

AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE

**OFFICIAL ORDER UNDER
DEED OF STANDING OFFER**

SAP Code A201810-06

TRIM REFERENCE: D19-30548

IN RELATION TO HEALTH DATA ANALYSIS BETWEEN:

Australian Commission on Safety and Quality in Health Care (the Commission)
ABN: 97 250 687 371
of Level 5, 255 Elizabeth Street Sydney NSW 2000

and

Macquarie University (the Service Provider)
ABN: 90 952 801 237
of Level 6, 75 Talavera Road Macquarie University NSW 2109

Commission Liaison Officer: Suraj
Rasakulasingam
Telephone: 02 9126 3501
Email:
suraj.rasakulasingam@safetyandquality.gov.au

Contact person: A/Professor Ling Li
Telephone: 02 98502423
Email: ling.li@mq.edu.au

Summary description of services required:

Provision of an epidemiological interpretation
and data analysis on sepsis

\$51,336.00 (Cost) plus \$5,133.00 (GST) totalling \$56,469.60 TOTAL COST (GST Inc.)

Services to commence on:

On execution

Services to be completed by:

20 December 2019

Invoices are to be issued to the Agency Liaison Officer named above.

Any variation of this Official Order or any Contract is binding only if agreed in writing by both parties.

1. Context

This Official Order is placed pursuant to and subject to the terms and conditions of Deed of Standing Offer **A201810-04** between the Commission and Macquarie University dated 1 November 2018.

The Australian Commission on Safety and Quality in Health Care (the Commission) is undertaking a project which will aim to:

- determine the prevalence and death rates of sepsis
- investigate variation in incidence and mortality rates related to:
 - Patient and hospital stay characteristics
 - Socioeconomic status and remoteness

The data to be used in the analysis will include all patients admitted to all Australian hospitals from 2013-2018 and will be extracted using SAS from the Admitted Patient Care National Minimum Data Set (APC NMDS), specifically isolating the patients with a diagnosis of sepsis using ICD-10-AM codes. The classifications of sepsis will be scrutinised further as being primary or secondary, and severe (sepsis with vital organ dysfunction) or non-severe.

The report will assist the Commission in considering a way forward with our sepsis work.

2. Ordered Services

Macquarie University will be required to complete the following services:

1. **Data extraction, cleaning and manipulation -**
 - a. Extract data from the APCNMDS
 - b. identify sepsis cases based on different definitions using ICD-10-AM codes
2. **Data analysis** – taking into account the age-adjusted mortality rates, and the sepsis rates for all hospital admissions and for the Australian population. Patient demographic data, hospital stay information, type of wards, procedure codes, mode of separation and ICD-10-AM codes for organ dysfunction and other related comorbidities will also be utilised in the analysis. In addition, relative socio-economic status and remoteness will be examined.
3. **Draft Report** – providing epidemiological investigation and interpretation of variation in sepsis mortality and incidence rates, and will be provided to the Commission who will provide timely feedback for incorporation into the final report
4. **Final Report** – providing epidemiological investigation and interpretation of variation in sepsis mortality and incidence rates, in accordance with the Commission's style guide.
5. Meeting with the Commission as required.

The specified personnel from Macquarie University will be required to work on-site at the Commission to complete the data extraction, cleaning and manipulation and the data analysis. The specified personnel will be provided with a secured building pass to the Commission's premises, a desk and IT access.

In the event the Commission completes any or all of the data extraction, cleaning and manipulation deliverable, the fees relating to this service will be omitted or amended by the Macquarie University to correctly reflect actual work incurred.

3. Policies, Standards and Guidelines

The report will be written in compliance with the Commission's Style Guide.

4. Required Contract Material

The requirement under the contractual agreement will be the submission of the draft and final reports that will provide the epidemiological investigation and interpretation of the variation in sepsis mortality and incidence rates, and will include all findings from the literature review and summary.

5. Commencement and Time frame

Contract Commencement Date:

The contract will commence on execution of the Official Order.

Time frame:

The contract will conclude on 20 December 2019

The estimated due date of key deliverables is as follows:

Deliverable	Estimated due date
1. Data extraction, cleanse and manipulation	18 October 2019
2. Data analysis	25 October 2019
3. Draft report	31 October 2019
4. Final report	8 November 2019

6. Specified Personnel

The Service Provider agrees that the Services will be undertaken by:

- A/Professor Ling Li – Project Lead
- Dr Kasun Rathnayake
- Dr Neroli Sunderland
- Prof Johanna Westbrook

7. Fees, allowances & costs

Fees are as per Item 4 under Schedule 1 of the Deed of Standing Offer A201810-04.

An invoice must be submitted within 20 Business Days of completing the Ordered Services.

The total fee for the Service is \$56,469.60 (GST inclusive) payable by the following Instalments:

Pay.no.	Deliverable	Amount	GST	TOTAL
1	Data extraction, cleaning and manipulation	\$10,267.20	\$1,026.72	\$11,293.92
2	Data analysis and draft report	\$20,534.40	\$2,053.44	\$22,587.84
3	Final Report	\$20,534.40	\$2,053.44	\$22,587.84
	TOTAL	\$51,336.00	\$5,133.60	\$56,469.60

Total expenditure under this contract will not exceed \$56,469.60 inclusive of fees, charges, allowances, costs and GST.

8. Existing Material

Not applicable.

9. Commonwealth Material

All relevant material will be provided to the identified personnel as required.

The Service Provider must not make copies of the Commonwealth Material unless approved in writing by the Commonwealth in advance.

The Service Provider must return all Commonwealth Material following conclusion of this contract, and submit a written advice to the Project Officer that this has been undertaken.

10. Security and Privacy

The Service Provider must comply with the Protective Security Policy Framework (PSPF).

Issued for and on behalf of the Australian Commission on Safety and Quality in Health Care
by:

Chris Leahy
A/Chief Operating Officer
Australian Commission on Safety and Quality in Health Care

.....*Chris Leahy*.....
Signature

.....11/10/19.....
Date