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

| **Item**  **No.** | **Task/Activity Description** | **Inspection/Test** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility** | **Checked by:** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection/ Test Method** | **Record of conformity** | Project Engineer / Site Engineer | **Principal’s Rep.** | **FH** | **Date** |
| **1.0** | **Preliminary Activities – Permits, Documentation, Approvals, Survey Documentation** | | | | | | | | | | |
| 1.1 | Check for correct documentation | Prior to commencing activity | 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 / Site Engineer |  |  |  |
| 1.2 | Implementation of all measures and controls | Prior to commencing activity | 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 / Site Engineer |  |  |  |
| 1.3 | Survey Checks | Prior to commencing activity | Survey set out to be completed for all assets | Drawings | Verify | This ITP signed | HP\* | Project Engineer / Site Engineer |  |  |  |
| 1.4 | Submission & approval of shop drawings | Prior to commencing activity | **HOLD POINT**  Submit shop drawings to the principal’s representative for approval prior to fabrication commencement. Items to include but not limited to:   * DB-AGL1 * DB-AGL2 * CCRs * SACs * SCOs * ILCMS equipment | ZULU-BECA-001-SPC-00005  C2100  Page 10  Drawings 030-3100 set  Approved Shop drawings | Verify | Aconex Reference | **HP** | Project Engineer / Site Engineer /**Principal’s Representative** |  |  |  |
| 1.5 | Material Submission | Prior to commencing activity | **HOLD POINT** Items to include but not limited to:   * Control Systems * Power Control * Switchgear * Cables | Drawings / Aconex Register | Verify | Aconex Reference | **HP** | Project Engineer / Site Engineer /**Principal’s Representative** |  |  |  |
| 1.6 | Off-site Inspections | Each Lot | **WITNESS POINT**  Switchboards shall be fully tested before leaving the manufacturer’s premises.  Inspection and attendance on site for Factory Acceptance Testing for:   * Switchboards * Distribution Boards   Following these inspections FAT testing shall be submitted. | ZULU-BECA-001-SPC-00005  C2121.20  Page 58  AS/NZS 3000  Drawings 030-3100 set | Verify | This ITP Signed  Factory Acceptance Tests | **WP**  **TP** | Project Engineer / Site Engineer /**Principal’s Representative** |  |  |  |
| **2.0** | **Construction** | | | | | | | | | | |
| 2.1 | Delivery of Materials to site | Each Lot | Inspection of materials whilst still loaded on the truck prior to accepting the delivery on site.  Identify any damage/defects prior to unloading of the material. | ZULU-BECA-001-SPC-00005  Drawings | Visual Inspection | This ITP Signed  Materials Inspection Checklist on ConQA | IP | Project Engineer / Site Engineer |  |  |  |
| 2.2 | Inspection of installed works | Each Lot | AGL contractor to inspect the installation to confirm suitability and as per design, including but not limited to:   * Pits * Conduits * Slabs * Structure * Cable trays | Drawings | Visual Inspection | This ITP Signed | IP | Project Engineer / Site Engineer |  |  |  |
| 2.5 | SCO | Each Lot | Supply and installation of (Nos.04) SCOs as per drawings and approved shop drawings. Including but not limited to:   * Cubicle to be plinth mounted * Cabling * Labelling | AS/NZS 3000  Drawings 030-3100 set  Shop Drawings | Visual Inspection | This ITP Signed  ADB Safegate ITC | IP | Project Engineer / Site Engineer |  |  |  |
| 2.6 | SAC | Each Lot | Supply and Installation of (Nos 04) SACs (with 36 x SDH-100-2000-PH Surge Diverters per Cubicle) as per drawings and approved shop drawings. Including but not limited to:   * Cubicle to be plinth mounted * Conduit hood installed * Cabling * Labelling | AS/NZS 3000  Drawings 030-3100 set  Shop Drawings | Visual Inspection | This ITP Signed  ADB Safegate ITC | IP | Project Engineer / Site Engineer |  |  |  |
| 2.7 | ILCMs | Each Lot | Supply and Installation of ILCMs equipment (including NCU cabinet, ASP cabinet, and existing SFAL) as per drawings and approved shop drawings. Including but not limited to:   * TFO 200W NO E 6.6A/6.6A 50/60HZ Installed * SCF Complete Capsuled Installed * Two SCI Series Circuit Inductors Installed * Cabling * Labelling | AS/NZS 3000  Drawings 030-3100 set  Shop Drawings | Visual Inspection | This ITP Signed  ADB Safegate ITC | IP | Project Engineer / Site Engineer |  |  |  |
| 2.8 | SCM | Each Lot | Supply and Installation of SCM equipment as per drawings and approved shop drawings. Including but not limited to:   * SCM Cabinet Modems Labelled * OFLEX CLASSIC 110 CY 2x1.5 installed from CCRs to SCM Cabinet * OFLEX Cables tied and labelled on the cable tray * OFLEX Cables terminated inside the SCM Cabinet * SCM Cabinet Energised | AS/NZS 3000  Drawings 030-3100 set | Verify | This ITP Signed  ADB Safegate ITC | **TP** | Project Engineer / Site Engineer |  |  |  |
| 2.9 | CCR | Each Lot | Supply and Installation of CCR equipment as per drawings and approved shop drawings. Including but not limited to:   * 7.5 kW CRE CCR’s to be installed * CCR Power supply Cables with 50A Plugs Installed * Cables form CCR SCO to the 2 SCI Series Circuit Inductors with Female Connectors Installed | AS/NZS 3000  Drawings 030-3100 set | Verify | This ITP Signed  ADB Safegate ITC | **TP** | Project Engineer / Site Engineer |  |  |  |
| 2.11 | DBs | Each Lot | Confirm the following items are constructed in accordance with IFC design and specification.   * Size, colour, location * Plinth (if required) * Secure and anchored. * Labels * Tightness & alignment * All wiring tidy and neat | ZULU-BECA-001-SPC-00005  C2100.2  AS/NZS 3000  Drawings 030-3100 set | Verify | This ITP Signed  ADB Safegate ITC | **TP** | Project Engineer / Site Engineer |  |  |  |
| 2.12 | Cabling – Mains, Submains, | Each Lot | Confirm the following items are constructed in accordance with IFC design and specification.   * Type, size, colour, quantities, location * Secure   Verify and confirm the following tests as per AS/NZS 3000 (not limited to):   * Polarity Check * Cable Loop Resistance (Ohms) * Insulation Resistance (Core-Core& Core to Earth) | ZULU-BECA-001-SPC-00005  C2111.5  AS/NZS 3000  Drawings 030-3100 set | Verify | This ITP Signed  ADB Safegate ITC | **TP** | Project Engineer / Site Engineer |  |  |  |

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| **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: / /** |

**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 |  |  | |

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| **Notes** |  |  |  |  |