

Bridge Technical Support Program-Integrity Testing Pty Ltd

Introduction

Integrity Testing has investigated, load tested and provided repair advice, design and overall management advice for over 500 bridges including 200 overseas. This wealth of experience has enabled Integrity to offer its Bridge Technical Support Program to forward thinking and proactive councils.

The Bridge Technical Support Program provides a multiyear asset information, testing and advice service to support Council staff in providing the best possible asset management services in the most cost effective way.

The program includes several options so that no matter what the current condition of your assets and asset information the program can be configured to meet your needs.



Benefits

Benefits to Council include:-

- Known costs over multiple years.
- Access to specialist engineering personnel to supplement your own resources.
- Access to the most current technology and inspection practices.

Program Components

PHASE	Component	Description	Benefit
Scoping	Scoping	Initial assessment of current database, extent of existing information and program objectives.	Enables following phases to be tailored for the client
Start Up	Start up	Will depend on output of scoping but could include:- Creation or update of data base. Year 1 priorities etc	Provides a sound base for ongoing activities
Operation	Bridge Testing	accurate assessment of condition and current capacity together with possible repair strategies	Risk management Repair costing
	L 2.5 Bridge Inspection	Visual condition assessment of bridge plus pile tests where accessible	Provides rapid assessment of bridge condition where no current data exists. Enables prioritisation of testing
	Repair Specification	Creation of detailed repairs specs and BQ.s	Enables calling of competitive tenders or execution of work by bridge crew
	Tender Evaluation	Preparation of evaluation reports for decision by council.	Saves on limited resources
	Job Supervision	Supervision of execution by contractor or bridge crew	Ensures completion to specs. Possible skills transfer to bridge crew
	New structures	Design of new Bridge and related structures.	Access to practical designs at an affordable cost.
Reporting And Support	Advice line Service	Provide a fast response to questions related to engineering or technical issues.	“Instant” access to experienced engineers & technologists for fast unambiguous answers to questions.
	Reporting and Management	Yearly priority setting and progress reporting. monthly meetings	Program control Best practice sharing

Outputs, Service Levels and Fees

The program is configured to each clients needs in the scoping phase where components are selected to meet each specific requirement.

Outputs are defined by and measured against a service agreement which clearly defines the required deliverables.

For the majority of deliverables fees are at a set annual rate (determined in the scoping phase and invoiced quarterly) for the life of the contract giving a clearly defined cost for Council over multiple years.

Where fees are variable depending on the project (e.g. New Structures) a clear WBS plus subcomponent pricing is provided to enable Council to be assured of value.

In summary we offer a consistent multi-year program at an attractive fixed cost