

MRTS90

Modular Bridge Expansion Joints

Appendix C

The following should be included in the Annexure to the Conditions of Tendering, or the Information to be Submitted with Tenders, as appropriate.

Modular Bridge Expansion Joints (MBEJ)

The tender shall include, as a minimum –

- a) the name and contact details of the MBEJ System Manufacturer;
- b) the name, contact details and curriculum vitae of the MBEJ System Manufacturer's representative;
- c) the name, contact details and curriculum vitae of the MBEJ System Manufacturer's Joint Designer;
- d) the name and address of the proposed fabricator, together with documentation of past experience of the fabricator in complex heavy steel fabrication and pre-qualified weld procedures.
- e) names and details of bridges where joints of the offered MBEJ system type have been installed, together with the movement capability, installation date, and the name, telephone number and facsimile number of the maintaining authority for each bridge;
- f) noise test reports of the performance of the MBEJ system under traffic (where available);
- g) an experimental modal analysis study, in accordance with Appendix B to MRTs90 Modular Bridge Expansion Joints, conducted on a comparable size and type of dynamically similar MBEJ, or a written commitment that the study will be provided in accordance with the requirements of that standard;
- h) evidence of compliance with the fatigue test specification set out in Appendix B of NCHRP Report 402;
- i) results of NCHRP Report 467 testing (where available);
- j) a statement of where the proposed materials and fabrication do not comply with the requirements of MRTS90 Modular Bridge Expansion Joints, including the technical justification for the variations and a clause-by-clause comparison between the specified requirement and the proposed substitution; and
- k) all MBEJ drawings, complying with AS/NZS 1100.501 with dimensions in SI units, as both hard copies and in electronic format.

If so requested by the principal subsequent to the close of tenders, –

4 sets of any non-metallic components including –

- a) each type of elastomeric bearing; and
- b) each type of elastomeric spring,

proposed for use in the MBEJ, together with a description denoting the location where each bearing and spring is to be used and what pre-compression is applied to each bearing and spring shall be provided.