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## EXPRESSION OF INTEREST

### PROVISION OF SERVICES FOR METAL LOSS, BLAST AND PAINT (A100627)

ASC is seeking **Expressions of Interest (EOI)** from companies with the capacity and capability for the: **Provision of Blast and Paint for On-Boat and Off-Boat Services for Collins Class Submarines (CCSMs)**. This will primarily involve undertaking the blasting and painting requirements for submarine Full Cycle Dockings (FCD's) and will also include other ad-hoc blasting and painting services which ASC may require from time to time.

The services are to be provided at ASC North located at Osborne, South Australia.

#### Scope of Work:

At a high level, the Scope of Work includes:

#### 1. On-Boat Services

- The services will be undertaken on-board the CCSM and involve undertaking the setup, cleaning, blasting and painting of Tanks, Bilges, Undercasings, Flank Areas & Free Flood spaces required across the zones for the maintenance of the CCSMs. This may also include other ad-hoc blasting and painting services which ASC may require from time to time.

#### 2. Off Boat Services

- The services will primarily involve undertaking the blasting and painting of parts & componentry required for the maintenance of the CCSMs. This may also include other ad-hoc blasting and painting services which ASC may require from time to time.

#### 3. Blast and Paint Inspections

- All work completed by the service provider must be inspected by a NACE Coating Inspector Level 2 or above, with records of the inspection to be maintained by the service provider.

#### 4. Care and Protection

- On completion of blast and paint scope of a particular area of the submarine, the service provider is to install moulded fire retardant nonslip rubber on submarine hull frames and fire retardant nonslip rubber sheeting on submarine hull plate between frames inside tanks and bilges where human traffic is anticipated. ASC currently supplies the rubber and protective materials to the service provider.

#### 5. Scaffolding and Encapsulation

- The service provider will be responsible for all scaffolding and encapsulation required to undertake the services, for clarification this means, assembly, disassembly, transport of scaffolding requirements and ancillary equipment.
- ASC will provide all scaffolding equipment required for the erection of the scaffolding, whilst the service provider is to supply all encapsulation materials, which must be flame retardant film.
- The service provider is to provide sufficient personnel dedicated to managing all Scaffolding & Encapsulation requirements for the Metal Loss Blast and Paint operation of the FCD.

#### 6. Paint and consumables procurement, storage and management

- The service provider is to supply, manage and maintain of all Blast and Paint consumables throughout the Full Cycle Docking. These products include but not limited to:
  - a) Equipment & consumables required for tank/area cleaning prior to commencement of Blast & Paint services;

- b) Paint Products;
- c) Blast Media;
- d) Encapsulation Materials;
- e) Thinners & Degreaser.
- f) Disposable Items.
- g) Provision of any services and portable equipment necessary for the conduct of the services in addition to that provided by ASC.
- h) Personnel Protective Equipment / Clothing (PPEC). All personnel provided by the service provider must be appropriately dressed and the service provider is to ensure its personnel have Personal Protective Equipment / Clothing (PPEC) conforming to the requirements for Day / Night PPEC in accordance with AS/NZS 4602:1999 High Visibility, Safety Garment

#### **7. Cleaning, sullage and waste disposal**

- The service provider shall arrange a waste disposal contract with a licenced waste disposal supplier and shall be responsible for the collection and appropriate disposal of waste materials relating to its work scope for both On-Board & Off-Boat. This includes general waste, waste liquids, any hazardous chemicals and spent blast media.

#### **8. Confined Space Management**

- For service provider work at all ASC controlled sites, the service provider shall operate to the ASC Confined Space Management Process and coordinate all confined space management tasks via the nominated ASC Representative. The service provider is responsible for ensuring that a checklist is completed prior to tank entry.

#### **9. Training**

- The service provider is responsible for maintaining a sufficiently trained, qualified and experienced workforce to ensure the completion of all services in accordance with the work order requirements.
- The service provider shall ensure:
  - that its personnel engaged in performing the work:
    - hold a current White Card and are fully trained and experienced in the nature of the work being performed;
    - complete ASC's safety induction and ITAR training and service provider induction and facilities training prior to commencing any work on ASC's site; and
    - complete confined space training and working at heights training prior to commencing any relevant work.
  - coating inspections and supervision of the blasting and painting processes are completed by appropriately trained personnel.
  - all training records are maintained in accordance with all relevant legislation, both Commonwealth and State.

#### **10. Management Team**

- The service provider shall establish and maintain a management team that will be responsible for undertaking the services and include:
  - responsible for monitoring and reporting on progress,
  - liaising with ASC's Production and Project departments,
  - establishment and supervision of the service provider's workforce,

- supervision of work performed under the direction of ASC,
- production members of the Management Team hold a minimum of NACE Coating Inspector Level 1 qualification;
- discharge of WH&S and Environmental obligations; and
- overall administration of the Agreement.

**11. Labour**

- The service provider must provide sufficient trained, qualified and experienced personnel to ensure that all Services can be managed. All service provider personnel must be fully trained in accordance with the technical requirements relating to the Services as listed in the below table.
- The shift pattern requirements may vary throughout the FCD based on operational requirements. The service provider must be capable of providing the following shift pattern, as required, to support the Master Schedule or to recover schedule variances:
  - Shift coverage of 24 hours per day and 5 days per week as a minimum and the capacity to work 7 days per week at peak period;
  - Minimal overlap of personnel at the start and finish of each shift and in any extent not greater than 30 minutes;
  - Capability to provide the required labour to meet ASCs demands across a 5, 6 or 7 day roster or continuous shift pattern; and
  - Maintain a consistent labour profile across the respective 5, 6 or 7 days per week.

**Table 1. Blast and Paint Skills for each Level**

<p><b>Level 1 – Superintendent / Supervisor</b></p> <ul style="list-style-type: none"> <li>● Managing all Blast and Paint Personnel</li> <li>● Able to Train QC Personnel</li> <li>● Able to Accurately Estimate Work</li> <li>● Represent service provider in ASC Scheduled Meetings</li> <li>● Able to Plan &amp; Schedule</li> </ul>	<p><b>Level 2 – Experienced Operator / Leading Hand</b></p> <ul style="list-style-type: none"> <li>● Participate in JSA development</li> <li>● Airless Gun Spray Paint Trained</li> <li>● Proficient Use of Plural Paint Machinery</li> <li>● Blind Spot Painting Trainer</li> <li>● Certificate 3 in Surface Preparation &amp; Coatings</li> <li>● Blast to all class standards</li> <li>● Operate Test Equipment including Holiday Detection</li> <li>● Interpret Drawings/Specifications</li> <li>● Training of Level 3 &amp; 4 – Blast &amp; Paint Personnel</li> <li>● Carry Out Inspections</li> </ul>
<p><b>Level 3 – 3 Years’ experience tradesman</b></p> <ul style="list-style-type: none"> <li>● Conventional Spray Paint Trained</li> <li>● Able to set up Dehumidification - Extraction - Ventilation tasks</li> <li>● Fully Trained on Plural Pump Usage</li> <li>● Blind Spotting &amp; Stripe Coating</li> <li>● Competent in Paint Mixing</li> <li>● Safely Set Up and Operate Blast Equipment</li> <li>● Maintenance of equipment</li> <li>● Perform Daily Checks</li> </ul>	<p><b>Level 4 – Trained, entry level</b></p> <ul style="list-style-type: none"> <li>● Following basic instructions</li> <li>● Completing Daily activity sheets</li> <li>● Having completed Confined Space Training</li> <li>● Care of Equipment &amp; PPE</li> <li>● To be able to perform basic T/A Duties</li> <li>● Completed Working with Chemicals Training</li> <li>● Participate in JSA development</li> <li>● Safely able to Operate Air tools</li> <li>● Safely Set Up Paint Equipment</li> </ul>

**EOI Submission Requirements:**

All interested companies must submit a concise brief (free from error and omissions) demonstrating:

- The company's capacity and capability to meet the requirements (as listed above).
- A high level overview of personnel experience relating to the above areas.
- A high level schedule of rates utilising the spreadsheet provided.
- Confirmation of the ability to supply the Australian market and manage import compliance;
- Defence Industry Security Program (DISP) membership details (if applicable);

This EOI is an invitation to treat and must not be construed, interpreted, or relied upon, whether expressly or impliedly, as an offer capable of acceptance by any person, or as creating any form of contractual, quasi-contractual, restitutionary or promissory estoppel rights, or rights based upon similar legal or equitable grounds.

The Respondents' participation in any stage of the EOI process, or in relation to any matter concerning the EOI, is at the Respondents' sole risk, cost and expense. ASC will not be responsible for any costs or expenses incurred by any Respondents in preparation or lodgement of a response or taking part in the EOI process.

**Registrations close 4pm (ACST) Tuesday 24 September 2019.**

**All EOI submissions shall be submitted via the Industry Capability Network website.**