". Any loop drain/freezing/filling will be billed as an additional (if Applicable).
- 6.** Any relocation of existing sprinkler lines, electrical conduits, lights, drain piping, gas piping or pre-existing ductwork that need to be relocated for any reason are not covered in this cost.
- 7.** The price does not include any interlocking to any fire alarm systems.
- 8.** This price does not include any interlocking of the new unit to any existing fire alarms.
- 9.** Wall cutting/patching and or ceiling removal and reinstallation is not included in this cost.
- 10.** Any roofing, flashing or sealing is not included in this cost.
- 11.** Site utilities and dumpster for trash removal are not included in this price if required.
- 12.** Calvert has not performed any load calculations to the space. The units being installed are to be of equal size and capacity.
- 13.** The new unit shall have a "standard Efficiency".
- 14.** Due to instability in raw material pricing and availability, our quotation is only valid for 30 days. Purchase orders or contracts will hold pricing for no longer than 3 months or as long as the manufacturer's pricing policy allows, which may be shorter. If the order is not completely released to production within the 3-month period, any manufacturer's price increase(s) to date will be enforced and the buyer will be responsible for the cost increase.
- 15.** In order to get the new air handling units into the mechanical rooms the doorways to the stairwells and also the entrance of the mechanical rooms will need to be removed and widened. The cost to perform this work is not included and is to be provided by others.



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## The Brazilian Naval Commission

### RE: HVAC Retrofit

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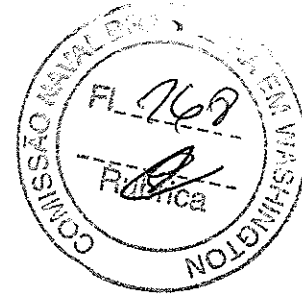
#### Clarifications (Controls):

1. Calvert is not liable for any electrical wiring that is not directly related to the work performed in this quote.
2. Due to instability in raw material pricing and availability, our quotation is only valid for 30 days. Purchase orders or contracts will hold pricing for no longer than 3 months or if the manufacturer's pricing policy allows, which may be shorter. If the order is not completely released to production within the 3-month period, any manufacturer's price increase(s) to date will be enforced and the buyer will be responsible for the cost increase.
3. All existing electrical wiring that Calvert for any faults that occur after the installation of work that are not directly related to quoted work.
4. All high voltage wiring is to be provided and installed by others, unless otherwise is connecting to is assumed to be in good working order and will not be held liable
5. noted in quote.
6. Additional seasonal changeovers or adjustments required by owner are not included in this contract.
7. Any additional work beyond the scope of work specified above will be charged separately.
8. All work shall be performed during normal business hours, exclusive of holiday.
9. Additional seasonal changeovers or adjustments required by owner are not included in this contract.
10. All mechanical systems trouble shooting, repairs and maintenance are excluded.
11. All fire alarm hardware, wiring and support is excluded.
12. All existing control wiring will be reused. Any wiring found defective will be repaired or replaced on a time and material quote with owner's approval.
13. Existing BACnet communication trunk is assumed to be in good working order and installed in the best practices for installation of BACnet devices. Any network communication problems found or occur will be troubleshoot, repaired, or replace as a separate work order.
14. Any additional programming and or commissioning of other items not noted in quote is excluded.
15. Air and water balancing is excluded.
16. Any and all delays, once job has bid started will be charged separately
17. All work and equipment shutdowns will be scheduled with the building staff.
18. All new products and labor come with a (1) one-year warranty.
19. Calvert is not liable for any electrical wiring that is not directly related to the work performed in this quote.
20. This Bid does not include a desktop or laptop computer.
21. This bid does not include control drawings.
22. This Bid does not include integrating with existing systems that are not noted in this quote.
23. Patching or painting and any access holes that need to be cut to gain access to install quoted



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**The Brazilian Naval Commission**

**RE: HVAC Retrofit**

**November 11, 2021**

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Thank you for the allowing Calvert the opportunity to provide a budget quotation for the installation of the new HVAC systems into The Brazilian Naval Commission. Our scope of work and quotation are based upon the information sent on November 5<sup>th</sup>, 2021.

Please review the above information carefully. If you have any questions, please do not hesitate to call. Again, thank you for allowing Calvert the opportunity to provide a quotation for this project. We look forward to assisting you in bringing this project to fruition.

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**We propose to furnish material and labor, complete in accordance with**

**The above specifications for the Sum of:**

**Three Hundred Fifty-Six Thousand, One Hundred Sixty Dollars  
(\$356,160.00)**

**Payment terms: 1/3 down upon accepting the project, 1/3 down upon starting the project,  
1/3 down upon completion of the project with in 30 days.**

Pricing submitted by: Bryan Collins  
HVAC Sales Specialist

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_