



George Passmore  
Director Business Performance  
Queensland Competition Authority  
Level 27, 145 Ann Street  
Brisbane QLD 4000

### Capital Expenditure FY18 – Amendment

16 November 2018

Dear George,

Aurizon Network submitted its Capital Expenditure for the financial year July 2017 to June 2018, 31 October 2018.

Aurizon Network is removing project IV.00268 Ground Penetrating Radar (**GPR**) Program as it was included in error. Aurizon Network is also removing two other projects as these are not completed but will be included in the FY19 claim. Total amendment of the FY18 Capital Expenditure claim is a reduction of \$1,657,524, details of which are below:

| Project Number         | Project Name                           | FY18 Total Claim Value<br>(inc IDC) |
|------------------------|--|-------------------------------------|
| IV.00268               | Ground Penetrating Radar (GPR) Program | \$1,487,900                         |
| IV.00376               | FY18 Access Points                     | \$124,088                           |
| IV.00374               | Access Roads                           | \$45,536                            |
| <b>TOTAL AMENDMENT</b> |  | <b>\$1,657,524</b>                  |

To support the amended claim, please find attached the amended Capex Expenditure amounts, by Project within Appendix A.

Should you have any enquiries, please contact Jenna Cameron on 07 3019 1123 or via email [Jenna.Cameron@aurizon.com.au](mailto:Jenna.Cameron@aurizon.com.au).

Yours faithfully,

A handwritten signature in blue ink, consisting of a series of loops and a long horizontal stroke extending to the right.

Donna Bowman  
Network Regulation Manager (Access Undertaking)  
Aurizon Network





## Appendix A: Capital Expenditure Project List

| Project Number    | Project Name                           | Project Type    | Project Discipline | Asset Type          | System      | Claimable Expenditure (pre-escalation) |
|-------------------|--|-----------------|--------------------|---------------------|-------------|--|
| MATERIAL PROJECTS |  |                 |                    |                     |             |  |
| IV.00049          | Radio System Replacement               | Capital Renewal | Systems            | Network Controls    | System Wide | 23,351,894                             |
| IV.00323          | Track Upgrade FY18                     | Capital Renewal | CIVIL              | Track               | System Wide | 23,449,382                             |
| IV.00322          | Rail Renewal FY18                      | Capital Renewal | CIVIL              | Rail                | System Wide | 21,468,545                             |
| IV.00329          | Structures Renewal FY18                | Capital Renewal | CIVIL              | Structures          | System Wide | 15,054,900                             |
| IV.00344          | Formation Renewal FY18                 | Capital Renewal | CIVIL              | Formation / Ballast | System Wide | 12,236,291                             |
| IV.00364          | Turnout Renewal FY18                   | Capital Renewal | CIVIL              | Turnouts            | System Wide | 11,500,392                             |
| A.04599           | Havilah Culverts Upgrade               | Growth          | Expansion          | Structures          | Newlands    | 8,719,163                              |
| IV.00346          | Package 1 FY18 Control Systems Renewal | Capital Renewal | Systems            | Network Controls    | System Wide | 8,223,807                              |
| IV.00347          | Package 2 FY18 Control Systems Renewal | Capital Renewal | Systems            | Network Controls    | System Wide | 8,035,389                              |
| IV.00334          | Bridge Ballast Renewal Program FY18    | Capital Renewal | CIVIL              | Formation / Ballast | System Wide | 7,272,262                              |
| IV.00321          | Sleeper Renewal Program FY18           | Capital Renewal | CIVIL              | Sleepers            | System Wide | 6,747,175                              |
| <b>Sub total</b>  |  |                 |                    |                     |             | <b>\$146,059,200</b>                   |

| Project Number               | Project Name                             | Project Type    | Project Discipline | Asset Type           | System      | Claimable Expenditure (pre-escalation) |
|------------------------------|--|-----------------|--------------------|----------------------|-------------|--|
| <b>NON-MATERIAL PROJECTS</b> |  |                 |                    |                      |             |  |
| IV.00343                     | Level Crossings Renewal Program FY18     | Capital Renewal | CIVIL              | Level Crossings      | System Wide | 5,421,998                              |
| IV.00360                     | Network Asset Mgt System Tranche 2       | Capital Renewal | Systems            | Operational Systems  | System Wide | 5,311,528                              |
| IV.00145                     | Track Upgrade FY17                       | Capital Renewal | CIVIL              | Track                | System Wide | 5,145,878                              |
| IV.00437                     | Callide Infrastructure Upgrade           | Other           | CIVIL              | Track                | TBC         | 5,151,241                              |
| IV.00399                     | 2017 Cyclone Debbie Rectification        | Capital Renewal | CIVIL              | Various              | System Wide | 4,441,745                              |
| OP.00161                     | FY18 Minerva Renewals                    | Capital Renewal | CIVIL              | Sleepers             | Blackwater  | 3,813,799                              |
| IV.00177                     | Structures Renewal FY17                  | Capital Renewal | CIVIL              | Structures           | System Wide | 3,618,047                              |
| IV.00384                     | OH Equipment Renewal FY18                | Capital Renewal | Electrical         | Distribution Network | System Wide | 3,461,614                              |
| IV.00270                     | Ethernet to Corner SCADA Upgrade FY17    | Capital Renewal | Systems            | Network Controls     | System Wide | 3,022,135                              |
| IV.00146                     | Sleeper Renewal FY17                     | Capital Renewal | CIVIL              | Sleepers             | System Wide | 2,843,381                              |
| IV.00168                     | Turnout Renewal FY17                     | Capital Renewal | CIVIL              | Turnouts             | System Wide | 2,685,243                              |
| IV.00294                     | Goonyella Supersite FY17                 | Capital Renewal | Systems            | Network Controls     | Goonyella   | 2,147,879                              |
| IV.00144                     | Rail Renewal FY17                        | Capital Renewal | CIVIL              | Rail                 | System Wide | 2,064,204                              |
| IV.00004                     | Traction Fault Locator Renewal           | Capital Renewal | Electrical         | Distribution Network | System Wide | 1,985,507                              |
| IV.00283                     | Traction SCADA System                    | Capital Renewal | Systems            | Network Controls     | System Wide | 2,078,916                              |
| IV.00266                     | Transmission Renewal FY17                | Capital Renewal | Systems            | Network Controls     | System Wide | 1,926,012                              |
| IV.00261                     | Telecommunications Infrastructure Renewa | Capital Renewal | Systems            | Telecommunication    | System Wide | 1,875,684                              |
| IV.00154                     | FY17 Autotransformer Renewal Project     | Capital Renewal | Electrical         | Power Systems        | System Wide | 1,437,366                              |
| IV.00170                     | Bridge Ballast Renewals FY17             | Capital Renewal | CIVIL              | Formation / Ballast  | System Wide | 1,284,390                              |
| IV.00375                     | Corridor Security & Fencing FY18         | Capital Renewal | Corridor           | Corridor Access      | System Wide | 769,726                                |
| IV.00032                     | FY16 Turnout Renewal Program             | Capital Renewal | CIVIL              | Turnouts             | System Wide | 717,377                                |
| A.01731                      | WIRP1: DINGO TO BLUFF DUPLICATION        | Growth          | CIVIL              | Track                | Blackwater  | 550,225                                |
| IV.00184                     | Network Capacity Model                   | Capital Renewal | Systems            | Network Controls     | System Wide | 521,256                                |
| IV.00169                     | Formation Renewal FY17                   | Capital Renewal | CIVIL              | Formation / Ballast  | System Wide | 459,984                                |
| IV.00040                     | Train Detection Renewal Program          | Capital Renewal | Systems            | Network Controls     | Goonyella   | 360,580                                |
| IV.00316                     | Access Points Renewal Program            | Capital Renewal | Corridor           | Corridor Access      | System Wide | 308,344                                |

|          |  |                 |            |                      |             |           |
|----------|--|-----------------|------------|----------------------|-------------|-----------|
| A.04313  | Gauge Face Lubrication Asset Renewal     | Capital Renewal | CIVIL      | Track                | System Wide | 276,873   |
| IV.00271 | UTC and DTC Upgrade Program              | Capital Renewal | Systems    | Signalling Equipment | System Wide | 264,528   |
| IV.00267 | Asset Protection Equipment Replacement   | Capital Renewal | Systems    | Signalling Equipment | System Wide | 238,851   |
| IV.00171 | Level Crossings FY17                     | Capital Renewal | CIVIL      | Level Crossings      | System Wide | 214,462   |
| A.02976  | WIRP1: North Coast Line                  | Growth          | CIVIL      | Track                | Blackwater  | 159,332   |
| IV.00005 | Blackwater Supersite                     | Capital Renewal | Systems    | Network Controls     | Blackwater  | 153,288   |
| A.02628  | COAL SYSTEM: COAL LOSS MANAGEMENT        | Other           | Corridor   | Environmental        | System Wide | 125,187   |
| IV.00046 | Interlocking Renewal Program             | Capital Renewal | Systems    | Signalling Equipment | System Wide | 92,267    |
| IV.00359 | FY16 Goonyella Flood                     | Capital Renewal | CIVIL      | Various              | Goonyella   | 86,001    |
| A.03735  | WIRP1: Bauhinia NORTH Upgrade            | Growth          | CIVIL      | Track                | Blackwater  | 64,434    |
| A.03686  | WIRP1: MOURA SYSTEM UPGRADE              | Growth          | CIVIL      | Track                | Moura       | 30,112    |
| A.04357  | NR Gladstone Yard Retaining Wall Upgrade | Capital Renewal | CIVIL      | Structures           | Blackwater  | 22,842    |
| A.01552  | WIRP1: WIGGINS BALLOON LOOP              | Growth          | CIVIL      | Track                | Blackwater  | 22,465    |
| IV.00260 | CQ Access Roads FY17                     | Capital Renewal | Corridor   | Corridor Access      | System Wide | 14,561    |
| IV.00025 | NR Track Upgrade Program FY16            | Capital Renewal | CIVIL      | Track                | System Wide | 4,491     |
| IV.00257 | Minerva Renewals                         | Capital Renewal | CIVIL      | Sleepers             | Blackwater  | 1,107     |
| IV.00056 | Diagnostic Computer Renewal              | Capital Renewal | Systems    | Signalling Equipment | System Wide | -105      |
| A.01631  | WIRP1: ROCKLANDS TO STANWELL DUPLICATION | Growth          | CIVIL      | Track                | Blackwater  | -2,342    |
| IV.00024 | NR Vital Disabling Release               | Capital Renewal | Systems    | Network Controls     | System Wide | -2,585    |
| A.04321  | Central Coal UPS Upgrade Project         | Capital Renewal | Systems    | Operational Systems  | System Wide | -9,291    |
| IV.00262 | Power Resilience FY17                    | Capital Renewal | Electrical | Power Systems        | Blackwater  | -31,321   |
| IV.00343 | Level Crossings Renewal Program FY18     | Capital Renewal | CIVIL      | Level Crossings      | System Wide | 5,421,998 |
| IV.00360 | Network Asset Mgt System Tranche 2       | Capital Renewal | Systems    | Operational Systems  | System Wide | 5,311,528 |
| IV.00145 | Track Upgrade FY17                       | Capital Renewal | CIVIL      | Track                | System Wide | 5,145,878 |

Sub total \$65,129,218

TOTAL Exl IDC \$211,188,417

TOTAL Incl IDC \$212,768,146