

| Room Name                                 | Communications Room  |                                     | Room Number COMM   |
|---|--|-------------------------------------|--|
| <b>Revision</b>                           | 6  |                                     |  |
| <b>Issue Date</b>                         | 31.01.2024   |                                     |  |
| <b>BRIEFING</b>                           |  |                                     |  |
| <b>Briefed Area</b>                       | 15.00 m <sup>2</sup>   |                                     |  |
| <b>Hours of Operation</b>                 | 24 Hours   |                                     |  |
| <b>Occupancy</b>                          | 1 - 2 intermittently   |                                     |  |
| <b>Acoustics</b>                          |  |                                     |  |
| <b>Remarks</b>                            |  |                                     |  |
| <b>Description / Special Requirements</b> | <p>A secure room for engineering services to accommodate racks, backbone cabling and interface control panels for information and communication systems. Systems may include master antenna television (MATV), internet protocol television (IPTV), nurse call, security, telecommunications, building management system (BMS) and Fire/EWIS systems.</p> <p>Additional Considerations:</p> <ul style="list-style-type: none"> <li>The area shown is indicative; the size of the Communications Room will vary according to engineering consultant advice based on systems to be accommodated.</li> <li>Head end units for security, nurse call, BMS, TMV, IPTV/MATV to be accommodated as required.</li> <li>Equipment located in this room will require uninterruptible power fed from the essential supply (generator).</li> <li>Dedicated air conditioning that is monitored by the Building Management System (BMS) is required</li> <li>Provide adequate lighting to ensure visibility to both front and rear of racks.</li> <li>The configuration of power and data (i.e., wall mounted or ceiling mounted services) to supply the racks is to be determine base on the room layout and equipment selected.</li> <li>The Communication Room must be located such that it is not susceptible to possible water damage or excessive electromagnetic interference. Water or gas pipes must not pass through a Communication Room.</li> <li>Where a Distributed Antenna System (DAS) for in-building mobile reception is provided, the telco carrier base station equipment is to be located in the Communications Room. Refer to telco for spatial requirements to determine sizing of the Communications Room. A DAS shall conform to the most recent edition of the Mobile Carriers Forum Design Specification for Distributed Antenna Systems.</li> </ul> |                                     |  |
| <b>SERVICES</b>                           |  |                                     |  |
| <b>Electrical</b>                         | BODY PROTECTED   | <input type="checkbox"/>            | CARDIAC PROTECTED <input type="checkbox"/>   |
| <b>HVAC</b>                               | AIRCONDITIONING  | <input checked="" type="checkbox"/> | AIRCONDITIONING: hepa filtered <input type="checkbox"/>                              |
|   | AIRCONDITIONING: positive pressure   | <input type="checkbox"/>            | AIRCONDITIONING: negative pressure <input type="checkbox"/>                          |
|   | EXHAUST: room exhaust  | <input type="checkbox"/>            | VENTILATION <input type="checkbox"/>   |
| <b>Lighting</b>                           | LIGHTING: colour corrected   | <input type="checkbox"/>            | LIGHTING: dimmable <input type="checkbox"/>  |
|   | LIGHTING: downlights   | <input type="checkbox"/>            | LIGHTING: downlights, dimmable <input type="checkbox"/>                              |
|   | LIGHTING: fluorescent/LED, downlights  | <input type="checkbox"/>            | LIGHTING: fluorescent/LED, flush with ceiling, tamper proof <input type="checkbox"/> |
|   | LIGHTING: fluorescent/LED, general   | <input checked="" type="checkbox"/> | LIGHTING: indirect <input type="checkbox"/>  |
| <b>Security / Nurse Call</b>              | NURSE CALL SYSTEM  | <input type="checkbox"/>            |  |

**Room Fabrics**

| AusHFG code | Description   | Comment |
|-------------|---|---------|
| CLTI-008    | CEILING: plasterboard, drop-in tiles, prefinished, 600 x 1200 |         |
| CLCN-009    | CORNICE: wall trim fixing                                     |         |
| DWSC-021    | DOOR: 1400mm c/o, 1 1/2 leaf, solid core, paint               |         |
| DWPR-005    | DOOR PROTECTION: protection plate to 900 AFFL                 |         |

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|-------------|---|---------|
| FLVY-001    | FLOOR FINISH: vinyl, seamless, coved, anti-static     |         |
| FLSK-010    | SKIRTING: vinyl, floor vinyl coved, 150H, prefinished |         |
| WLWA-004    | WALL FINISH: paint, acrylic, washable                 |         |

#### Fittings, Furniture and Equipment (FF&E) Items

| AusHFG code | Description  | Group | Qty | Comment                                |
|-------------|--|-------|-----|--|
| ITNE-005    | COMMS BOARD  | 1     | 1   | to suit project requirements           |
| ITIN-139    | COMPUTER: mainframe                                | 1     | 1   | to suit project requirements           |
| ITNE-011    | COMPUTER: server                                   | 3     | 1   | to suit project requirements           |
| ITIN-123    | RACK: communications                               | 1     | 1   | to suit project requirements           |
| ITIN-128    | RACK: voice, intermediate distribution frame (IDF) | 1     | 1   | optional, to suit project requirements |
| FQGE-095    | STEP: safety                                       | 3     | 1   |  |
| ITNE-052    | TELEPHONE: handset, wall mount                     | 1     | 1   |  |

#### Engineering Services

| AusHFG code | Description                               | Group | Qty | Comment   |
|-------------|---|-------|-----|---|
| ITSE-020    | CONTROL PANEL: duress                     | 1     | 1   | optional, to suit project requirements  |
| ELGP-208    | GPO: double, wall mounted                 | 1     | 3   | to suit project requirements  |
| ELGP-235    | GPO: UPS, double, wall mounted            | 1     | 4   | to suit project requirements, power may be wall mounted or delivered via ceiling mounted umbilicals for access depending on server selection. |
| ITBU-015    | HEAD END: IPTV                            | 3     | 1   | optional, to suit project requirements  |
| ITBU-016    | HEAD END: MATV                            | 1     | 1   | optional, to suit project requirements  |
| ITIN-026    | OUTLET: data, double RJ45, wall mounted   | 1     | 2   | to suit project requirements  |
| ITIN-016    | OUTLET: data, single RJ45, wall mounted   | 1     | 1   | to suit project requirements  |
| ITSE-038    | READER: access control, general           | 1     | 1   |   |
| ITSE-046    | SENSOR: motion detection, for staff alert | 3     | 1   |   |
| ELBO-015    | SWITCH: light, single                     | 1     | 1   |   |