# 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 Williamtown.

**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

## 2. Opportunities for Australian industry involvement

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| --- | --- | --- |
| **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** |
| **GOODS/PRODUCTS** |
| 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 |
| * Dot.Net Framework, NTP Software Recording server client for NTP server and for connected video grabbers
 | YES | YES |
| * WinPcap Library used by Ethernet Raw Data Collector, Web-Browser used for recording
 | YES | YES |
| * Enterprise Linux Platform
 | YES | YES |
| * Real time data monitoring Operating System to process metrics collected from Servers, Workstations, network devices and virtual devices
 | YES | YES |
| * Relational database management system
 | YES | YES |
| * Apache HTTP Server, Application Server Framework, Python Language bindings for Selenium WebDriver
 | YES | YES |
| * Proxy for using W3C WebDriver compatible clients to interact with Gecko-based browsers & PHP development IDE for Control & Monitoring System
 | YES | YES |
| * Antivirus Software using Reputation Rating Checking
 | YES | YES |
| * Network Segmentation and Segregation
 | YES | YES |
| * Windows Server 2016 Datacentre Edition
 | YES | YES |
| * Multi-Sensor Data Fusion, Interoperability & Data Exchange
 | YES | YES |
| * Middleware for Air Traffic Management Applications & UBSS Config Tool, Air-Ground Datalink Tool
 | YES | YES |
| * Active Directory services
 | YES | YES |
| * Domain Control and SecurID Auth Manager
 | YES | YES |
| * Network Policy Server
 | YES | YES |
| * Two Factor Authentication, Password Vault Web Access, Privileged Session Manager, Manage Technical Users Access and Central Policy Manager
 | YES | YES |
| * Multifactor Authentication, Certificate Management and Threat Intelligence
 | YES | YES |
| * Analysis Engine, SIEM Analytics & Smarts, Forensic Database, SIEM Database Respiratory, Zone Collector

*[\*SIEM – Security Information and Event Management]* | YES | YES |
| * SIEM Log Collector & Vulnerability Assessment Tool

*[\*SIEM – Security Information and Event Management]* | YES | YES |
| * Configuration Enforcement, Device & Port Control, Application Whitelist applications
 | YES | YES |
| * File Integrity Monitoring, Removable Device Access Control, Detect File Integrity
 | YES | YES |
| * Antivirus, Antivirus for Sheep Dip, HIPS / Firewall
 | YES | YES |
| * Harden Operating System related to Servers and Workstations
 | YES | YES |
| * Root File System, TMCS database services, TMCS Application Server & Framework, Java Runtime Environment
 | YES | YES |
| * Microsoft Deployment Toolkit, Cobbler Linux installation server
 | YES | YES |
| * Anisable software provisioning, configuration management, and application-deployment
 | YES | YES |
| * Linux kernel security modules
 | YES | YES |
| * Test tool for Modbus interfaces: Modbus Poll, Modbus Slave, WSMBT, WSMBS, and MBAXP
 | YES | YES |
| COMMERCIAL IT RACKS AND CABINETS (STANDARD IT LOCAKABLE 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 |
| **SERVICES** |
| SITE ELECTRICAL, INSTALLATION & COMMISSIONING | YES\* | NO |
| ACCEPTANCE, VERIFICATION AND VALIDATION (AV&V) | YES\* | NO |
| FRIEGHT, LOGISTICS AND WAREHOUSING | YES | NO |
| CONSULTANCY SERVICES  |  |  |
| * EMI/EMC CONSULTANTS
 | YES\* | NO |
| * ERGONOMICS
 | YES | NO |
| * HUMAN FACTORS
 | YES | NO |
| * SOFTWARE ENGINEERING
 | YES | NO |
| * SITE DESIGN
 | YES | NO |
| * ELECTRICAL ENGINEERING
 | YES | NO |
| * QLD DESIGN AUTHORITY
 | YES | NO |
| * SAFETY & SECURITY
 | YES | NO |
| * SYSTEM ENGINEERING
 | 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