

## Expression of Interest EOI 2022-23

### Part 1 - General Details

|   |   |                           |            |
|---|---|---------------------------|------------|
| <b>EOI ID</b>   | <b>2223EOI0331</b>  |                           |            |
| <b>EOI Title:</b><br>(max 80 char)  | <b>Irrigation CottonInfo Tech Lead</b>                                  |                           |            |
| <b>Type of Research</b>   | Capacity & Education  |                           |            |
| <b>Proposed Start Date:</b>   | 1/07/2022   | <b>Proposed End Date:</b> | 30/06/2025 |
| <i>Please refer to CRDC's Strategic R&amp;D Plan 2018-2023 for the following:</i> |   |                           |            |
| <b>CRDC Goal</b>  | 4. Strengthening partnerships and adoption (ES1)                        |                           |            |
| <b>CRDC Key Focus Area</b>  | 4.1 Partnerships and collaboration                                      |                           |            |
| <b>CRDC Outcome</b>   | 4.1.2 CottonInfo partnership is maintained and practice change improved |                           |            |
| <b>CRDC Performance Indicator</b>   | Positive input/output ratios resulting from adoption of new practices   |                           |            |
| <b>Rural RD&amp;E Priorities</b>  | Soil, Water and Managing Natural Resources                              |                           |            |
| <b>Science and Research Priorities</b>  | Soil and water  |                           |            |
| <b>R&amp;D Manager</b>  | Elsie Hudson  | <b>FRP Due Date</b>       | 13/10/2021 |

### Part 2 – Expression of Interest Requirements

|  |                |                |                |              |
|--|----------------|----------------|----------------|--------------|
| <b>Issue to be addressed and project description:</b>  |                |                |                |              |
| <p>CottonInfo is the industry's joint extension program, a partnership between industry bodies CRDC, Cotton Australia and CSD, designed to connect growers with research and help them achieve best practice. The CottonInfo tech leads provides the point of contact and in-depth analysis, information, and research for their specific field to the industry, for the benefit of all growers.</p> <p>Ongoing industry water productivity benchmarking is showing a continued improvement in the volume of water required to produce a bale of cotton, with the targeted annual 2.5 per cent reduction in the volume of water per bale being maintained. Supporting growers to adopt research and technology to improve water use efficiency is a core goal for both CRDC and CottonInfo. This project will deliver extension of water use efficiency irrigation research and best practice adoption for improved water use efficiency. This includes updating CottonInfo resources and myBMP, and working closely with related CRDC projects.</p> |                |                |                |              |
| <b>Expected project outputs and outcomes:</b>  |                |                |                |              |
| <ol style="list-style-type: none"> <li>1. This project will develop CottonInfo water use efficiency extension material and deliver extension activities.</li> <li>2. Extension of research and technology will support adoption of best practice for improved water use efficiency.</li> </ol>   |                |                |                |              |
| <b>Project Investment:</b>   |                |                |                |              |
| <b>Year</b>  | <b>2022-23</b> | <b>2023-24</b> | <b>2024-25</b> | <b>TOTAL</b> |
| Indicative budget (up to)  | \$50,000       | \$50,000       | \$50,000       | \$150,000    |

### **Part 3 – Selection Criteria**

The following selection criteria will be used by the CRDC to assess the full research proposals (FRPs) received for each Expression of Interest.

**1. The rationale of the project, how it will support CRDC’s Strategic Plan and the potential impacts for the Australian cotton industry and the Australian community.**

This criterion will be assessed on the soundness of the proposal’s understanding of the issues, and the extent to which the project outcomes will address the issues and support CRDC to achieve its measures of success.

**2. Project methodology.**

This criterion will be assessed on the soundness and clarity of the proposed R&D methods to achieve project deliverables and outcomes.

**3. The skills and capacity of the research team to undertake the project.**

This criterion will be assessed on the track record, technical knowledge and experience of all key personnel in the research area and the demonstrated capacity of the nominated researcher/s to provide project coordination, management, monitoring and evaluation for the timely delivery of high quality outputs.

**4. The proposed ‘Pathway to Impact’.**

This criterion will be assessed on the appropriateness of the proposed ‘Pathway to Impact’ and the demonstrated capacity of the project personnel to effectively translate research/project outcomes to on ground actions. Please include the target audience and process for extension/ communication/ commercialisation (as appropriate), as well as any collaboration partners and potential risks. Note that successful FRPs may be requested to develop specific milestones for delivery of project outcomes in collaboration with CottonInfo or CRDC Commercialisation Manager at the outset of the project.

**5. Proposed collaborations for the project and / or the collaborative networks of the project team.**

This criterion will be assessed on the demonstrated ability of the project personnel to form productive networks to build on national and international research already undertaken in related areas.

**6. How this project is cost effective for the Australian cotton industry, including details of the resources being brought to the project.**

(This criterion will be assessed on the cost effectiveness of this project including cash and in-kind commitments from the applicants and leverage through domestic or international linkages. Budget including descriptive text will also be assessed as part of this criterion. Max 2,000 character limit including spaces)

For information on how to apply, please refer to: [www.crdc.com.au/for-researchers](http://www.crdc.com.au/for-researchers)

This EOI is not a guarantee of funding.