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|  | **Inspection and Test Plan - Control and Supervision of the Works** | | | | **Doc ID:** FH-ZU2-QU-ITP040  **REV:** 0 |
| **Client**: Melbourne Airport | | **Contract No:** CP14038-01 | | **Prepared By:** Giuliano Follacchio | |
| **Project:** Taxiway Zulu | | | **Reviewed By:** Giuliano Follacchio | | **Date:** 27/5/24 |
| **Construction Process:** AGL Pit Installation | | | **Approved By:** Giuliano Follacchio | | **Date:** 27/5/24 |
| **Specifications:** ZULU-BECA-001-SPC-00004 | | | | | |
| **Structure / Component:** AGL | | | | | |

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| Lot No: | Lot Details: | Lot size/Quantity: | Date: |

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| **Item No.** | **Task/Activity Description** | **Inspection/Test** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility** Project Engineer Principal’s Representative Surveyor Foreman | **Checked by:** | | | |
| **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection/ Test Method** | **Record of conformity** | **Avionics** | **Principal’s Rep.** | **FH** | **Date** |
| **1.0** | **Preliminary Works** | | | | | | | | | | | |
| 1.1 | Check for correct documentation | Prior to start | Ensure that all employees and subcontractors are:   * using the correct and complete set of drawings. * all drawings are the latest revision. | Drawings / Aconex Register | Verify | Drawings and drawing registers | HP\* | Project Engineer |  |  |  |  |
| 1.2 | Implementation of all measures and controls | Prior to start | All necessary measures and controls being implemented, that is PSP, EMP, TMP, SWMS & WP | PSP, EMP, TMP, JSEA, SWMS, WP | Visual Inspection | This ITP signed | HP\* | Project Engineer |  |  |  |  |
| 1.3 | Definition of the work area & survey check | Prior to start | Work area has been cleared and surveyed (marked on site). Work area to be clearly defined as per For Construction drawings prior to trenching and install.  Ensure excavation permit obtained and (if required) services in work(s) area isolated. | IFC  Drawings  Excavation Permit | Verify | This ITP signed | SCP | Project Engineer / Surveyor |  |  |  |  |

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| **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection/ Test Method** | **Record of conformity** | **Avionics** | **Principal’s Rep.** | **FH** | **Date** |
| **2.0** | **Installation of SIT Pits** | | | | | | | | | | | |
| 2.1 | Pit excavation and placement | Each Lot | Dig zone marked out and excavation undergone in accordance to relevant permit. Pit placed and levelled as per survey set out. | Drawings | Verify | This ITP signed  Avionics SIT Pit Installation checklist | HP\* | Project Engineer / Surveyor |  |  |  |  |
| 2.2 | Conduit positioning | Each Lot | Primary, secondary and earth conduits (and subsoil outlet) positioned in pit according to IFC drawings. | Drawings | Verify | This ITP signed  Avionics SIT Pit Installation checklist | IP | Project Engineer |  |  |  |  |
| 2.3 | Bedding and backfill of pit surrounds | Each Lot | Each pit shall be bedded and backfilled with stabilised sand. | ZULU- BECA-001- SPC-00004 | Verify | This ITP signed  Avionics SIT Pit Installation checklist | HP\* | Project Engineer / Site Supervisor |  |  |  |  |
| 2.4 | Pit close out | Each Lot | Pits shall be labelled and directional markers placed. Lids to be secured and area cleaned/demolished. | ZULU- BECA-001- SPC-00004 | Verify | This ITP signed  Avionics SIT Pit Installation checklist | IP | Project Engineer |  |  |  |  |
| **Final Inspection**  The signature below verifies that this ITP has been completed in accordance with the Fulton Hogan’s Quality system Procedures and verifies lot compliance with specifications.  **Print Name: Position: Signature: Date: / /** | | | | | | | | | | | | |

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**Legend:**

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| **HP** | Hold Point | Work shall not proceed past the HP until released by the Principal’s Representative | **IP** | Inspection point | Formal Inspection to be done and recorded |
| **HP\*** | Fulton Hogan Hold Point | Work shall not proceed past the HP\* until released by Fulton Hogan | **TP** | Test Point | Product compliance test to be undertaken and recorded/reported |
| **WP** | Witness Point | An inspection which must be witnessed by the Principal’s Representative | **SCP** | Survey conformance point | A qualified surveyor to check product/section/structure and report |
| **AP** | Approval Point | Written or verbal approval given by the Principal’s Representative |  | | |

**Notes**

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| SIT Pit Installation | | | | | | |
|  | Pit ID: | | |  | | |
| Pit Type: | | |  | | |
| Class: | | |  | | |
| Manufacturer: | | |  | | |
| Task Details | | Signature: | Date: | | Name: | Status: |
| Task number 1: PRE-WORKS   * Survey Pit Position (by Fulton Hogan). * Excavation Permit completed and approved for works (by Fulton Hogan). * Isolation of all services in works area (if required). | |  |  | |  |  |
| Task number 2: CIVIL WORKS   * Excavate hole for pit. As per drawings (approx. 1250mm x 1250mm x 1100mm excavation). * Position stabilised sand in excavation and level as per spec. * Lift Pit into position, using the correct lifting method. Ensuring the conduit holes align as per location requirements. * Ensure Pit is level and flush with surrounding ground level. | |  |  | |  |  |
| Task number 3: CIVIL WORKS   * Excavate and install earth pit as per the drawings. * Position conduits ensuring they correct align for primary, secondary and earth pit connection. * Install earth bar in SIT Pit. * Position brackets for SIT Mountings. | |  |  | |  |  |
| Task number 4: CIVIL WORKS   * Backfill around pit with stabilised sand. * Position pit lids. * Clean area and demobilize. | |  |  | |  |  |
| Task number 5: CIVIL WORKS  - Install PIT Labels. | |  |  | |  |  |
| Task number 6: CIVIL WORKS  - Install Directional Arrows. | |  |  | |  |  |
| Task number 7: CIVIL WORKS  - Install earth stake in earth pit. | |  |  | |  |  |

Asset:

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