Statement of Works

**Senior Scientist, Koala Science**

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| Cluster | Planning & Environment |
| **Agency** | NSW Department of Planning, Industry & Environment |
| **Division/Branch/Unit** | Environment Energy & Science / Science, Economics & Insights Division / Conservation & Restoration Science Branch / Koala Science Team |
| **Location** | Parramatta or other key SEI location |
| **Classification/Grade/Band** | EO9 |
| **Generic Role Title** | Senior Scientist |
| **Number of roles covered** | 1 |
| **Note:** This Statement of Work is an attachment to the generic role identified above and sets out the specific requirements for this role. |

Primary purpose of Koala Science role

Koala science priorities are to design and drive the strategic delivery of projects for koalas for DPIE, to help meet the goal of doubling the number of koalas in New South Wales by 2050. Key priorities for the Koala Science team include design and implementation of a baseline assessment of patterns of occurrence of Koalas in NSW; implementation and evaluation of the NSW Koala Monitoring Framework; and review and delivery of the Koala Research Plan.

Undertake the role description key accountabilities in the context of:

* Demonstrated experience in the design and implementation of rigorous terrestrial biodiversity surveys and monitoring projects.
* Demonstrated capabilities in analysis and modelling of complex ecological datasets, including occupancy modelling, species distribution and or population modelling.
* Proficient in managing complex ecological datasets.
* Provide expert scientific advice and support to the delivery of the NSW Koala strategy
* Support effective knowledge sharing within EES through open communication, collaboration, data and knowledge management in accordance with EES policies.
* Prepare a range of project related documents, including reports, research papers, and responses to information requests, develop and present scientific and technical presentations that explain complex processes clearly.

Key challenges for this role are:

* Managing expectations of internal and external stakeholders to deliver priority research needs for koala conservation and management.
* Management of field monitoring programs for koalas to deliver and communicate results over a short period of time.
* Willingness to undertake fieldwork in remote locations for up to 2 weeks at a time.