

## **Statement of Work**

**HCFP - SOW DETAIL DESIGN**

**Hunter Class Frigate Program**

30 November 2018

**BAE SYSTEMS – IN – CONFIDENCE**

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## Acronyms and Definitions

| <b>AIC</b>   | <b>Australian Industry Capability</b> |
|--------------|---------------------------------------|
| <b>AICP</b>  | Australian Industry Capability Plan   |
| <b>GCS-A</b> | Global Combat Ship - Australia        |
| <b>HCFP</b>  | Hunter Class Frigate Program          |
| <b>SOW</b>   | Statement of Work                     |
| <b>TBA</b>   | To be Advised                         |

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## 1. SCOPE

The purpose of this Statement of Work (SOW) is to seek interest from industry to provide detail design capability assistance to BAE Systems to carry out Detailed Design for the Global Combat Ship-Australia (GCS-A)

## 2. SUPPLIES

### 2.1 General

BAE has recently been down selected to design and build the Royal Australian Navy's future frigates.

The BAE Future Frigate offering - known as the Hunter Class GCS-A (Global Combat Ship – Australia) is a variant of the Type 26 GCS (T26) and retains the majority of the vessels features with the exception of the mast Design Zone 12.

A number of product changes have been made in accordance with the customer's requirement set including:

- Replacing the TRIGON helicopter retrieval system with ASIST
- Adapting the hangar complex for the MH-60R helicopter
- A new foremast for the new CEAFAR2 radar system
- Increasing MK 41 VLS capacity
- New torpedo system
- Addition of Harpoon launchers

### 2.2 Key Dates for Scope of Work

|                                      |                |
|--------------------------------------|----------------|
| Stage 2 Design - Prototyping starts: | Quarter 4 2018 |
| Stage 2 Design – GCS-A starts:       | Quarter 3 2020 |
| Stage 3 Outputs - Prototyping:       | Quarter 3 2020 |
| Stage 3 Outputs – GCS-A:             | Quarter 2 2022 |
| Cut Steel Ship1 Prototype            | Nov 2020       |
| Cut Steel Ship1 GCS-A                | Nov 2022       |

## 3. Background

Currently Stage 2 (Spartial Integration) of the design has a peak demand of up to 85-90 by approx mid 2022 in Australia.

These would be followed by mostly stage 3 (Production Drawings) outputs to ASC (Adelaide) & Henderson (WA).

However there is stage 2 Australia scope:

- Design Zone (DZ) 12 stage 2 development in Melbourne
- Support to stage 1 Combat Systems in Adelaide (to be confirmed)

BAE discipline leads (Structural, Outfit, HVAC, Piping, Electrical) will be trained in the UK from Quarter 1 to 2 in 2019. They will return to Australia to conduct the stage 2 work and act as seed corn for developing detailed design capability.

The capability is preferred to be in Adelaide, but may be based in multiple sites (Melbourne, Adelaide & Perth)

#### 4. Requirement

BAE is seeking interest from industry to provide detail designers for the disciplines above to carry out detailed design.

BAE will provide training to the detailed designers to work on and produce the outputs required.

The GCS-A core engineering tools are listed below but are not limited to:

- FORAN
- AutoCAD
- Windchill
- AVEVA ERM
- CMPIC
- Etc

#### 4.1 Location & Facilities

- Work will be carried out in BAE's offices, preferably based in Adelaide. This is due to Export Control requirements.

#### 4.2 Security restrictions.

- Defence Industry experience is not essential but experience in dealing with Classification and Shipbuilding is desirable.
- Baseline and ITAR clearance required.

#### 4.3 Contract model(s) we are looking for.

- Labour hire (BAE manages and pays hourly rate)
- Strategic partner
- Teaming arrangements

#### 4.4 Staff Demand Profile

The build up of detail designers will commence from the start of 2020, and peaking at mid 2022.

For each discipline BAE will have a core group of designers/drafters.

Refer to Figure 1 below.

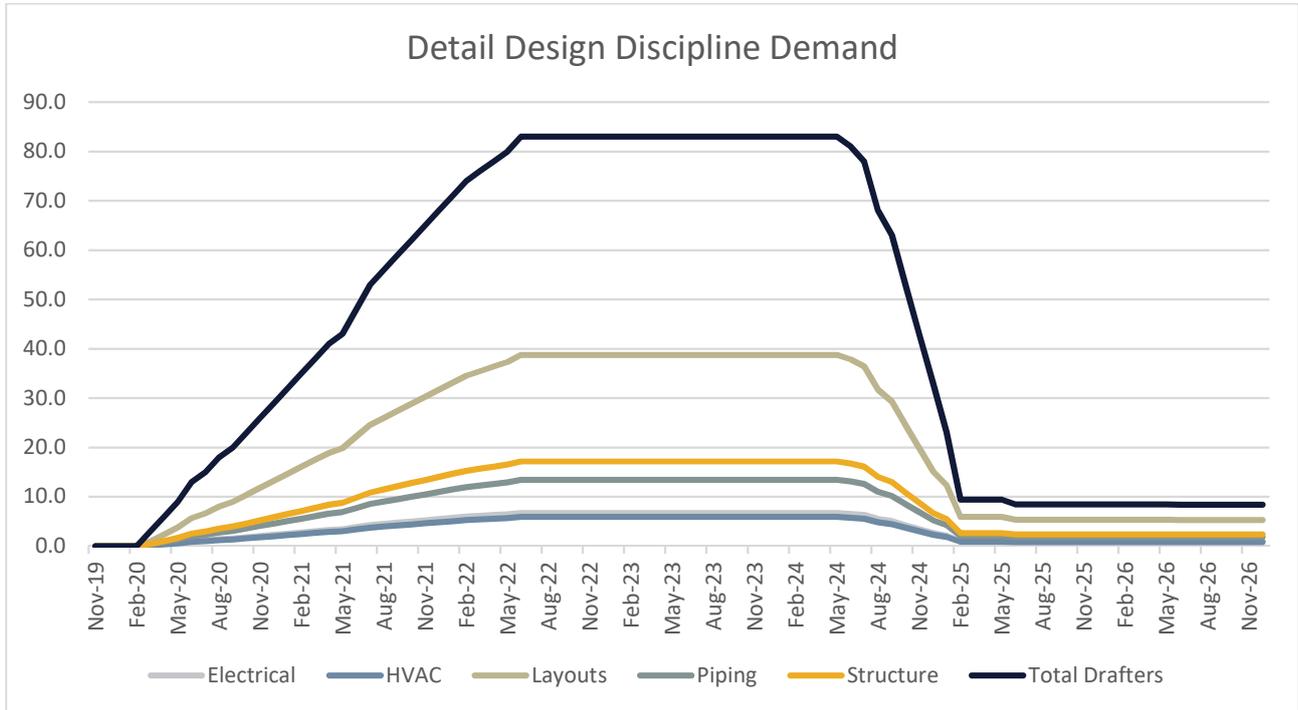


Figure 1: Detail Designers Profile

