

# Australian Industry Participation (AIP) Plan Executive Summary

## 1. General Project Details

**Company Name:** Thales Australia

**Description of the project:** Contract reference - 18/12901: Acquisition of the Civil Military Air Traffic Management System (CMATS). The project is called “OneSKY”, and will deliver Civil and Military Air Traffic System known as “CMATS”. The CMATS project is programme managed jointly by Airservices Australia, Defence and Thales Australia from their respective offices located in Canberra and Melbourne. The definition and design of the solution is executed by Thales Australia from their office in Melbourne. The Installation and deployment of the site infrastructure of the new CMATS solution will be done across multiple Civil and Defence sites within Australia such as Amberley, Brisbane Darwin, East Sale, Melbourne, Nowra, Pearce, Perth, Sydney, Tindal, Townsville and Williamstown.

**Estimated total project value:** \$1.2billion AUD

- **Estimated value of key goods and services procured for the project (if different to total project value):** \$ 237million AUD

**Project location:** The Thales Australia Centre, WTC Northbank Wharf, Atrium Lobby Level, Siddeley Street, Melbourne, VIC 3005, Australia

**Link to project information:** <https://www.thalesgroup.com/en/countries/asia-pacific/australia/aerospace/air-traffic-management>

**Project contact for procurement information:** Rajesh Patil, Programme Procurement Manager, 612 8630 4000, [Rajesh.Patil@thalesgroup.com.au](mailto:Rajesh.Patil@thalesgroup.com.au)

## 2. Opportunities for Australian industry involvement

List of goods and services to be procured for the project and the expected opportunity for industry participation	Opportunities for Australian suppliers	Opportunities for overseas suppliers
<b>GOODS/PRODUCTS</b>		
VOICE COMMUNICATION SYSTEM (VCS) & AIRFIELD MANAGEMENT SYSTEM (AFMS)	YES*	YES*
SECURING CONTENT MANAEMENT SYSTEM USING CONTROL & MONITORING SYSTEM	YES*	YES
RECORDING & REPLAY SOFTWARE SOLUTION FOR AIR TRAFFIC MANAGEMENT	YES	YES*
COMMERCIAL OFF-THE-SHELF (COTS) IT HARDWARE: MONITORS [Standard Resolution]	YES*	NO
COMMERCIAL OFF-THE-SHELF (COTS) IT HARDWARE: AIR TRAFFIC CONTROL DISPLAYS [High Resolution]	YES*	YES
COMMERCIAL OFF-THE-SHELF (COTS) IT HARDWARE WORKSTATIONS [Standard and High Performance]	YES*	NO

COMMERCIAL OFF-THE-SHELF (COTS) IT HARDWARE SERVERS [Standard and High Performance]	YES*	NO
COMMERCIAL OFF-THE-SHELF (COTS) IT HARDWARE STORAGE DEVICES	YES	NO
COMMERCIAL OFF-THE-SHELF (COTS) IT HARDWARE NETWORK SWITCHES, WAN & ROUTERS	YES*	NO
COMMERCIAL OFF-THE-SHELF (COTS) IT HARDWARE: SCREEN GRABBERS	NO	YES*
COMMERCIAL OFF-THE-SHELF (COTS) OFFICE FURNITURE	YES	NO
CUSTOMISED SPECIAL PURPOSE CONSOLES	YES	YES*
COMMERCIAL OFF-THE-SHELF SOFTWARE LICENSES BASED ON REQUIRED KNOWN FUNCTIONALITIES AT THIS STAGE OF THE PROJECT	YES	YES
<ul style="list-style-type: none"> <li>Dot.Net Framework, NTP Software Recording server client for NTP server and for connected video grabbers</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>WinPcap Library used by Ethernet Raw Data Collector, Web-Browser used for recording</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Enterprise Linux Platform</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Real time data monitoring Operating System to process metrics collected from Servers, Workstations, network devices and virtual devices</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Relational database management system</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Apache HTTP Server, Application Server Framework, Python Language bindings for Selenium WebDriver</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Proxy for using W3C WebDriver compatible clients to interact with Gecko-based browsers &amp; PHP development IDE for Control &amp; Monitoring System</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Antivirus Software using Reputation Rating Checking</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Network Segmentation and Segregation</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Windows Server 2016 Datacentre Edition</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Multi-Sensor Data Fusion, Interoperability &amp; Data Exchange</li> </ul>	YES	YES

<ul style="list-style-type: none"> <li>• Middleware for Air Traffic Management Applications &amp; UBSS Config Tool, Air-Ground Datalink Tool</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Active Directory services</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Domain Control and SecurID Auth Manager</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Network Policy Server</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Two Factor Authentication, Password Vault Web Access, Privileged Session Manager, Manage Technical Users Access and Central Policy Manager</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Multifactor Authentication, Certificate Management and Threat Intelligence</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Analysis Engine, SIEM Analytics &amp; Smarts, Forensic Database, SIEM Database Respiratory, Zone Collector <i>[*SIEM – Security Information and Event Management]</i></li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• SIEM Log Collector &amp; Vulnerability Assessment Tool <i>[*SIEM – Security Information and Event Management]</i></li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Configuration Enforcement, Device &amp; Port Control, Application Whitelist applications</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• File Integrity Monitoring, Removable Device Access Control, Detect File Integrity</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Antivirus, Antivirus for Sheep Dip, HIPS / Firewall</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Harden Operating System related to Servers and Workstations</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Root File System, TMCS database services, TMCS Application Server &amp; Framework, Java Runtime Environment</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Microsoft Deployment Toolkit, Cobbler Linux installation server</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>• Anisable software provisioning, configuration management, and application-deployment</li> </ul>	YES	YES

<ul style="list-style-type: none"> <li>Linux kernel security modules</li> </ul>	YES	YES
<ul style="list-style-type: none"> <li>Test tool for Modbus interfaces: Modbus Poll, Modbus Slave, WSMBT, WSMBS, and MBAXP</li> </ul>	YES	YES
COMMERCIAL IT RACKS AND CABINETS (STANDARD IT LOCKABLE 24U, 42U RACKS)	YES*	YES*
SECURITY CONSTRUCTION EQUIPMENT CLASSIFICATION (SCEC) APPROVED IT RACKS & CABINETS (CLASS B, C, etc.)	YES*	NO
TIME SYSTEMS	YES*	YES
KEYBOARD VIRTUAL MOUSE (KVM)	YES	YES*
DATA DIODES (SECURITY FILTERS)	YES	NO
NETWORK SECURITY GATEWAYS & FIREWALLS	YES	YES
IT PERIPHERALS (KEYBOARD, MOUSE, CABLE TRAYS, PRINTERS, POWER DISTRIBUTION UNITS, AUTOMATIC TRANSFER UNITS, etc.)	YES	NO
<b>SERVICES</b>		
SITE ELECTRICAL, INSTALLATION & COMMISSIONING	YES*	NO
ACCEPTANCE, VERIFICATION AND VALIDATION (AV&V)	YES*	NO
FRIEGHT, LOGISTICS AND WAREHOUSING	YES	NO
CONSULTANCY SERVICES		
<ul style="list-style-type: none"> <li>EMI/EMC CONSULTANTS</li> </ul>	YES*	NO
<ul style="list-style-type: none"> <li>ERGONOMICS</li> </ul>	YES	NO
<ul style="list-style-type: none"> <li>HUMAN FACTORS</li> </ul>	YES	NO
<ul style="list-style-type: none"> <li>SOFTWARE ENGINEERING</li> </ul>	YES	NO
<ul style="list-style-type: none"> <li>SITE DESIGN</li> </ul>	YES	NO
<ul style="list-style-type: none"> <li>ELECTRICAL ENGINEERING</li> </ul>	YES	NO
<ul style="list-style-type: none"> <li>QLD DESIGN AUTHORITY</li> </ul>	YES	NO
<ul style="list-style-type: none"> <li>SAFETY &amp; SECURITY</li> </ul>	YES	NO
<ul style="list-style-type: none"> <li>SYSTEM ENGINEERING</li> </ul>	YES	NO
CLOUD HOSTING SERVICES	YES	NO

*\* Supplier Contract Award completed. An Australian supplier means an entity that has an ABN or an ACN.*

*Note: The information provided in the table above is based on an initial assessment by the company. Any questions or issues should be raised with the project contact.*

### **3. Communication Strategy**

- The CMATS project supported by Thales Australia will organise supplier Innovation and industry networking forums, conferences, technology and consulting workshops either in conjunction with Industry networks such as Australian Industry Defence Network (AIDN), Australian Defence Alliance (ADA) and Industry Capability Network (ICN) or directly with suppliers.

### **4. Opportunities through all tiers of supply and in all stages of the project**

- The CMATS project supported by Thales Australia's Procurement and Global Supply Chain teams will engage all tiers of Australian suppliers identified through Thales market research, category teams and Industry networks such as AIDN, ICN, ADA for values greater than \$250 thousand publically advertised through Thales procurement's e-Acquisition webpage across all project needs.

### **5. Opportunities for longer-term participation**

- The CMATS project supported by Thales Australia team will engage Industry organisations such as AIDN, ADA and ICN to provide the Australian suppliers an opportunity to localise and participate across a broad range of products and services through technology transfer methods and OEM representation.
- Thales will also engage its Global Supply Chain team to provide local companies an opportunity to participate in research & development projects for future programs through STEM initiatives and Innovation weeks.
- Australian suppliers that are not successful in securing a contract will be offered in writing the opportunity for feedback/debrief on their tender/application including advice and opportunities to be more competitive in the industry

### **6. Procedures and Resources**

- The CMATS project supported by Thales Australia will use its standard operating procedures and reference systems to conduct business activities and manage risks. This reference system outlines the processes, governance and related documents as standard templates that need to be used for supplier engagement, audits, performance and relationship managements.
- The Programme Procurement Manager (PPM) listed as the Project/Procurement officer and the Director Procurement for Thales Australia & NZ will ensure the AIP plan is monitored and reported in accordance with the Contractual requirements to Airservices Australia CMATS project team