

AERIUS Marine GMBH
Hunter Class Frigate Programme

Expression of Interest Request

For

**Ventilation Duct - Rectangular / Circular Steel,
Rectangular Light Gauge Steel, Spiral Wound**

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Document Authorisation & Change Record

Revision	Change record	Prepared by / Title	Approved by / Title	Date
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1. Purpose of the Document

AERIUS Marine GmbH are seeking Expression of Interest (EOI) in support of delivering HVAC related equipment and services to BAE Systems Australia / ASC Shipbuilding Pty for the Hunter Class Frigate Programme.

AERIUS Marine are specialist integrators of Marine HVAC, CBRN, Piping, Refrigeration and Fire Protection Systems for complex Combat and Non-Combat Ships, Cruise Ships and Luxury Yachts, and are currently engaged as a key supplier to the Global Combat Ship programme.

As a result, we are seeking information from Australian Small to Medium Enterprises (SMEs) with various capabilities that may enable them to become a future supplier or partner able to form part of our Australian supply chain and assist the development of our local capability.

Businesses that can demonstrate some or all of the skills/capabilities sought within the EOI will be approached directly by AERIUS Marine GMBH for further discussions. This may in future require entry into Non-Disclosure-Agreements and/or export control agreements as necessary to fully develop the understanding of how we may be able to better understand the potential benefit of each businesses key capabilities.

Respondents should note that information contained within the EOI is subject to change and should not be relied on by respondents as final or definitive.

2. Scope of this EOI

We are looking for the supply of various types of ductwork including flanges which will need to be manufactured and type tested to varying standards. We also require Spiral wound duct which would be a locally purchased solution or imported.

2.1 Light Metal Ductwork fabrication & Supply

- Ductwork fabricated from Mild Steel (pre-galvanised)
- Material thickness 0.7, 0.9 or 1.1 (potential variations may be acceptable)
- Flange Joints – P profile either rolled or chap on
- Seams will be Lock formed – various options
- Provision of duct clamps and hanger dropper

2.2 Heavy Gauge Ductwork Fabrication & Supply

- Ductwork fabricated from Mild Steel with the following potential options –
 - Black Sheet with plate flanges Galvanised after manufacture,
 - Pre-galvanised sheet with plate flanges and then repaired,

- Stainless Steel sheet with Formed Angle flanges
- Material Thickness 1.5mm, 2.0mm or 3.0mm
- Gas tight, Water tight or Fire tight
- Circular Steel Ducts
- Provision of duct clamps and hanger dropper

2.3 Spiral wound ductwork supply

- The provision of various spiral wound duct, fittings, clamps and fixing consumables

3. Pre-Qualification Questionnaire

The following pre-qualification questions and additional details must be completed. Please refer to the ICN online form for completion.

- 1) Have you updated your ICN company profile with your Products & Services, Accreditations & Compliances, Contact Details, Employee numbers and Indigenous Ownership?
- 2) Please confirm the state in which your primary business is based
- 3) Are you a wholly owned Australian company? If no, please provide details.
- 4) Are you an Indigenous company?
- 5) What are your business core competencies & capabilities & the specific products or services you would like to offer this project.
- 6) Please provide full details of recent experience relevant to the products / services your company is involved in.
- 7) Please provide details of any involvement in previous major defence, maritime or commercial projects.
- 8) Please provide the number of Indigenous / Aboriginal / Torres Islander employees your organisation has. (Stipulate Full Time and Part Time)
- 9) Please provide any additional information which provides details of the company which may distinguish you from others.

Please take note of the Expression of Interest closing date - 22nd July 2020.

4. References

4.1 Referenced Documents

Document Title	Document ID
Supplier Information - Pre-qualification Form	EOI Ref-001

4.2 Acronyms and Abbreviations

Acronym/ Abbreviation	Meaning
HVAC	Heating, Ventilation and Air Conditioning
EOI	Expression of Interest
CBRN	Chemical Biological Radiological Nuclear