



Overview of Disaster Recovery Funding Arrangements Border Regional Organisation of Councils



Project & Engineering
Consultants

DISASTER RECOVERY FUNDING ARRANGEMENTS

Project Overview

Loneragan Project Services were engaged to assist Council with their submission development and lodgement of works packages to QRA. LPS provided procurement, project management, contract administration services and surveillance services for all works. Civil works supervision, engineering services and Quality assurance was also provided on priority roads that were to be delivered under wet hire arrangements. Restoration works undertaken included pavement reconstruction and sealing, formation grading, replacement of drainage structures and road furniture.

CLIENT

Balonne Shire Council

CONTRACT TYPE

AS400 0

VALUE

\$58M 2020 EVENT, 93M 2022 EVENTS

ROLES PROVIDED

Network Assessment, Design and Documentation, Submission Development, Project Management, Construction Surveillance, Civil Works Supervision, QRA Reporting, Liaison & Submission Approval and Acquittal.

COMPLETION DATE

June 30, 2022 & June 30, 2024.

Key Project Management Tasks

- Monthly Progress report and Dashboard Reporting to Council
- Preparation of procurement documents, specifications, and tender administration
- Contract Administration, claim assessment and certification.
- Preparation of monthly report to QRA board
- Betterment, Reconstruction, Emergency Works and Counter Disaster Applications and Acquittals
- Construction Surveillance, Quality Assurance and Risk Management.
- Variation and Project Cost Management
- Project Close Out

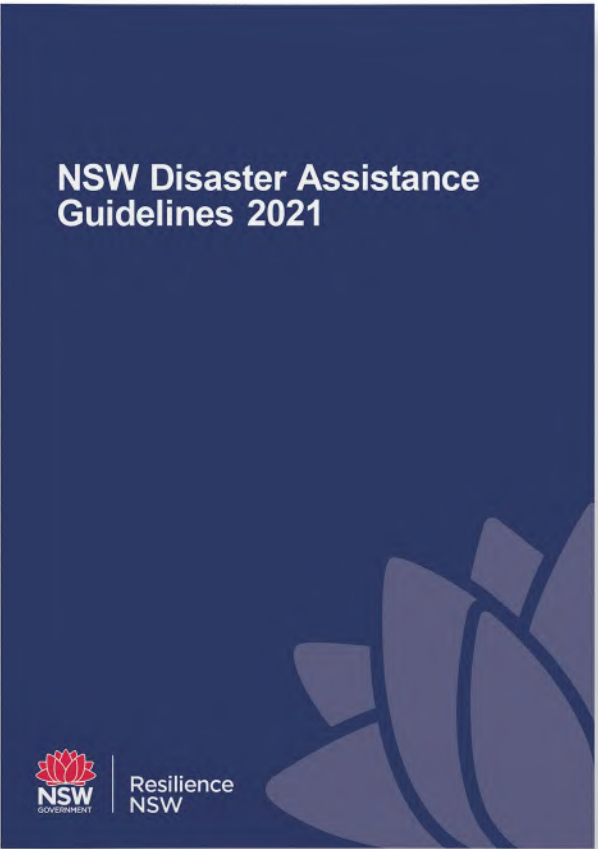
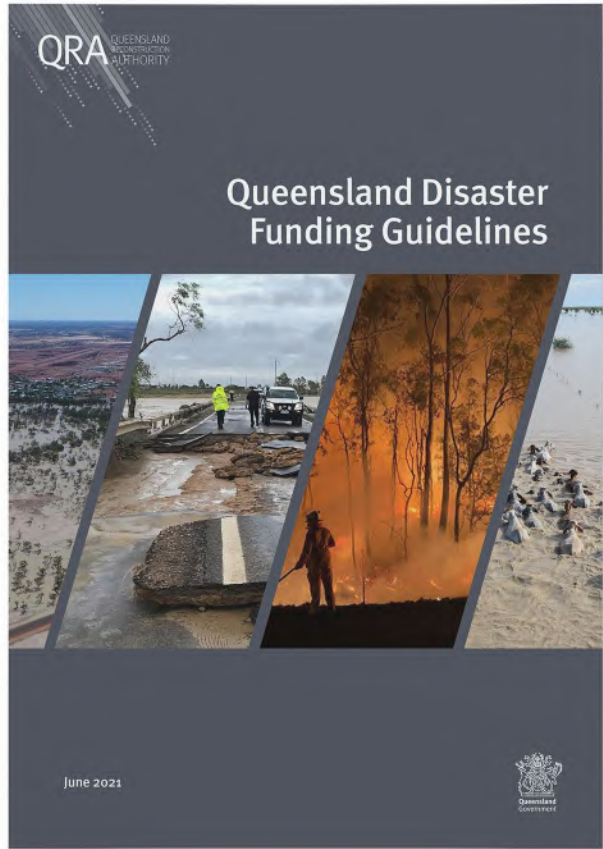
Project Outcomes

- Delivery of all works 6 months ahead of schedule
- Delivery of works within approved funding
- Full reimbursement of council expenditure
- Average construction of 5m per month using on local contractors
- Delivery of works in accordance with council specification
- Positive community feedback, on completed works.
- Over 1650km of road reconstruction completed

SECTION 1

SUBMISSION DEVELOPMENT



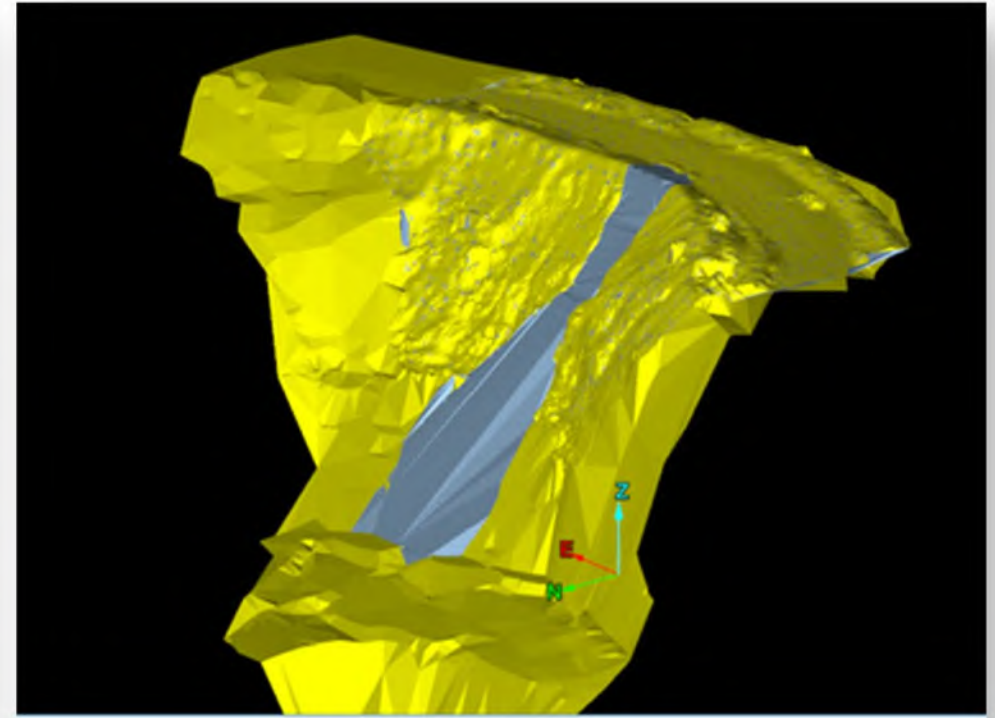


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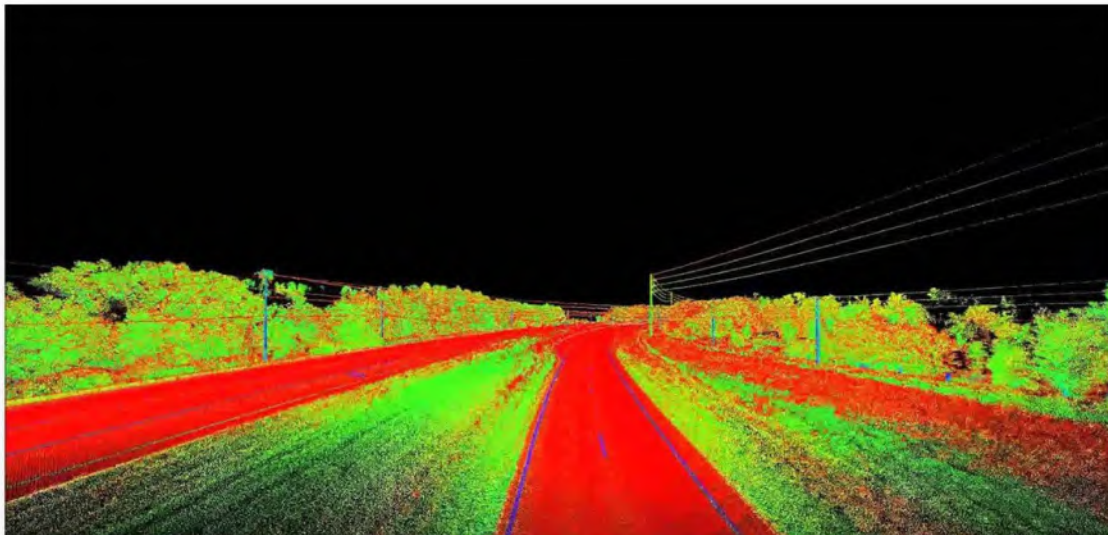
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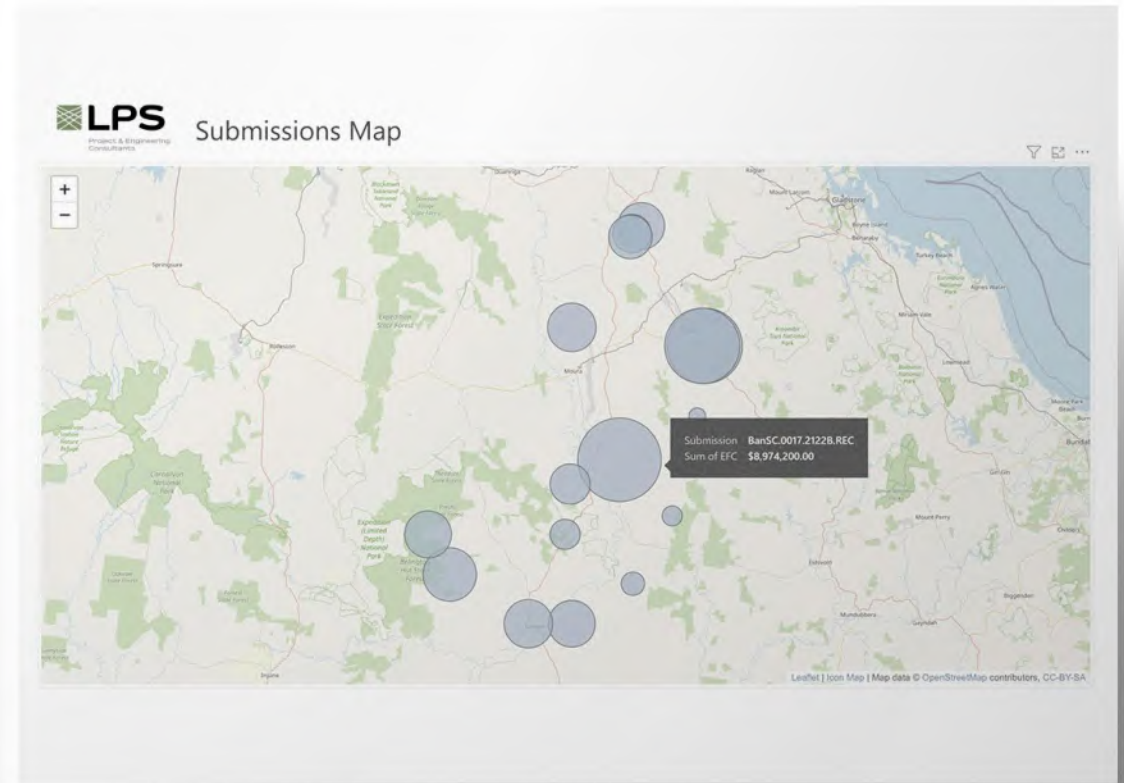
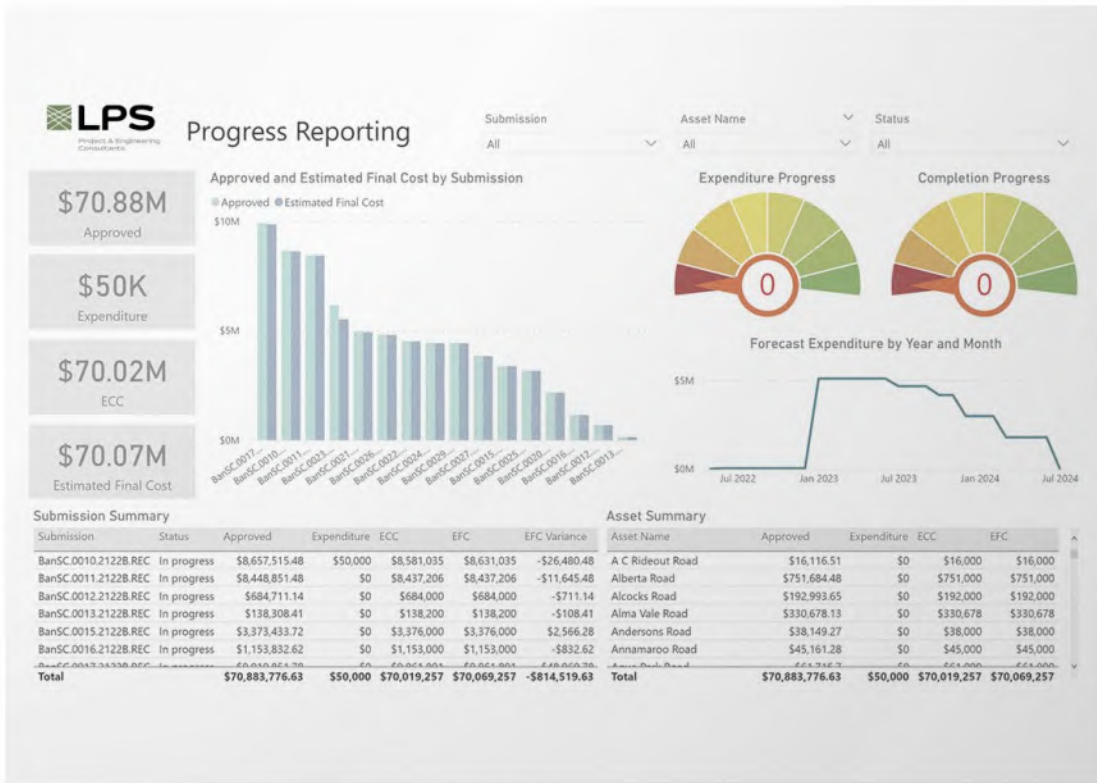
| Surface | Volume below original surface (cut) | Volume above original surface (fill) | Volume difference |
|--|-------------------------------------|--------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Final Fill Surface | 81.181m ³ | 2,180.027m ³ | 2,098.845m ³ |
| Totals: | 81.181m³ | 2,180.027m³ | 2,098.845m³ |



SECTION 1

Progress Reporting





DASHBOARD REPORTING

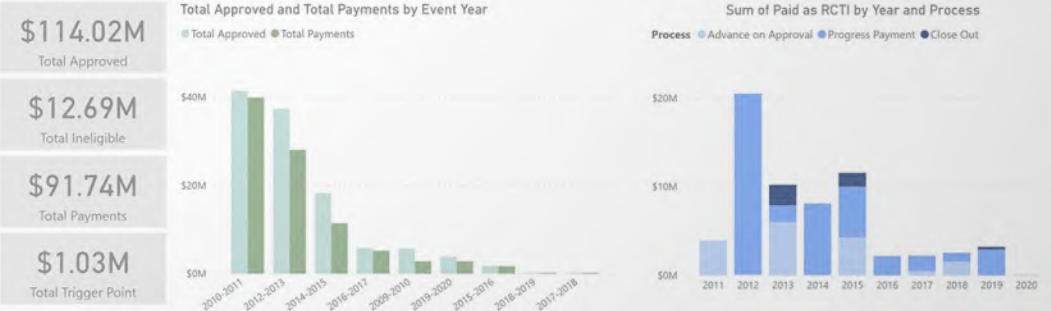
LPS Treatments Map

Submission: BanSC.0010.2122B.REC
 Asset name: Pelican Point Road
 Treatment: All



LPS Submission History

Event Year: All
 Submission: All
 Submission Type: All



Transaction History sorted by Latest Transaction

| Date | Reference | Submission Type | Event Year | Transaction Type | Eligible | Ineligible | Trigger Point | Paid as Drawdown | Paid as RCTI | Payment Date |
|--------------|----------------------|-----------------|------------|-----------------------|-------------------------|------------------------|------------------|------------------------|------------------------------|--------------|
| 7/04/2020 | BanSC.0001.1819I.QDR | QDRF | 2018-2019 | Progress Payment | | \$0 | \$0 | \$0 | \$9,906.72 | 14/04/2020 |
| 19/02/2020 | BanSC.0003.1920F.SFP | State Funded | 2019-2020 | Return Submission | | \$0 | \$0 | \$0 | \$0 | |
| 13/01/2020 | BanSC.53.19 | Restoration | 2016-2017 | Acquitted on Approval | \$29,382 | \$0 | \$0 | \$0 | \$29,382 | 14/01/2020 |
| 6/01/2020 | BanSC.43.18 | Restoration | 2016-2017 | Close-Out Acquittal | \$0 | \$0 | \$0 | \$0 | \$17,470.19 | 9/01/2020 |
| 18/12/2019 | BanSC.TBD.1920F.SFP | State Funded | 2019-2020 | Submission Advance | \$3,750,000 | \$0 | \$0 | \$0 | \$2,785,000 | 25/02/2020 |
| 6/12/2019 | BanSC.46.18 | Restoration | 2019-2020 | Close-Out Acquittal | \$0 | \$0 | \$0 | \$0 | \$225,914.83 | 10/12/2019 |
| 15/11/2019 | BanSC.47.18 | Restoration | 2016-2017 | Close-Out Acquittal | \$0 | \$0 | \$0 | \$0 | \$52,204.79 | 19/11/2019 |
| 14/11/2019 | BanSC.49.18 | Restoration | 2016-2017 | Close-Out Acquittal | \$0 | \$0 | \$0 | \$0 | \$35,584.58 | 19/11/2019 |
| Total | | | | | \$108,341,773.71 | \$12,691,606.68 | \$856,886 | \$11,389,814.18 | \$88,977,641.35000001 | |



Dashboards

Real time aggregated program and portfolio dashboards



Reporting

Automatically generate real time reports at the touch of a button



Finances

Real time aggregated finances to see the true state of the program or portfolio



Health and Risks

See the number 1 risk on your program or portfolio and stop issues before they occur



Commitments and Contracts

Keep track of all contracts and vendors in real time using Mast's best practice framework



Cashflow and Capex

Manage monthly and in-year capital allocations, reconciled back to budgets



Maps and Spatial Data

View and profile information on detailed boundary maps of states, regions, electorates and more



Maps

Plot projects on maps with visual representations of the program or portfolio



Health

Relative health composition & reporting to ensure you focus on the most important health areas first



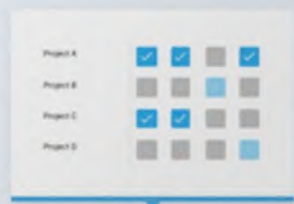
Benchmarking and Statistics

Spot trends and make decisions with benchmarking and performance data across projects



Stakeholder Dependency

Visualise cross-project stakeholder interdependencies to better understand network impact & constraints

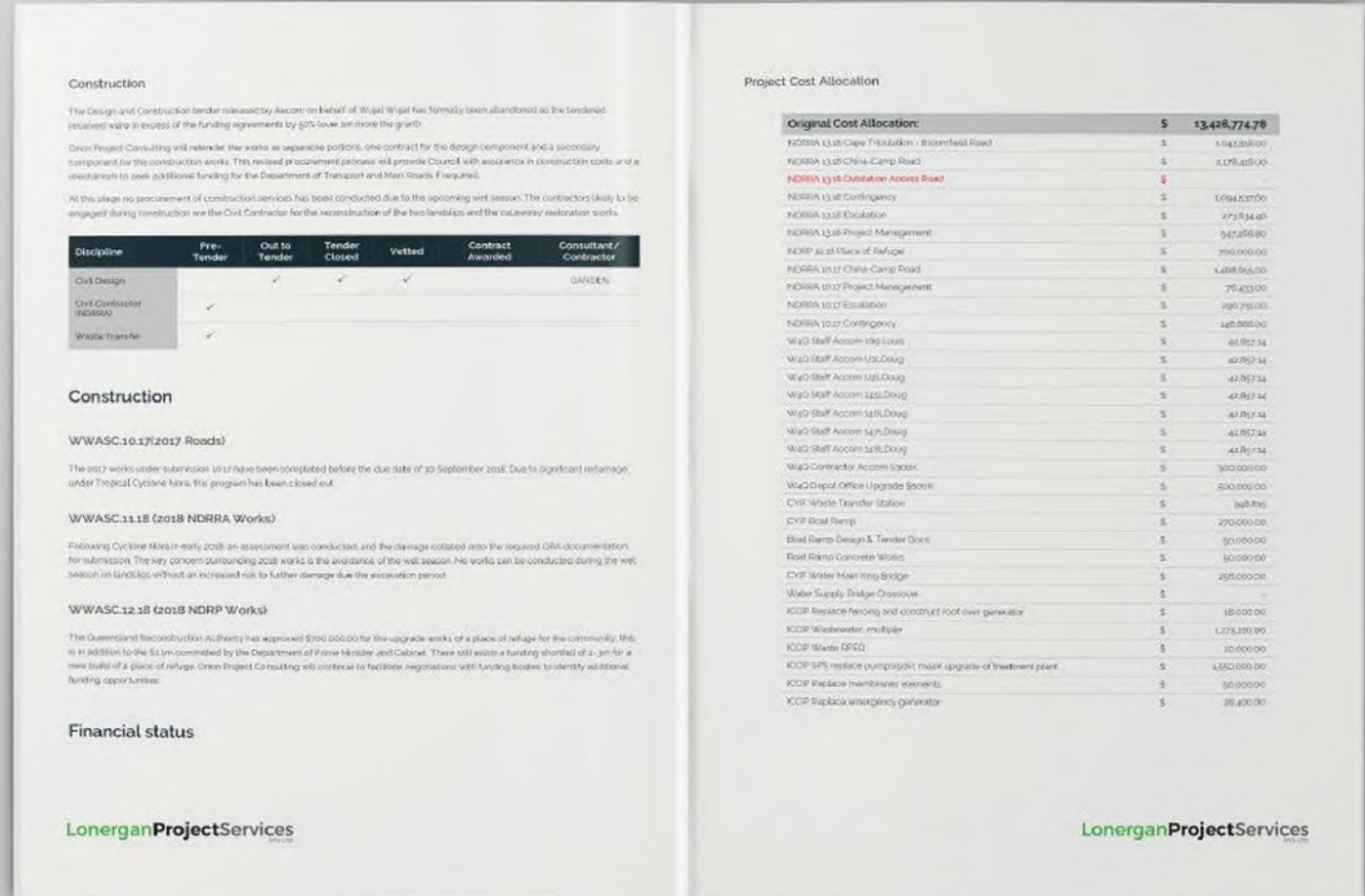


Timing and Progress

Measure and track project schedules and progress through key milestones, baseline dates and actual dates

PROGRESS REPORTING

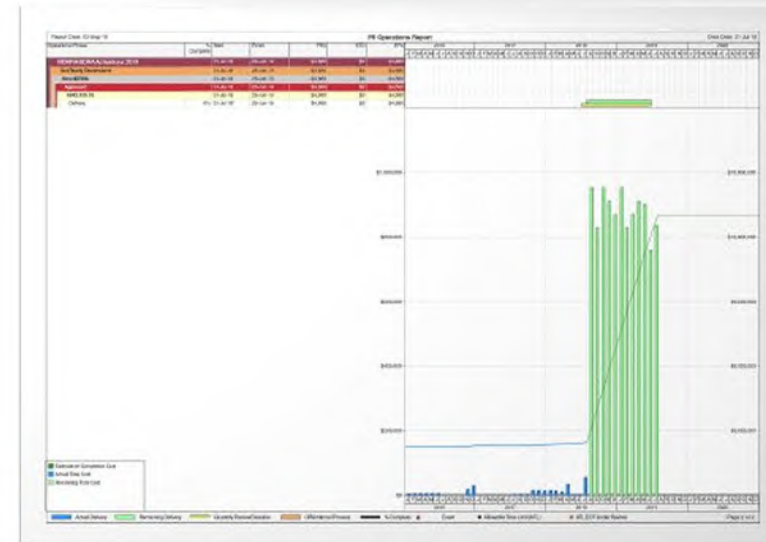
B) Weekly Client Progress Report



PROGRESS REPORTING

2. Woorabinda Aboriginal Shire Council – Betterment Culvert Replacement Project QRA

A) Milestone Progress Reporting



ATTACHMENT 3
Reporting to Client (WASC)

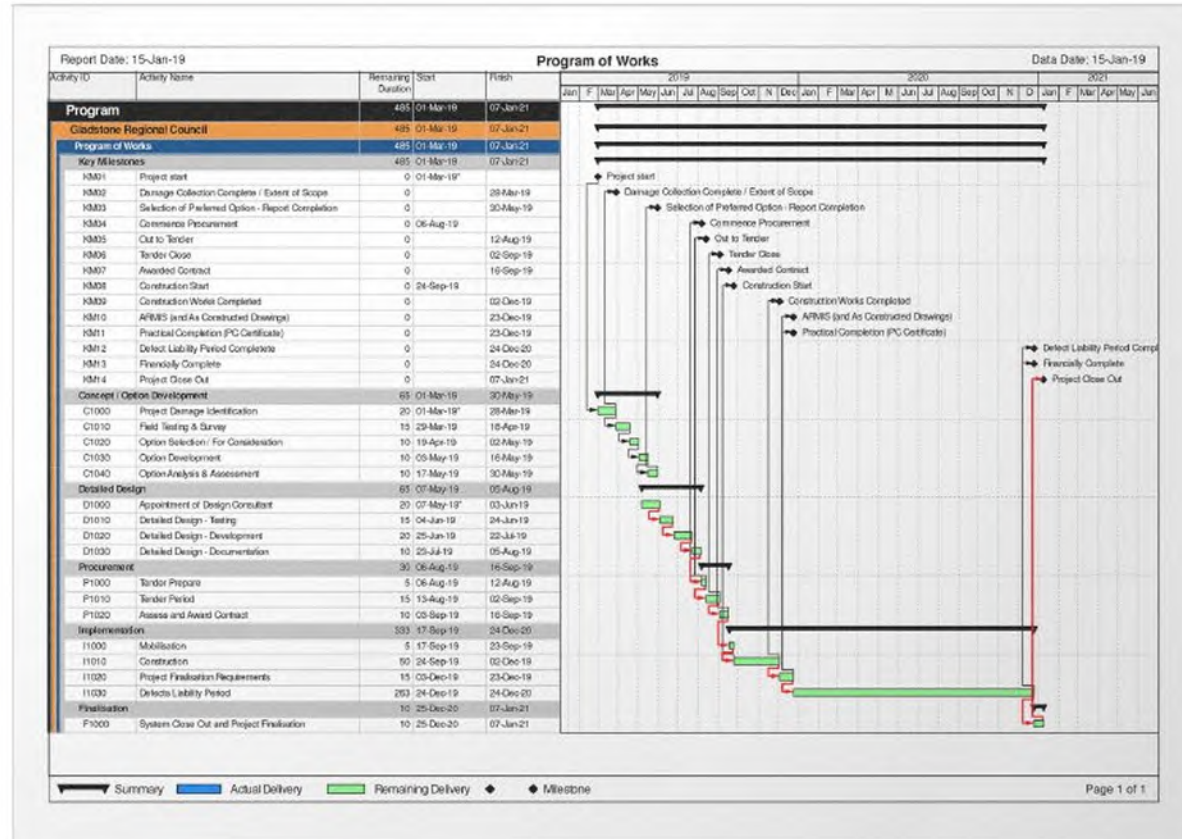
SECTION 3

Schedules and Programs



SCHEDULES AND PROGRAMS

A) Program of Works Schedule



SECTION 4

Tender Preparation



TENDER PREPARATION

A) Client Tender Preparation



HINCHINBROOK
SHIRE COUNCIL

HSC 18-09

DESIGN AND CONSTRUCTION OF THE WALLAMAN FALLS
ROAD LANDSLIP

CLOSING DATE:
FRIDAY, 21 SEPTEMBER 2018
AT 2:00PM

Version No. 1

Major Conditions of Offer

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Design and Construction of the Wallaman Falls Road Landslip Page 2 of 30

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EXHIBIT 11 – CONTENT OF CONTRACT ASSIGNMENT LETTERS

| Category | Included documents* | Brief description |
|--|--|---|
| Procurement documents | <ul style="list-style-type: none"> Advertisement BPT Advertisement BPOC Advertisement BPOF or POC Document Change Register | <p>A pre-form advertisement that Council will publish as to website or an appropriate newspaper for publicly advertised open general tender under section 228 of the Local Government Act 2002 (BPT) (Regulation) (noting that the Regulation now requires tenders to be advertised on Council's website but does not require tenders to be advertised in a newspaper).</p> <p>A pre-form advertisement that Council will publish as to website or an appropriate newspaper for publicly advertised open general tender for maintenance of telecommunications under section 228 of the Regulation.</p> <p>A pre-form advertisement that Council will publish as to website or an appropriate newspaper for publicly advertised open request for tender for the establishment of a region of pre-qualified suppliers under section 212 of the Regulation or a pre-qualified supplier engagement under section 216 of the Regulation.</p> <p>This document provides a template for marking changes which need to be made to the contract and the scope because of pre-qualified tender distribution and requirements.</p> |
| Request for tender | | <p>The framework document used to invite tenders under section 228 of the Regulation. The RFT contains all of the information which engagement need to be able to submit a tender and details the other documents comprising the Procurement Documents (Procurement Process Conditions, Terms, Scope and Response Schedule). The RFT can be updated to request questions which need to be asked to respondents prior to the RFT. The RFT can be used for all tenders, including:</p> <ul style="list-style-type: none"> one-off engagements, including regions of pre-qualified suppliers or preferred supplier arrangements, with which tenders regions where the contract will be under a RFP, under tendering, directly negotiated terms and conditions or a region of tender contact for goods, services and works. |
| Request for expression of interest | | <p>The framework document used to invite expressions of interest under section 228 of the Regulation in a request for information before inviting tenders under section 228. The RFT contains all of the information which respondents need to be able to submit an EOI and outline the other documents comprising the Procurement Documents (Procurement Process Conditions, Terms and Response Schedule). It is typically provided for a small form of response schedule. Note that the RFT can be used to request questions where more details might be required for the RFT. The RFT can be used for all positions, including:</p> <ul style="list-style-type: none"> where the contract will be under a RFP, under tendering, directly negotiated terms and conditions or a tender framework contract, for goods, services and works. |
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| Procurement process conditions | | <p>The 'Terms of tendering' for advertisement processes BPT, BPOC, BPOF, one-off engagements and RFPs. These are a comprehensive set of conditions which apply to the tendering, engagement and evaluation. It includes financial facilities, to Council holding that Council's policy is to award the right to award to that of the lowest price to be paid for the goods and services. The conditions are provided for generally made available on Council's website to avoid the need for them to be provided with each RFT, BPOC or RFP.</p> |
| Response schedule | | <p>These are standard response schedules regarding whether the engagement is for goods or services or for works. There are a number of response schedules which are intended to be adapted to suit the needs of the particular procurement process. The response schedule should refer to the evaluation criteria contained in the RFT and explain the information needed to evaluate those criteria in accordance with the Policy and Evaluation Plan.</p> |
| Notes of pre-qualified tender | | <p>A letter which can be sent to pre-qualified suppliers following evaluation of tenders or questions. It includes a copy of the completed contact for review prior to issuing the final notice of successful tender.</p> |
| Notes of successful tender (one-off) | | <p>The 'Notice of successful' tender and to the successful tender. It is intended to attach the Procurement Documents.</p> |
| Notes of successful tender (agreements BPT or POC) | | <p>The 'Notice of successful' for advertisement BPT, BPOC, BPOF, one-off engagements and RFPs. Note that this indicates that there will not be an actual contract signed with goods, BPT, BPOC, BPOF, or POC. The notice of successful tender is the agreement and the terms of the contract which will be entered into if they are engaged. It is a letter to be sent with the contract (BPT or POC).</p> |
| Notes of successful tender (good and work) | | <p>The 'Notice of successful' for engagement under direct buy arrangements.</p> |

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| Request for tender | | <p>The framework document used to invite tenders under section 228 of the Regulation. The RFT contains all of the information which engagement need to be able to submit a tender and details the other documents comprising the Procurement Documents (Procurement Process Conditions, Terms, Scope and Response Schedule). The RFT can be updated to request questions which need to be asked to respondents prior to the RFT. The RFT can be used for all tenders, including:</p> <ul style="list-style-type: none"> one-off engagements, including regions of pre-qualified suppliers or preferred supplier arrangements, with which tenders regions where the contract will be under a RFP, under tendering, directly negotiated terms and conditions or a region of tender contact for goods, services and works. |
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* Please refer to the separate and other additional company rights in the documents set, as between Council and the legal owner with this legal title Council will be deemed to be the beneficial owner, and the documents are needed for the purposes of Council's procurement and tendering activities.

SECTION 6

Risk Management



RISK MANAGEMENT

A) Development of a Risk Management Plan for Infrastructure Projects

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Table 1. Likelihood Measures

| Rating | Descriptor | Frequency |
|--------|----------------|--|
| 5 | Almost Certain | Expected to occur in most circumstances |
| 4 | Likely | Will probably occur |
| 3 | Possible | Likely to occur at some point in time |
| 2 | Unlikely | Unlikely to occur, but could occur |
| 1 | Very Unlikely | Highly unlikely, but may occur in rare and exceptional circumstances |

Table 2. Consequence Measures

| Rating | Descriptor | Cost | Time | Quality |
|--------|------------|--------------------|------------------------|---|
| 5 | Very High | > \$50k | Delay over 3 months | Dysfunctional facilities |
| 4 | High | > \$20k to < \$50k | Delay over 1 month | Significant disruption |
| 3 | Medium | > \$5k to < \$20k | Delay up to 1 month | Some disruption to operations |
| 2 | Low | > \$1k to < \$5k | Delay up to 1 week | Minor defects easily rectified |
| 1 | Very Low | < \$1k | Delay less than 1 week | Minor defects not requiring rectification |

2.4. Risk Evaluation

During the risk evaluation phase, the consequence and likelihood for each identified risk were assessed together to determine the overall risk level. This was determined by calculating the sum of the consequence and likelihood scores, resulting in an overall risk score between 7 and 10 (refer to Table 3).

The purpose of deriving an overall risk score is to assist in determining the frequency of monitoring and reporting of the risks identified.

Table 3. Risk Matrix

| Likelihood | Consequence | | | | |
|------------|----------------|----------------|----------------|----------------|----------------|
| | 1 | 2 | 3 | 4 | 5 |
| 5 | Extremely High | Extremely High | Extremely High | Extremely High | Extremely High |
| 4 | High | High | High | High | High |
| 3 | Medium | Medium | Medium | Medium | Medium |
| 2 | Low | Low | Low | Low | Low |
| 1 | Very Low | Very Low | Very Low | Very Low | Very Low |

2.5. Overall Risk Score

- 3-4: Significant: Mitigate and monitor risk. Occasional monitoring and review
- 5-6: Minor: Mitigate and monitor risk. Routine monitoring and review
- 7-8: Moderate: Treat risk until risk level is acceptable. Regular monitoring and review
- 9-10: Extreme: Immediate action required to eliminate or reduce risk. Frequent monitoring and review

SECTION 5

Scope of Works Preparation



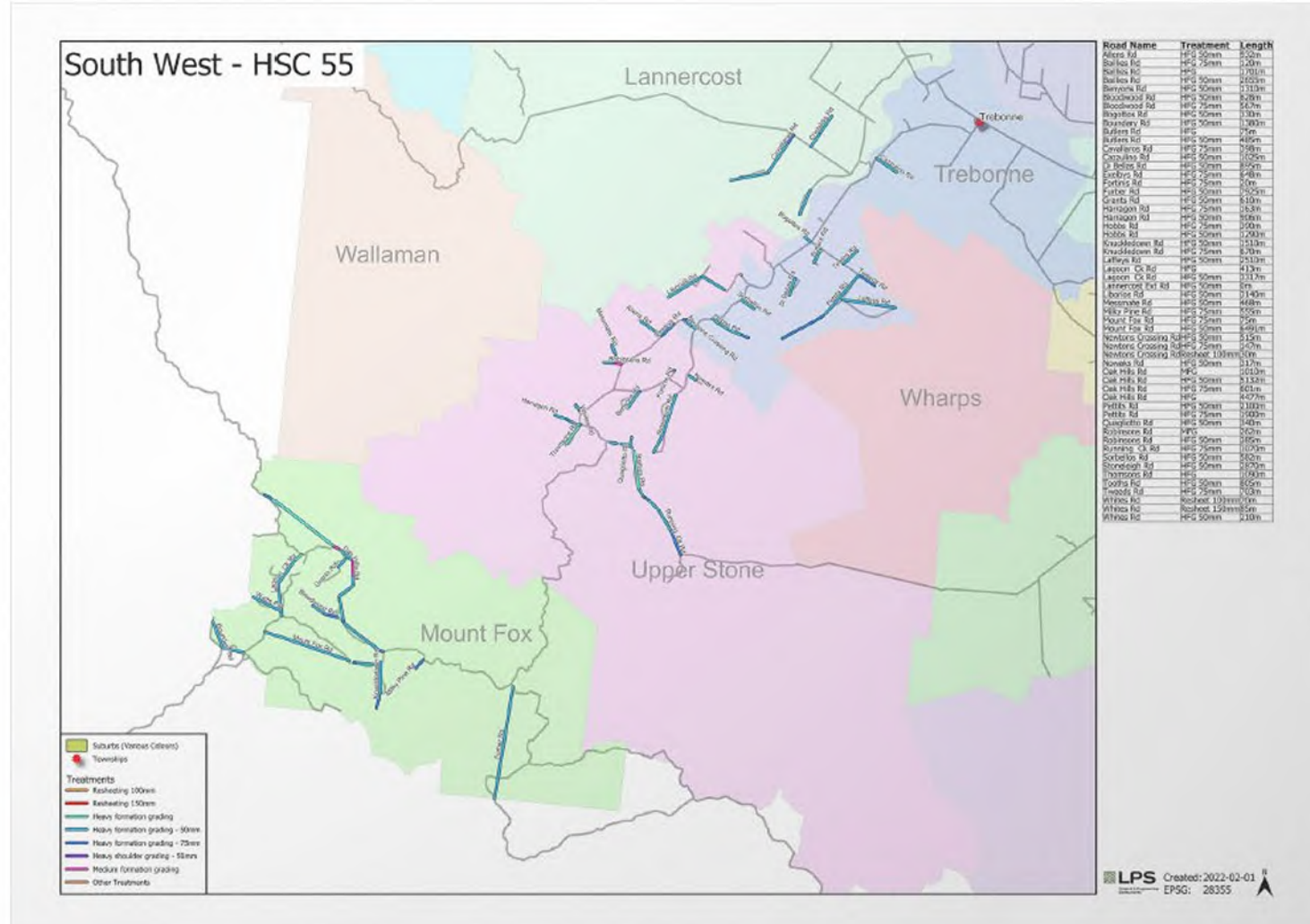
SCOPE OF WORKS PREPARATION

B) NDRRA Local Government Roads BSC

| CR 102259R 05 Additional Stabilization Works (16 weeks) | | | | | | | October 1, 2018 | | | | November 1, 2018 | | | | |
|---|----|--|----------------|----------------|---------------|-----------------|---------------------|-----------------------|----------------------------|-----------------|---------------------|-----------------------|----------------------------|-----------------|---------------------|
| Item No. | | Description | UOM | Calculated Qty | Nominal Rate | Variable Amount | This month Quantity | This month Claim (\$) | Total Claimed to date (\$) | Total left (\$) | This month Quantity | This month Claim (\$) | Total Claimed to date (\$) | Total left (\$) | This month Quantity |
| 20001 | 01 | Contractor's job facilities (MR020 Jul 17) | lump sum | 1 | \$ 123,203.85 | \$ 123,203.85 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 123,203.85 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 123,203.85 | 0.00 |
| 20002 | 01 | Contractor's camp (MR020 Jul 17) | lump sum | 1 | \$ 89,200.00 | \$ 89,200.00 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 89,200.00 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 89,200.00 | 0.00 |
| 20003 | 01 | Priority for traffic (MR002 Jul 17) | lump sum | 1 | \$ 278,441.05 | \$ 278,441.05 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 278,441.05 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 278,441.05 | 0.00 |
| 20004 | 01 | Develop Environmental Management Plan (Construction) (MR051 Jul 17 & MR052 Jul 17) | lump sum | 1 | \$ - | \$ - | 0.00 | \$ 0.00 | \$ 0.00 | \$ - | 0.00 | \$ 0.00 | \$ 0.00 | \$ - | 0.00 |
| 20005 | 01 | Implement Environmental Management Plan (Construction) (MR051 Jul 17 & MR052 Jul 17) | lump sum | 1 | \$ 30,078.51 | \$ 30,078.51 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 30,078.51 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 30,078.51 | 0.00 |
| 20006 | 01 | Environmental Licenses, Permits and Approvals (Preconstruction, if ordered) (MR052 Jul 17) | lump sum | 1 | \$ 4,835.50 | \$ 4,835.50 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 4,835.50 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 4,835.50 | 0.00 |
| Total Fixed Items | | | | | | \$ 698,245.93 | 0.00 | \$ 0.00 | \$ 698,245.93 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 698,245.93 | 0.00 | |
| On-site Stabilization | | | | | | | | | | | | | | | |
| 40201 | 02 | Excavation and disposal of material not suitable for stabilization, (excavated) (Provisional Quantity, if ordered) (MR020B Jul 17) | m ³ | 150 | 204.85 | \$ 30,727.50 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 30,727.50 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 30,727.50 | 0.00 |
| 40202 | 01 | Additional material for slope correction, (Type 2 II) (Provisional Quantity) (Provisional Quantity) | m ³ | 300 | 113.72 | \$ 34,116.00 | 52.81 | \$ 6,007.27 | \$ 6,007.27 | \$ 28,108.73 | 0.00 | \$ 0.00 | \$ 6,007.27 | \$ 22,101.46 | 0.00 |
| 40203 | 02 | Additional material for slope correction, (Type 2 II) (Provisional Quantity) (Provisional Quantity) | m ³ | 150 | 271.97 | \$ 40,795.50 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 40,795.50 | 0.00 | \$ 0.00 | \$ 0.00 | \$ 40,795.50 | 0.00 |
| 40204 | 04 | In situ stabilization using cement or cementitious binders (Type 2 II) (Provisional Quantity) (Provisional Quantity) | m ³ | 60000 | 16.25 | \$ 975,000.00 | 76.48 | \$ 1,243,530.00 | \$ 1,243,530.00 | \$ 731,469.50 | 0.00 | \$ 0.00 | \$ 1,243,530.00 | \$ 512,069.50 | 0.00 |
| 40205 | 03 | Supply of stabilizing agent (Type 2 II) (Provisional Quantity) (Provisional Quantity) | tonnes | 300 | 331.00 | \$ 99,300.00 | 58.04 | \$ 19,486.63 | \$ 19,486.63 | \$ 79,813.37 | 0.00 | \$ 0.00 | \$ 19,486.63 | \$ 80,326.74 | 0.00 |
| 40206 | 03 | Water casing (MR020B Jul 17) | m ³ | 60000 | 2.04 | \$ 1,224,000.00 | 76.48 | \$ 1,558,848.00 | \$ 1,558,848.00 | \$ 665,152.00 | 0.00 | \$ 0.00 | \$ 1,558,848.00 | \$ 693,696.00 | 0.00 |
| Total In-Site Stabilization | | | | | | \$ 2,445,839.00 | 131.33 | \$ 2,826,214.00 | \$ 2,826,214.00 | \$ 1,478,669.76 | 0.00 | \$ 0.00 | \$ 2,826,214.00 | \$ 1,347,544.24 | 0.00 |
| Sparged Seals | | | | | | | | | | | | | | | |
| 40700 | 01 | Seal class (CIVL) spray rate (140m ² including) supply of Sealed Area Seal (MR021 Jul 17) | liters | 96000 | 0.18 | \$ 17,280.00 | 3937.1 | \$ 708.66 | \$ 708.66 | \$ 16,571.34 | 0.00 | \$ 0.00 | \$ 708.66 | \$ 15,862.68 | 0.00 |
| 40700 | 02 | Seal class (CIVL) spray rate (140m ² including) supply of Sealed Area Seal (MR021 Jul 17) | liters | 40000 | 0.18 | \$ 7,200.00 | 10.00 | \$ 1,800.00 | \$ 1,800.00 | \$ 5,400.00 | 0.00 | \$ 0.00 | \$ 1,800.00 | \$ 5,400.00 | 0.00 |
| 40701 | 01 | Seal class (CIVL) spray rate (140m ² including) supply of Sealed Area Seal (MR021 Jul 17) | liters | 450 | 10.56 | \$ 4,752.00 | 25.00 | \$ 264.00 | \$ 264.00 | \$ 4,488.00 | 0.00 | \$ 0.00 | \$ 264.00 | \$ 4,224.00 | 0.00 |

SCOPE OF WORKS PREPARATION

C) Work Package Locality Maps



SECTION 7

COMPLETION REPORTS



| Concept | Development | Implementation | Finalisation |
|--|--|-----------------------|--|
| Review #1002 CYP/18/18 A/18/18 R/18/18 Q/18/18 S/18/18 T/18/18 U/18/18 V/18/18 W/18/18 X/18/18 Y/18/18 Z/18/18 | Number 117/83A/18 Grant R4002 | Project Plan R3001 | Review Report R4001 Completion Report R4002 Open From Completion Report R4003 |

Hervey Range Road Blackhawk Boulevard to Bohle River 117/83A/18 Road Infrastructure Project Completion Report (R4002)

PROJECT DETAILS

| | | | |
|------------------|--|------------------|------------|
| Region | Northern | Local Government | Townsville |
| Road Name | Hervey Range Developmental Road (Townsville – Battery) | | |
| Location | Blackhawk Boulevard to Bohle River | | |
| Project Number | 117/83A/18 | | |
| Program | OSCR | | |
| Work Description | New construction to provide four lanes (divided) | | |

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QUESTIONS?

