

REQUEST FOR QUOTE – Magavalis Netball Court Geotechnical Investigation – Investigation to determine root cause for pavement defects and providing geotechnical report

RFQ # Q-2122-INF-40

Annexure 1

Section 1 Scope of Works

1.1 Overview of Project Objectives

BSC is starting the process to complete long term repairs to the Netball and Tennis facilities located at the Magavalis Sporting Complex. The objective of this stage of the work is to investigate what is currently causing the surface defects presenting on the Netball Courts' surface. Initial investigations are to be completed byways of geotechnical investigation to understand the current situation under the Netball Court playing surface that was completed in the mid to late 2000s.

1.2 Brief Description of the Works

- Complete core logs, test trenches, and other geotechnical testing as required.
- Provide site inspection plan, including proposed test sites.
- Provide Geotechnical report including, but not limited to, results for,
 - Gradings (PSD),
 - Adeberg Limits,
 - CBR for defined Layers,
 - Moisture Contents,
 - Linear Shrinkage,
 - Recommendations for other properties required to complete engineering designs for the rehabilitation/repair/reconstruction of the pavement.
- Backfilling of all test locations and reinstatement of the existing surface

1.3 Background

BSC has undertaken a number of surface rehabilitation projects which have continually failed prematurely which are potentially due to suspected defects in the underlying pavement materials.

BSC is now in the process of developing a plan to complete rehabilitation/reconstruction works that will address the underlying problem and enable a long term solution to the netball court and tennis court surfaces.

The Geotechnical investigation is to investigate what condition the underlying pavement is in and what can be done to repair these courts.

1.4 Performance Specifications

All works are to be completed as per relevant local, state and federal legislation.

1.5 Specification of Works to be carried out

As above.

1.6 Specification of Services to be performed

A suitably qualified RPEQ Geotechnical Engineer or suitable alternative must endorse and certify the investigation methodology and the delivered report.

1.7 Specification of Goods to be supplied

Geotechnical testing and a subsequent Geotechnical report.

1.8 Technical Requirements

All works are to be completed as per relevant local, state and federal legislation.

All works must be endorsed and certified by a suitably qualified RPEQ Geotechnical Engineer.

Provide results for

- Gradings (PSD),
- Adeberg Limits,
- CBR for defined Layers,
- Moisture Contents,
- Linear Shrinkage,
- Recommendations for other properties required to complete engineering designs for the rehabilitation/repair/reconstruction of the pavement.

1.9 Pricing/Fee Proposal

Bill of Quantities to be provided (with separate provisional items) and variation hourly rates.

1.10 Resources Supplied by Banana Shire Council

BSC can assist with meetings and stakeholder coordination.

1.11 Site Preparation

N/A

1.12 Deliverables

The final deliverable is a finalised Geotechnical report providing the existing make-up of the underlying materials to support the engineering design of the pavement rehabilitation/reconstruction works.

1.13 Site Possession Deliverables

Site-Specific Safety Management Plan

Associated SWMS and other WHS documents

Environmental Management Plan (EMP), including Noise and Dust pollution.

1.14 Defect Period/Warranty

N/A

1.15 Delivery Dates or Delivery Period

A geotechnical report is to be provided on 15 May 2022, unless negotiations with BSC Staff approve a later date.

1.16 Delivery Address or Work Location

Banana Shire Council email to:

Allan Heit (Manager Infrastructure Technology) - Allan.Heit@banana.qld.gov.au

Daniel Price (Senior Design Coordinator) - Daniel.Price@banana.qld.gov.au

Enquiries – enquiries@banana.qld.gov.au

1.17 Working Hours

8am to 5pm (Monday to Friday)

1.18 Key Personnel

The following Key Personnel are anticipated for delivery of the work/services (Provide additional where required).

Role	Name	Qualifications & Experience	Allocation to Project (FTE %)	Time on Site (% or hours)
RPEQ				
Site Supervisor				

1.19 Environmental Requirements

Must comply with relevant environmental acts whilst conducting works. EMP is to address environmental requirements.

1.20 Reporting Requirements

Throughout the completion of the works, the Contractor must provide written reports

1.20.1 Daily Reports

N/A

1.20.2 Weekly Reports

N/A

1.20.3 Fortnightly Reports

Fortnightly email progress report on individual tasks

1.20.4 Monthly Reports

Monthly email progress report on individual tasks

1.20.5 Other Reports

Ad hoc reporting (email) when advice is received

1.21 Site Meeting Requirements

Kick-off meeting – video conference or on-site, before task commencement

Ad hoc meetings - video conference or on-site, if required

1.22 Other Work

N/A

1.23 Post Completion Support

N/A

1.24 Attachments

The following attachments form part of the Scope of Works:

N/A

1.25 BSC Policies

The Contractor must comply with the following BSC Policies in the completion of the works:

- Code of Conduct;
- Drug and Alcohol Policy;
- Procurement Policy; and
- Work Health and Safety Policy.
- Complete copies of these policies are available to the public on the BSC website at the following address: <https://www.banana.qld.gov.au>

1.26 Standards

The Contractor must comply with the following standards in the completion of the works:

- Workplace Health and Safety Regulations 2011;
- This Specification;
- Council Policies (specific to the job); and
- Department of Resources SLAM regulations and guidelines.

Section 2 Work Health & Safety Requirements

2.1 Project Safety Management Plan

Yes – For site works to be carried out

2.2 BSC Inductions

Yes – Can be completed online