

IECA Australasia Review of the Best Practice Erosion Control Document **– Request for Quote**

Background and Intent

The Australasian Chapter of the International Erosion Control Association (IECA Australasia) is a not-for-profit industry body for individuals and companies who share an interest in controlling erosion and its by-product, sediment. IECA Australasia's 500 (approx.) members are primarily focused on erosion and sediment control, particularly on mining and construction projects. In 2008 IECA Australasia published the Best Practice Erosion Control (BPESC) document, commonly referred to as the "White Book".

The White book was originally published in 2008 since that time 2 updates have been made with the addition of appendix P and B. It is now time for a more general review of the whole document. This would allow the document to keep up to date with legislative updates and industry practice, technology and innovations particularly as we incorporate our industry into the circular economy.

IECA Australasia has secured funding from the Queensland Department of Environment Science and Innovation (DESI) to undertake this initial review.

The initial review aims to achieve the following:

1. General updates (all books)
 - a. Check formatting throughout. Bring all documents (books 1 to 3, factsheets and other resources), as a current word doc correctly formatted as will assist future revisions.
 - b. Include hyperlinks to relevant chapters, tables, factsheets, etc. Now that BPESC is available online this will make it much easier to navigate for unfamiliar users.
 - c. Update factsheets with better photos and graphics, this will make a big difference as currently they are outdated. Potential option to run a competition in the Chapter newsletter to source recent example photos which could be used
 - d. Update and include Catchment and Creeks latest rock sizing document
 - e. Ensure terminology used throughout is current and correct (i.e. update references to ARI to AEP, etc)
 - f. Recommend removal or simplification of various sections/chapters to make the document more concise and user friendly (while not diluting content).
2. Book 1
 - a. Chapter 4.4 – review erosion risk ratings based on current rainfall depth and intensity data (tables 4.4.4 to 4.4.6)
 - b. Chapter 4.4 – add more information regarding soil binders. Availability, use and reliance on these products is significantly greater than when BPESC was written
3. Book 2
 - a. Appendix B – review tables B5 & B6 to check rainfall intensities and rainfall depths reflect current published data (ARR has been updated since)

- b. Appendix E – review tables E1 & E2 to check published values reflect current published IFD data (ARR has been updated since).
- 4. Book 3
 - a. Appendix H – Update using more current drawings, checklists and audit sheets provided by HL&W. This chapter can be simplified significantly
 - b. Appendix P – review this chapter and link to the rest of BPESC. Currently just provides lots of general options but no clear process for users.
- 5. Converting installation guidelines and facts sheets into short multimedia videos- (We have been offered industry in kind support to assist with filming and editing)- note this may not fit into the current update timeframes but preparing and reviewing against item 1.1 above to prioritise what should just be a fact sheet update and what should have a video to accompany.
- 6. Provide a list of recommendations for future updates to the BPESC based on findings from this initial review

The tenderer must have suitable qualifications and demonstrated experience in:

- Using all aspects of the BPESC (i.e. intimate knowledge of the source material)
- Prior technical peer review of a similar industry standard document and/or development of a similar industry guideline

Referees must be provided that can verify:

- The applicants knowledge and prior involvement in undertaking the experience listed above

The referees cannot be from the same organisation or have a commercial arrangement with the person/organisation tendering.

The tenderer must have the following insurances in place:

- Public Liability (minimum \$10 million)
- Professional Indemnity (minimum \$1 million)
- Workers Compensation/WorkCover.

Deliverables / Milestones:

- Deliverables are outlined in the scope above including the online publishing of the updates.
- Process to be completed by end of calendar year, however with a stretch target of the IECA annual conference in October for us to update our members. Proposed timeframe as follows:
 - Closing date for tenders – 1 July 2024
 - Award of contract to successful tenderer – 15 July 2024
 - Draft deliverable for scope items 1 to 4 – 15 September 2024
 - Draft deliverable for scope items 5 & 6 – 7 October 2024
 - Final comments and feedback from IECA Australasia – 11 November 2024
 - Final deliverables – 29 November 2024
- Monthly updates to be provided to IECA Australasia.

- The funding and commercial aspects would be managed by Aust IECA and deliverables reported back to DESI upon completion of the scope.

Pricing

A high-level breakdown of fees against each scope item deliverable including estimated resources and time should also be provided.

The quote must include all expenses and must note any specific exclusions not covered. An hourly rate should be provided to cover any variations.

IECA Australasia does not make any undertaking that the successful tenderer for this initial review will be automatically assigned to future reviews.

The quote must include:

- Experience and qualifications of proposed reviewer.
- Experience and qualifications of reviewer with regard to erosion and sediment control in a construction environment and revegetation/rehabilitation.
- CV of the proposed reviewer.
- Examples of recent work completed.
- Insurance COCs.
- Contact details for referees.

Assessment of tenders:

The following weightings will be given to items listed below when the review committee assess each tender.

- Price - 40%
- Technical expertise - 25%
- Resource and Capacity - 15%
- Experience - 20%

Further Information

If additional information is required, questions can be directed to Sandra Lanz at the IECA Australasia office:

sandra@ieca.org or 02 4677 0901

Tender Submission

Tenders are to be submitted electronically in PDF or DOCX format to the IECA Australasia office on sandra@ieca.org.

Tenders must be submitted by Close of Business on Monday 1st July 2024.