


**This is a sub-plan to be used in conjunction with the
Environmental Management Plan**

**ElectraNet Project EnergyConnect SA to NSW Interconnector
330kV and 275kV Transmission Lines**

Customer: ElectraNet

Contract Number: EC 14171

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1 PURPOSE

This Sub-plan describes how Identified and culturally significant sites will be protected and managed throughout the duration of the project. Works will be implemented following the management measures and strategies contained in this sub-plan.

2 DOCUMENT SCOPE

There are three separate Traditional Owner groups impacted by the project, the scope of this sub-plan applies to all Downer workers for ElectraNet's Project EnergyConnect (SA PEC) on land within the River Murray Mallee Aboriginal Corporation (RMMAC) native title consent determination area. This sub-plan applies to all aspects of cultural heritage matters within the RMMAC native title consent determination area.

This sub-plan incorporates the requirements in ElectraNet's project relevant documents including Scope for Environmental Management Plan EC.14171 – Project EnergyConnect Major Works Contract – Design and Construct (July 2021); ElectraNet CE.14171 Cultural Heritage Management Plan, Safety and Sustainability Standards; and Engineering Contract Specifications.

Where additional management requirements are identified outside the scope of the Environmental Management Plan and this sub-plan specific environmental controls will be identified, and documentation/procedures updated.

3 ENVIRONMENTAL MANAGEMENT PLAN STRUCTURE

A series of environmental sub-plans, as referenced in the project's environmental management plan, aim to identify environmental risks and opportunities, and provide mitigation controls to manage those risks with an emphasis on the critical risks and controls.

As with the environmental management plan, sub-plans reference any IMS documents (including but not limited to, procedures, work instructions, and forms), customer specific requirements, and project specific documents required to execute the project.

Updates to sub-plans are subject to the document review and approval process detailed in the project's document control plan.

4 REFERENCED & ASSOCIATED DOCUMENTS

4.1 Legislation

The project will be undertaken in accordance with the relevant legislation with respect to protecting cultural heritage sites including *Aboriginal Heritage Act 1988 (SA)*, *Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cth)* and *Environment Protection and Biodiversity Conservation Act 1999 (Cth)*. This legislation contains provisions that outline requirements to protect culturally significant heritage sites from interference, damage or destruction.

The purpose of the *Aboriginal Heritage Act 1988 (SA)* is to provide for the protection and preservation of Aboriginal heritage within South Australia. In accordance with Section 3, an Aboriginal cultural heritage object is defined as an object that is of significance according to:

- a) Aboriginal tradition; or
- b) Aboriginal archaeology, anthropology or history.

An Aboriginal cultural heritage site is defined as an area of land that is of significance according to:

- a) Aboriginal tradition; or
- b) Aboriginal archaeology, anthropology or history.

Aboriginal tradition is defined as the traditions, observances, customs or beliefs of the people who inhabited Australia before European colonisation and includes traditions, observances, customs and beliefs that have evolved or developed from that tradition since European colonisation.

4.2 Downer Documents

DOWNER DOCUMENTS	
POLICIES	
<i>DG-ZHAN-PO200</i>	Environmental Sustainability Policy
PRINCIPLES	
<i>DG-ZH-PN002</i>	10 Environmental Principles
PROCEDURES	
<i>DG-QA-PR003</i>	Internal Audits Procedure
<i>DG-RM-PR003</i>	Project Risk and Opportunity Management
<i>DG-ZH-PR006</i>	Incident Management Procedure
<i>DG-ZH-PR007</i>	Zero Harm Performance Monitoring and Reporting Procedure
<i>DG-ZH-PR116.1</i>	Inspections Procedure
STANDARDS	
<i>DG-HR-ST013</i>	Training & Competency Management Standard
<i>DG-ZH-ST002</i>	Legislative and Other Requirements Standard
<i>DG-ZH-ST013</i>	Zero Harm Worker Consultation Standard
<i>DG-ZH-ST076</i>	Heritage Management
PROJECT SPECIFIC DOCUMENTS	
PLANS	
14171-DOW-PRM-PLN-0360	Project Management Plan
14171-DOW-PRM-PLN-0362	Quality Management Plan
14171-DOW-PRM-PLN-0388	Emergency Preparedness Management Plan
14171-DOW-PRM-PLN-0379	Environmental Management Plan
14171-DOW-PRM-PLN-0380	Waste Management Plan Sub-plan
14171-DOW-PRM-PLN-0381	Weed, Pest and Disease Management Sub-plan
14171-DOW-PRM-PLN-0552	Biodiversity and Rehabilitation Management Sub-plan
14171-DOW-PRM-PLN-0383	Landholder Liaison Sub-plan
14171-DOW-PRM-PLN-0384	Erosion, Sediment and Drainage Management Sub-plan
14171-DOW-PRM-PLN-0385	Waterway Management Sub-plan
14171-DOW-PRM-PLN-0387	Bush Fire Management Plan
14171-DOW-PRM-PLN-0361	Safety Management Plan

4.3 Approvals and Client Documents

PROJECT APPROVALS AND CLIENT DOCUMENTS	
DA	Provisional Development Authorisation (Government Gazette 6 January 2022)
SEMP	ElectraNet Scope for Environmental Management Plan (SEMP)
S&S	ElectraNet Safety and Sustainability Standards

REFERENCE PLANS AND REPORTS

5 DEFINITIONS

The following terms are used in this document.

CAZ Plans	Construction Activity Zones (CAZ) include all ground-disturbing activities, access routes and work areas associated with the project including: <ul style="list-style-type: none"> ▪ New tracks, pads and facilities ▪ Maintenance of existing access tracks including grading, widening or stabilisation ▪ Areas of disturbance associated with demolition works. These designated CAZ will be available as spatial data and/or PDF maps for all workers.
Downer Worker	All individuals working for Downer as employees, contingent labour-hire, contractors, subcontractors, apprentices, trainees, and work experience students.
EMP	Environmental Management Plan for the construction phase of this project
INX	The Zero Harm database used to record, investigate and follow-up events, including audits, hazards, incidents, inspections, meetings, observations, risk assessments, reviews, and suggestions.
Land Access Permit (LAP)	Permit provided by ElectraNet to Downer to authorise the commencement of work on a property.
RMMAC	River Murray Mallee Aboriginal Corporation – Native Title body for the First Peoples of the River Murray and Mallee
AHAA	Aboriginal Heritage Avoidance Areas is the terminology used by RMACC for cultural heritage sites
HCZ	Heritage Constraint Zones
CHO	Cultural Heritage Officer

6 CULTURAL HERITAGE SITES AND AREAS

The Project involves the construction of the South Australian portion (Robertstown to SA / NSW border) of the interconnector transmission line. It comprises of:

- approximately 12 km of 275kV transmission line supported by steel towers from the existing Robertstown substation to a proposed new substation located towards the western extent of the transmission line at Bunday, near Robertstown
- approximately 185 km of 330kV transmission line supported by steel towers from the new Bunday substation to the SA / NSW border
- associated access tracks
- associated temporary facilities (i.e. temporary construction compounds, site offices, laydown areas and mobile construction camps)

Cultural Heritage surveys have been conducted along the entire route and have identified sites of Aboriginal cultural heritage significance and the alignment has consequently been altered to avoid and limit impact.

There are three traditional owners of the land in the region of the project. They include:

- First Peoples of the River Murray and Mallee (River Murray and Mallee Aboriginal Corporation)
- First Peoples of the River Murray and Mallee (as native title claimants #2) •
- Ngadjuri Nation #2

This plan will detail requirements associated with land within the RMMAC native title consent determination area.

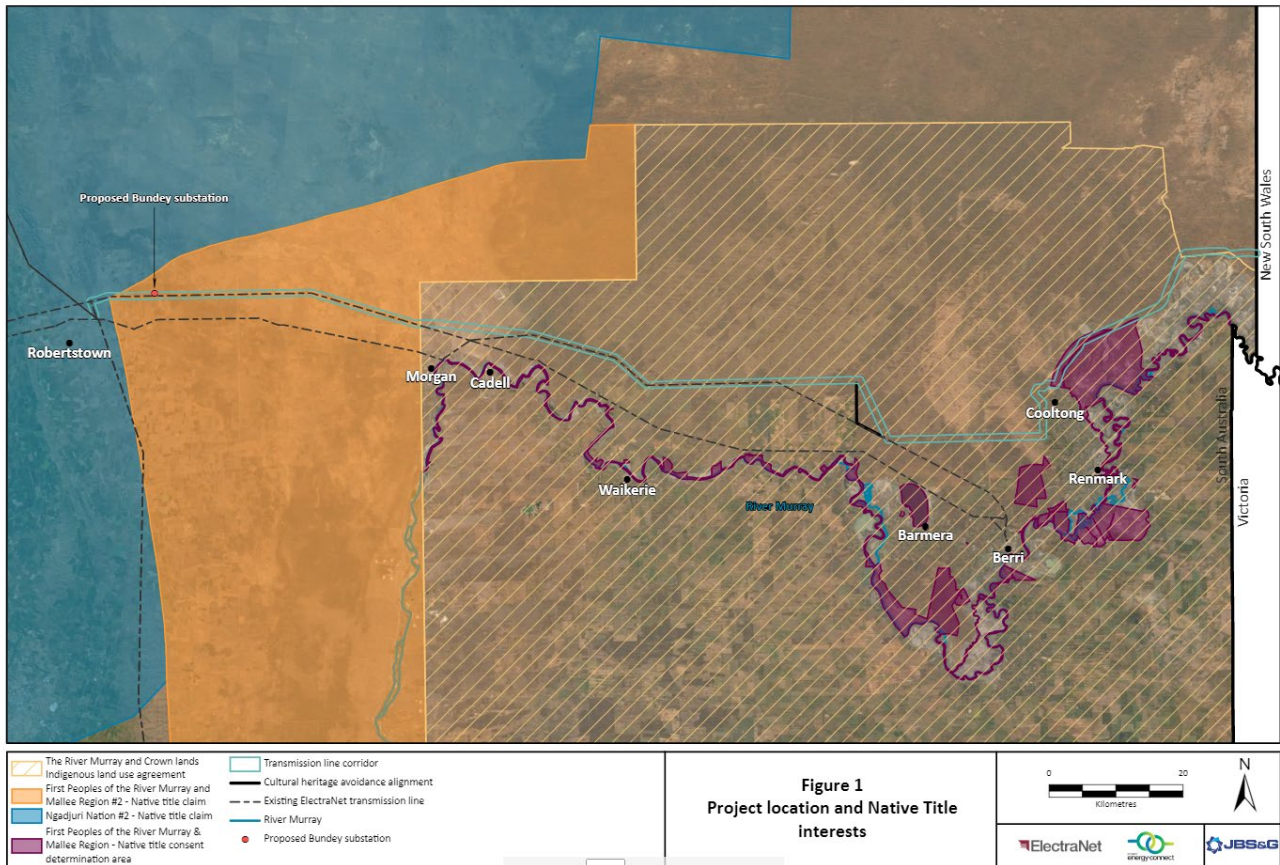


Figure 1. Project Location and Native Title Interests

7 CONSTRUCTION IMPACTS

When undertaking work on behalf of ElectraNet, all Downer personnel and contractors need to understand their responsibility and commitment to protecting sites of cultural significance and minimising impacts on cultural heritage values.

The construction of the transmission line is anticipated to be undertaken using a combination of traditional on-ground methods and potentially air-based methods (ie. utilisation of helicopters in more environmentally sensitive areas).

Construction Activities will include but not limited to:

- new access tracks
- Grading, stabilisation, widening, capping and vegetation trimming of existing tracks (to a max of 5m wide)
- laydowns
- camps and compounds
- structure Pads
- drilling and concrete foundations
- tower erection
- stringing access corridor

- ground stringing
- low impact stringing
- rehabilitation works

8 CULTURAL AWARENESS TRAINING AND INDUCTION

Downer recognises the importance of employee training and induction, and the critical role it plays in supporting the safe and environmentally responsible conduct of project operations. All personnel must be fully informed of their specific obligations and are suitably trained and competent to undertake works in accordance with ElectraNet and Downer requirements.

The overall project induction will include Downers online Cultural Awareness Training to assist in the development of Cultural Competency further highlighting key cultural heritage requirements. This must be completed by all Downer staff, sub-contractors and visitors. All personnel will be informed of their obligations under the relevant provisions of the *Aboriginal Heritage Act 1988* (SA), Native Title Agreements and management measures in accordance with this Sub-plan through the Project Induction.

In addition, specific Cultural Awareness Training will be undertaken separately for work in each of the three Traditional Owner Groups along the easement.

8.1 RMMAC Cultural Awareness Training

All site-based construction personal will undertake a Cultural Heritage Induction in a format developed by the First Peoples of the River Murray and Mallee.

Prior to the commencement of ground disturbance works in the RMMAC Native Title Determination Area. A Cultural Heritage induction, upto 3 hours in duration is to be delivered by the Traditional Owner CHC, CHO or delegate to all site-based personnel. This induction will include a 'refresher' version to be undertaken by all personnel every 6 months during construction activities and by any day visitors. Again, these may be delivered by each of the three Traditional Owner groups, depending on the contractor's schedule.

Senior Downer and ElectraNet personnel will undertake a 1 day cultural heritage induction before the commencement of ground disturbance works in RMACC Native Title Determination Area delivered by the Traditional Owner CHC, CHO or delegate.

All construction personnel will be provided with a booklet summarising the main points of the heritage inundation and basic information on the identification of heritage materials.

9 RISK ASSESSMENT AND CONTROL

The following mitigation and control strategies will be undertaken to mitigate potential impacts on cultural heritage sites and areas.

9.1 Known Cultural Heritage Sites and Areas

During planning for the project, known cultural heritage sites and areas have been identified by ElectraNet through searches of public databases as well as field and clearance surveys. The works have been planned to prevent disturbance of these known cultural heritage sites and areas.

To prevent potential impacts of the construction works on these known cultural heritage sites and areas the following will be implemented:

- ElectraNet Land Access Permit
- Establishment of No-Go Zones
- Establishment of Constraint Zones

These mitigation and management measures are detailed below.

9.1.1 Land Access Permit

Ground disturbance works for the project will include clearing, grubbing or excavation activities. Before the commencement of any ground disturbance work, Downer will apply for a Land Access Permit (LAP) to ElectraNet. The LAP will include specific details of the ground disturbance works and mapping of the disturbance locations. The LAP will also clearly indicate the cultural heritage requirements for the works.

Ground disturbance works will only be undertaken following the receipt of a LAP issued by ElectraNet. All ground disturbance works will be undertaken in accordance with the LAP issued by ElectraNet.

9.2 Cultural Heritage Sites (No-Go Zones)

The location of all Aboriginal Heritage Avoidance Areas (AHAAs), Cultural Heritage Sites and Isolated Artefacts is included in project GIS mapping. All sites include a buffer that provides additional protection to the site. No additional buffer is required.

Downer shall consider all AHAAs, Cultural Heritage sites and Isolated Artefacts as No Go Zones. During design, ground disturbing activities have been routed to avoid impact to No Go Zones.

No entry or ground disturbance by person, machinery or light vehicle is permitted within no go zones, except where there is an existing established track through the site. Where an existing established track exists, the track may be used to travel through the site. The track can be graded and stabilized but not widened. Vegetation can be trimmed to the edge of the existing track.

Downer shall comply with the following:

- the location of No Go Zones will be routinely communicated to construction personnel at toolbox meetings and during other communication as required
- no personnel will be allowed within a No Go Zone unless authorized by a Traditional Owner CHO or CH
- any modification to management buffers based on existing access and other considerations must be sanctioned by the Traditional Owner CHC
- comply with any additional AHAA specific protection measures installed before or maintained during construction activities
- the Traditional Owner CHC will provide sign-off to construction permitting once all heritage protection measures are installed to their satisfaction
- the efficacy of site protection measures and the CHMP will be routinely assessed and adjustments made where necessary
- road or track used is restricted to existing alignments wherever possible.

Downer shall implement the following:

- no infrastructure shall be located in No Go Zones
- All Cultural Heritage No-Go Zones will be flagged off and signage installed
- no land disturbance or vegetation clearance is permitted in No Go Zones
- no entry is permitted within No Go Zones (including for stringing) unless specifically authorized by the relevant Traditional Owners CHC or CHO
- stringing over No Go Zones shall be undertaken by hand (e.g. Walked through) or by aerial means
- no entry into these sites
- all works shall be monitored by the Traditional Owner CHO
- appendix A lists the detailed restriction to be adhered to.

9.3 Heritage Constraint Zones

Heritage Constraint Zones (HCZ's) are sections within the RMACC Native Title boundaries where the construction activities are to be constrained to reduce the risk to recorded and potentially sub-surface

(unrecorded) heritage. To minimize the risk of disturbing undocumented heritage, modified work methods will be implemented in Heritage Constraint Zones.

The following controls shall be implemented in HCZs:

- Structure pad sizes to be kept to the minimum pas size in Heritage Constraint Zones as per the following table:

Structure Type	Description	Area
Angle/Strain	Maximum	3025m ²
	Reduced	2025m ²
	Minimum	980m ²
Suspension	Maximum	2500m ²
	Reduced	1600m ²
	Minimum	900m ²

- conduct excavations at a pace that allows monitors to adequately assess the spoil and exposed pathways
- restrict vegetation clearance in areas of culturally modified trees
- use existing access tracks/roads and spurs wherever possible. Where existing tracks about or intersect constraint zones, tracks cannot be widened without specific mitigation plans
- minimise new access tracks
- new tracks shall be no wider than 5m
- in Aerial stringing areas:
 - walking or aerial stringing of draw wires and conductors
 - no new stringing tracks permitted
- in Conventional Stringing Areas:
 - walking stringing of conductors, Consideration should be given to aerial stringing where ground clearing is to be kept to a minimum
 - if a new access track is required, it is to be used as the stringing track as well

Appendix B lists design and construction requirements for HCZ's.

9.4 Cultural Heritage Monitoring

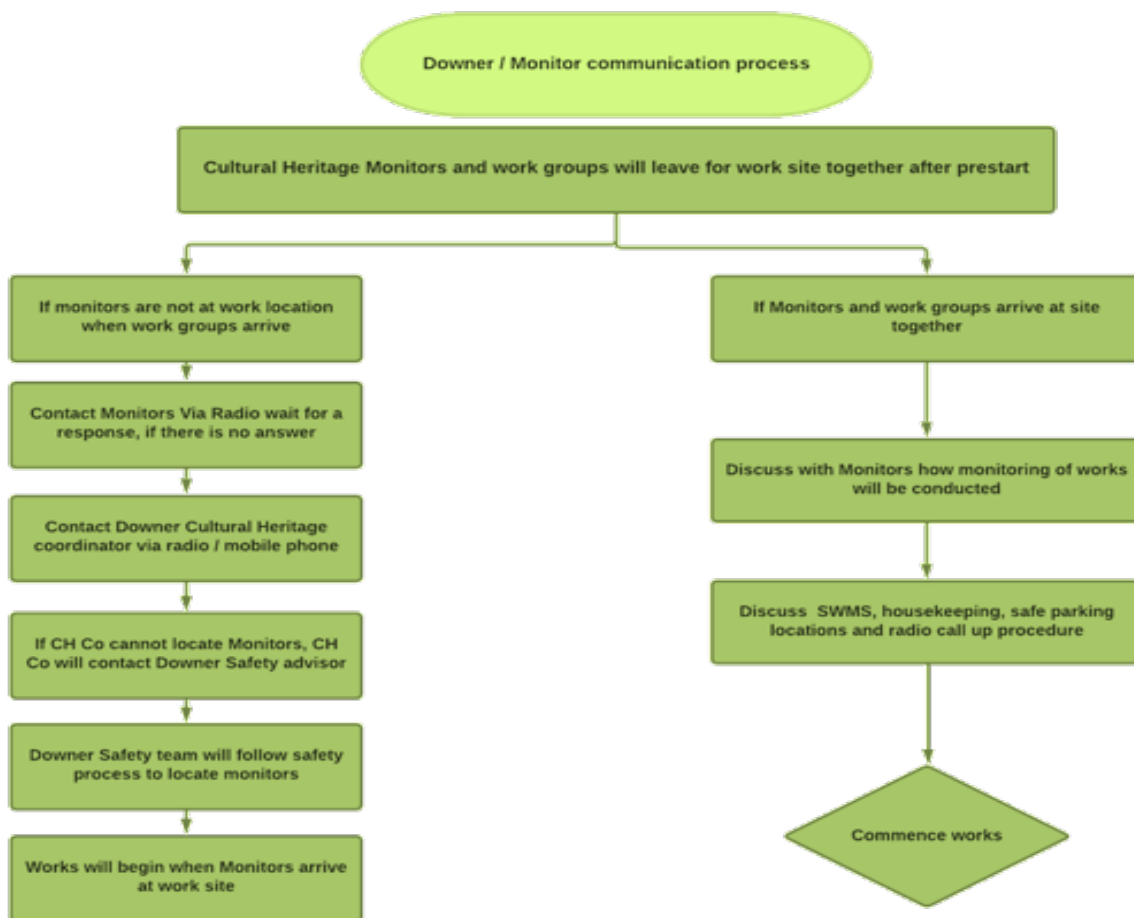
Cultural Heritage Monitoring of ground disturbance works (clearing, grubbing or excavation activities) shall be undertaken within Heritage Monitoring Zones in the RMMAC Native title boundary.

The project shall utilize two cultural heritage monitors for each work front. Monitors must be on site for all monitoring activities in the monitoring zones.

Requirements include:

- RMMAC CHO's will oversee ground disturbance activities
- ground disturbance activities will proceed at a pace that allows CHO's to adequately assess spoil and exposed soil profiles
- clear communication shall be maintained between the CHO and construction personnel. The use of two-way radios will be assessed on a case by case basis
- as per the Site Discovery Protocol, the CHO will provide initial advice to construction personnel and site supervisor if potential Aboriginal heritage material is discovered and will initiate communication with the RMMAC Cultural Heritage Consultant if required. Instruction provided by the CHO to the construction personnel must be followed

- monitoring reporting sheets will document compliance and other aspects of heritage management will be appended to the Monitoring Report
- construction personnel must follow any reasonable requests made by the CHO to halt work
- CHO may determine if monitoring is no longer required based on the activities or the sediments being excavated/disturbed and will communicate this to the Site Supervisor. CHO must document this on the daily attendance sheet the time and reason why monitoring was suspended
- CHO will observe all OHS requirements relevant to the monitoring location



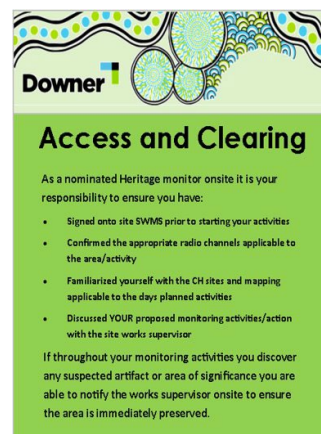
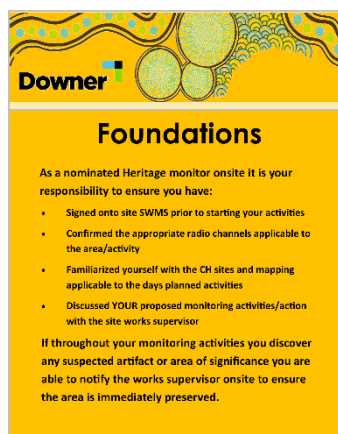
9.4.1 Coordination of Cultural Heritage Monitoring

Downer shall be responsible for coordinating Cultural Heritage Monitoring on the project.

Requirements include:

- a monthly monitoring notice is to be issued to ElectraNet at least 30 business days in advance of the monitoring requirements including the details of construction works requiring monitoring and the proposed dates on which the works will be undertaken
- ElectraNet will be provided further notice of the actual date(s) on which Construction Works requiring monitoring will be undertaken in any nominated areas not less than 10 business days before such dates.
- RMMAC representative must notify Downer within 7 days of receiving the initial notice of the identity and contact details of its monitors and specialist for each nominated area in which Downer has given notice that it intends to undertake construction works requiring monitoring.
- Cultural Heritage monitors must be fully inducted into the project

- Downer to coordinate Aboriginal Cultural Monitors to ensure that they are present during the works to account for any cultural materials uncovered.
- Downer shall undertake record-keeping of Cultural Heritage Monitor attendance at the site and provide a copy of this record to ElectraNet with the monthly payment claim
- Downer shall ensure that all personnel are fully informed of and aware of all heritage survey information relevant to the Cultural Heritage Areas, the site and the performance of the work
- all site-based personnel will undergo Aboriginal Cultural Awareness Training in the form approved by ElectraNet before commencing works on site
- the right of monitors and a specialist to attend at any nominated areas where construction works requiring monitoring are carried out is subject to him or her complying with reasonable directions of the Downer Site Supervisor, including WHS, environment and welfare including undertaking a site induction before commencing monitoring.
- ElectraNet (through SA Native Title Services) shall ensure that monitors have Construction White Card Training and ElectraNet Transmission Asset Access Manual training (including first aid and CPR), appropriate PPE and a Site Vehicle.
- provided Downer has given RMMAC the required notice where required to do so, Downer is entitled to undertake the relevant construction work in the relevant Nominated area where any monitor and/or specialist
 - fails to attend at that nominated area
 - having attended at that nominated area fails to remain in attendance during the carrying out of those construction works
 - monitors will be given three cards relating to the allocated task, supervisors will be given corresponding cards (in the same colour)
 - these cards encourage Monitors and Downer staff to openly discuss monitoring requirements prior to works commencing further empowering the Monitors to ensure construction work is carried out in line with Cultural Heritage Management plan.
 - task cards and the Cultural Heritage information sheet will also provide Downer staff the information required to work within the guidelines of the CHMP



9.5 Physical Demarcation of Heritage Sites

Protection Barriers will be installed, maintained and removed by Downer with RMMAC Cultural Heritage Officers supervision unless where others are authorized by RMMAC CHO or the Cultural Heritage Coordinator.

Any request to alter the placement of protection barriers must be authorized by RMMAC Cultural Heritage Coordinator.

No-Go Zones will be delineated with green bunting and signage (“Protected area – Keep Out” or similar). Signage shall not identify sites as being cultural heritage sites to maintain confidentiality.

10 EMERGENCY / INCIDENT MANAGEMENT

10.1 Incident Response

Every effort will be made to ensure compliance with the CHMP. However, if accidental, unplanned or unintentional impacts occur to cultural heritage sites during construction, the following procedures will be followed

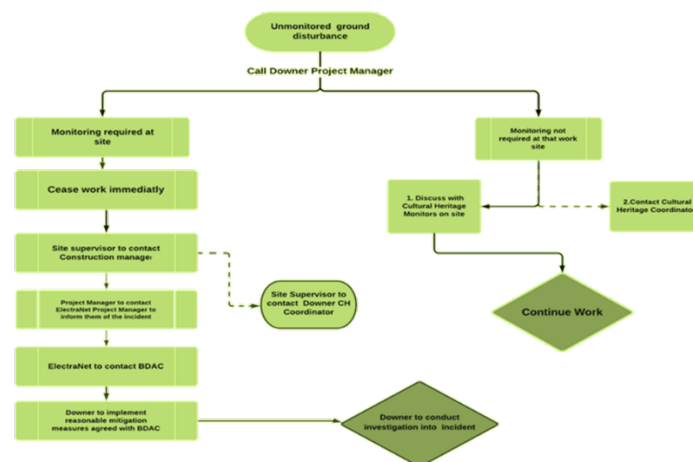
10.1.1 Ground Disturbing Works undertaken without Cultural Heritage Monitors Requested

In the event ground-disturbing works commence that do not comply with the monitoring requirements without authorisation:

1. Works will cease immediately within 50m of the incident
2. Site personal will immediately inform the Downer Site Supervisor
3. Downer shall inform ElectraNet Project Manager and ElectraNet Field Cultural Heritage Advisor within 1hour of it occurring
4. ElectraNet shall advise the RMMAC group within 24hours to advise of the incident
5. Downer shall implement all reasonable mitigation measures agreed with RMMAC
6. Works shall not recommence until approved by ElectraNet

10.1.2 Incident recording

The incident will be recorded in ElectraNet’s Incident Management System and an investigation and report prepared, including actions to ensure future events are prevented



10.1.3 Construction outside of Surveyed Areas

In the event that works are undertaken outside of locations that have been subject to survey by the RMMAC without authorization:

1. Works will cease immediately within 50m of the incident
2. Site personal will immediately inform the Downer Site Supervisor
3. Downer shall inform ElectraNet Project Manager and ElectraNet Field Cultural Heritage Advisor within 1hour of it occurring

4. ElectraNet shall advise the RMMAC group within 24hours to advise of the incident
5. Downer shall implement all reasonable mitigation measures agreed with RMMAC
6. Works shall not recommence until approved by ElectraNet
7. The incident will be recorded in ElectraNet's Incident Management System and an investigation and report prepared, including actions to ensure future events are prevented

10.1.4 Driving through Cultural Heritage Sites

In the event that a project employee enters a Cultural Heritage site with a vehicle without authorization by ElectraNet:

1. Works will cease immediately within 50m of the incident
2. Site personal will immediately inform the Downer Site Supervisor
3. Downer shall inform ElectraNet Project Manager and ElectraNet Field Cultural Heritage Advisor within 1hour of it occurring
4. ElectraNet shall advise the RMMAC group within 24hours to advise of the incident
5. The heritage consultant, in consultation with the Traditional Owner group, shall assess the impact and recommend appropriate mitigation measures
6. Downer shall implement reasonable heritage mitigation measures that are recommended by the heritage consultant and agreed with RMMAC and in accordance with the *Aboriginal Heritage Act 1988*
7. Works shall not recommence until approved by ElectraNet
8. The incident will be recorded in ElectraNet's Incident Management System and an investigation and report prepared, including actions to ensure future events are prevented

10.1.5 Ground Disturbance in Cultural Heritage Sites

1. Works will cease immediately within 50m of the incident
2. Site personal will immediately inform the Downer Site Supervisor
3. Downer shall inform ElectraNet Project Manager and ElectraNet Field Cultural Heritage Advisor within 1hour of it occurring
4. ElectraNet shall advise the RMMAC group within 24hours to advise of the incident
5. ElectraNet shall contact DPC-AAR within 24hours to notify them of the impact
6. The heritage consultant, in consultation with RMMAC, shall assess the impact and recommend appropriate mitigation measures
7. Downer shall implement reasonable heritage mitigation measures that are recommended by the heritage consultant and agreed with RMMAC and in accordance with the *Aboriginal Heritage Act 1988*
8. If an additional investigation or remediation is recommended, ElectraNet shall arrange for RMMAC and the heritage consultant to undertake those works
9. Works shall not recommence until approved by ElectraNet
10. The incident will be recorded in ElectraNet's Incident Management System and an investigation and report prepared, including actions to ensure future events are prevented

10.2 Aboriginal Heritage Site Discovery Protocol (SDP)

If at any time during Construction Works a site, object or remains are suspected may be an Aboriginal site, object or remains, Downer, shall comply with the Aboriginal Heritage Site Discovery Protocol.

The Protocol will be included in site inductions, toolboxes and routine communications.

10.2.1 Non-Skeletal Finds

The following incident management process is to be followed for non-skeletal objects:

1. Promptly report the location of that site, object or those remains to the Traditional Owners
2. Work shall stop immediately, machinery moved away, and the discovery cordoned off with a high visibility barrier
3. Site personnel shall inform the supervisor immediately
4. Work shall cease within a 50m buffer around the discovery
5. Site personnel shall leave the discovered item in situ and not touch, damage, disturb, interfere with or remove it
6. Downer shall inform the ElectraNet Project Manager and ElectraNet Cultural Heritage Advisor within 1 hour of the discovery (concurrently with implementing the site protection measures)
7. ElectraNet shall advise the RMMAC and the nominated Heritage Consultant within 24 hours to review the discovery
8. ElectraNet shall contact DPC-AAR within 24 hours to notify them of the discovery and the management actions in place
9. The heritage consultant, in consultation with RMMAC, shall access the object(s) and recommend appropriate mitigation measures
10. ElectraNet shall implement reasonable heritage mitigation measures that are recommended by the heritage consultant and agreed with RMMAC and in accordance with the Aboriginal Heritage Act 1988
11. If an additional investigation or remediation is recommended, ElectraNet shall arrange for RMMAC and the heritage consultant to undertake those works
12. Works shall not recommence until approved by ElectraNet
13. ElectraNet will seek advice from RMMAC as to whether they want the object recorded with DPC-AAR

10.2.2 Skeletal Finds

1. Promptly report the location of that site, object or those remains to the Traditional Owners
2. Work shall stop immediately, machinery moved away, and the discovery cordoned off with a high visibility barrier
3. Site personnel shall inform the supervisor immediately
4. Work shall cease within a 50m buffer around the discovery
5. Site personnel shall leave the discovered item in situ and not touch, damage, disturb, interfere with or remove it
6. Downer shall inform the ElectraNet Project Manager and ElectraNets Cultral Heritage Advisor within 1 hour of the discovery (concurrently with implementing the site protection measures)
7. ElectraNet shall advise the RMMAC and the nominated Heritage Consultant within 24 hours to review the discovery
8. ElectraNet shall contact DPC-AAR within 24 hours to notify them of the discovery and the management actions in place
9. The heritage consultant, in consultation with RMMAC, shall access whether the remains are human or animal
10. If the remains are determined to be human, the SA Police shall be notified. SA Police may wait for confirmation from the heritage consultant regarding the age of the remains or may choose to establish a crime scene
11. If remains are determined to be ancestral Aboriginal remains, advice will be sought from RMMAC and the heritage consultant regarding management measures

12. ElectraNet shall implement reasonable heritage mitigation measures that are recommended by the heritage consultant and agreed by RMMAC in accordance with the Aboriginal Heritage Act 1988
13. Work shall be redesigned to avoid the remains where possible
14. Work shall not recommence at the discovery location until notice is provided by ElectraNet authorizing Downer to recommence work. ElectraNet shall not provide clearance to recommence work until authorization has been received by SA Police and RMMAC

10.3 Salvage, Relocation and Storage

If RMMAC chose to salvage, store and/or relocate any cultural heritage materials, they will remain in the custody of RMMAC or/the heritage consultant engaged to conduct management activities. Downer shall provide a safe and secure location for the temporary storage of cultural heritage materials if requested.

RMMAC will be provided with the opportunity to conduct any ceremonies or cultural acknowledgement as deemed appropriate.

10.4 Review and Audit

This CHMP sub-plan shall be reviewed a minimum of annually during the construction phase of the Project. The review will be undertaken in consultation with RMMAC where required and any other relevant stakeholders.

Any part of the process of the CHMP sub-plan may be reviewed at any time at the request of ElectraNet Traditional Owners or another affected party.

An audit of all AHAA by RMMAC will be conducted following the practical completion of the project to confirm compliance.

APPENDIX A – RMMAC DETAILED RESTRICTION TABLE

CULTURAL HERITAGE MANAGEMENT PLAN
EC.14171 Project EnergyConnect



RMMAC			
AHAA Name	Design & work methods	Pre-construction recommendations	Site protection measures
PEC_IHS_01	<ul style="list-style-type: none"> Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options 	<ul style="list-style-type: none"> AHAA boundary to be physically delineated prior to construction 	<ul style="list-style-type: none"> All works within HMZ-A36 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_02	<ul style="list-style-type: none"> Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options 	<ul style="list-style-type: none"> AHAA boundary to be physically delineated prior to construction 	<ul style="list-style-type: none"> All works within HMZ-A36 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_03	<ul style="list-style-type: none"> Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options 	<ul style="list-style-type: none"> AHAA boundary to be physically delineated prior to construction 	<ul style="list-style-type: none"> All works within HMZ-A36 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_04	<ul style="list-style-type: none"> Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options 	<ul style="list-style-type: none"> AHAA boundary to be physically delineated prior to construction 	<ul style="list-style-type: none"> All works within HMZ-A36 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_05	<ul style="list-style-type: none"> Avoid AHAA in the construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options 	<ul style="list-style-type: none"> AHAA boundary to be physically delineated prior to construction 	<ul style="list-style-type: none"> All works within HMZ-A36 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_06	<ul style="list-style-type: none"> Avoid AHAA in the construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options 	<ul style="list-style-type: none"> AHAA boundary to be physically delineated prior to construction 	<ul style="list-style-type: none"> All works within HMZ-A36 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_07	<ul style="list-style-type: none"> Avoid AHAA in the construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options 	<ul style="list-style-type: none"> AHAA boundary to be physically delineated prior to construction 	<ul style="list-style-type: none"> All works within HMZ-A36 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_08	<ul style="list-style-type: none"> Avoid AHAA in the 	<ul style="list-style-type: none"> AHAA boundary to be 	<ul style="list-style-type: none"> All works within HMZ-

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RMACC			
AHAA Name	Design & work methods	Pre-construction recommendations	Site protection measures
	<ul style="list-style-type: none"> construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options 	physically delineated prior to construction	A38 are to be monitored by RMMAC CHO <ul style="list-style-type: none"> No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_09	<ul style="list-style-type: none"> Avoid AHAA in the construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options 	<ul style="list-style-type: none"> AHAA boundary to be physically delineated prior to construction 	<ul style="list-style-type: none"> All works within HMZ-A38 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_10	Avoid AHAA in the construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A38 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_11	Avoid AHAA in the construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A38 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_12	Avoid AHAA in the construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A38 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_13	Avoid AHAA in the construction footprint Utilise existing access (Wentworth Rd) Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A38 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_14	Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A38 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_15	n/a	n/a	n/a

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RMACC			
AHAA Name	Design & work methods	Pre-construction recommendations	Site protection measures
PEC_IHS_16	Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A37 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_17	Avoid AHAA in the construction footprint Utilise existing access Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction Constrain vehicles to existing access by fencing northern side of track	All works within HMZ-A32 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_18	Consider alternate corridor alignment following Hawk's Nest boundary Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A28 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_19	Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A37 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_20	Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A37 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_21	Avoid AHAA in the construction footprint Maximise conductor height over AHAA through appropriate tower placement Avoid impacting AHAA through stringing options Exclude the AHAA from tree pruning	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A19 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO No tree pruning within AHAA
PEC_IHS_22	Avoid AHAA in the construction footprint Maximise conductor height over AHAA through appropriate tower placement	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A14 are to be monitored by RMMAC CHO No entry into AHAA boundary

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RMACC			
AHAA Name	Design & work methods	Pre-construction recommendations	Site protection measures
	Avoid impacting AHAA through stringing options Exclude the AHAA from tree pruning		unless authorised by RMMAC CHC or CHO No tree pruning within AHAA
PEC_IHS_23	Avoid AHAA in the construction footprint Avoid impacting AHAA through stringing options	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A14 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_24	Avoid AHAA in the construction footprint Utilise existing access Avoid impacting AHAA through stringing	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A01 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_25	Avoid AHAA in the construction footprint Utilise existing access Avoid impacting AHAA through stringing	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A01 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_26	Avoid AHAA in the construction footprint Utilise existing access Avoid impacting AHAA through stringing	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A02 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO
PEC_IHS_27	Avoid AHAA in the construction footprint Maximise conductor height over AHAA through appropriate tower placement Avoid impacting AHAA through stringing options Exclude the AHAA from tree pruning	AHAA boundary to be physically delineated prior to construction	All works within HMZ-A14 are to be monitored by RMMAC CHO No entry into AHAA boundary unless authorised by RMMAC CHC or CHO No tree pruning within AHAA

APPENDIX B – HCZ REQUIREMENTS

RMACC	
Zone ID	Contractor Requirement
HCZ-A01	A) Tower pads and all other ground disturbance to be reduced to minimum requirement; B) utilise existing access; C) aerial or pedestrian stringing options
HCZ-A02	A) Tower pads and all other ground disturbance to be reduced to minimum requirement; B) utilise existing access; C) aerial or pedestrian stringing options
HCZ-A03	A) Tower pads and all other ground disturbance to be reduced to minimum requirement
HCZ-A04	A) Tower pads and all other ground disturbance to be reduced to minimum requirement
HCZ-A05	A) Tree pruning or clearance must exclude NO GO zone PEC_IHS_22
HCZ-A06	A) Tree pruning or clearance must exclude NO GO zone PEC_IHS_21
HCZ-A07	A) Tower pads and all other ground disturbance to be reduced to minimum requirement; B) aerial or pedestrian stringing options
HCZ-A08	A) Tree pruning or clearance must exclude NO GO zone PEC_IHS_27
HCZ-A09	A) No widening of existing track; B) northern side of track to be fenced; C) aerial or pedestrian stringing options
HCZ-A10	A) Tower pads and all other ground disturbance to be reduced to minimum requirement; B) utilise existing access where available; C) minimise new access; D) aerial or pedestrian stringing options
HCZ-A11	A) Tower pads and all other ground disturbance to be reduced to minimum requirement; B) utilise existing access where available
HCZ-A12	A) Tower pads and all other ground disturbance to be reduced to minimum requirement
HCZ-A13	A) Tower pads and all other ground disturbance to be reduced to minimum requirement; B) utilise existing access where available; C) minimise new access; D) aerial or pedestrian stringing options
HCZ-A14	A) Tower pads and all other ground disturbance to be reduced to minimum requirement; B) utilise existing access where available; C) minimise new access; D) aerial or pedestrian stringing options

APPENDIX C – ABORIGINAL HERITAGE SITE DISCOVERY PROTOCOL

If at any time during Construction Works a site, object or remains are suspected may be an Aboriginal site, object or remains, Downer, shall comply with the Aboriginal Heritage Site Discovery Protocol.

The Protocol will be included in site inductions, toolboxes and routine communications.

Non-Skeletal Finds

The following incident management process is to be followed for non-skeletal objects:

1. Promptly report the location of that site, object or those remains to the Traditional Owners
2. Work shall stop immediately, machinery moved away, and the discovery cordoned off with a high visibility barrier
3. Site personnel shall inform the supervisor immediately
4. Work shall cease within a 50m buffer around the discovery
5. Site personnel shall leave the discovered item in situ and not touch, damage, disturb, interfere with or remove it
6. Downer shall inform the ElectraNet Project Manager and ElectraNet Cultural Heritage Advisor within 1hour of the discovery (concurrently with implementing the site protection measures)
7. ElectraNet shall advise the RMMAC and the nominated Heritage Consultant within 24hours to review the discovery
8. ElectraNet shall contact DPC-AAR within 24hours to notify them of the discovery and the management actions in place
9. The heritage consultant, in consultation with RMMAC, shall access the object(s) and recommend appropriate mitigation measures
10. ElectraNet shall implement reasonable heritage mitigation measures that are recommended by the heritage consultant and agreed with RMMAC and in accordance with the Aboriginal Heritage Act 1988
11. If an additional investigation or remediation is recommended, ElectraNet shall arrange for RMMAC and the heritage consultant to undertake those works
12. Works shall not recommence until approved by ElectraNet
13. ElectraNet will seek advice from RMMAC as to whether they want the object recorded with DPC-AAR

Skeletal Finds

1. Promptly report the location of that site, object or those remains to the Traditional Owners
2. Work shall stop immediately, machinery moved away, and the discovery cordoned off with a high visibility barrier
3. Site personnel shall inform the supervisor immediately
4. Work shall cease within a 50m buffer around the discovery
5. Site personnel shall leave the discovered item in situ and not touch, damage, disturb, interfere with or remove it
6. Downer shall inform the ElectraNet Project Manager and ElectraNets Cultral Heritage Advisor within 1 hour of the discovery (concurrently with implementing the site protection measures)
7. ElectraNet shall advise the RMMAC and the nominated Heritage Consultant within 24 hours to review the discovery
8. ElectraNet shall contact DPC-AAR within 24 hours to notify them of the discovery and the management actions in place
9. The heritage consultant, in consultation with RMMAC, shall access whether the remains are human or animal
10. If the remains are determined to be human, the SA Police shall be notified. SA Police may wait for confirmation from the heritage consultant regarding the age of the remains or may choose to establish a crime scene
11. If remains are determined to be ancestral Aboriginal remains, advice will be sought from RMMAC and the heritage consultant regarding management measures
12. ElectraNet shall implement reasonable heritage mitigation measures that are recommended by the heritage consultant and agreed by RMMAC in accordance with the Aboriginal Heritage Act 1988
13. Work shall be redesigned to avoid the remains where possible

14. Work shall not recommence at the discovery location until notice is provided by ElectraNet authorizing Downer to recommence work. ElectraNet shall not provide clearance to recommence work until authorization has been received by SA Police and RMMAC

APPENDIX D - MONITORING REQUEST FORM

DETAILS	
Date of Request	[Note: 30 calendar days' notice required]
Monitoring Request Number	[Contractor's Document Number including revision]
DESCRIPTION OF WORK	
Description of Proposed Work	<ul style="list-style-type: none"> Describe what needs to be monitored
MONITORING REQUEST	
Traditional Owner	RMMAC or First People's #2 or NNAC
Number of monitors required	<input type="checkbox"/> 12 monitors (6 crews of 2 monitors) <input type="checkbox"/> 10 monitors (5 crews of 2 monitors) <input type="checkbox"/> 8 monitors (4 crews of 2 monitors) <input type="checkbox"/> 6 monitors (3 crews of 2 monitors) <input type="checkbox"/> 4 monitors (2 crews of 2 monitors) <input type="checkbox"/> 2 monitors (1 crew of 2 monitors)
Dates	Day Month Year to Day Month Year
Rostered Days Off	
R&R Leave	
Work Hours	6.30 am (pre-start meeting) to 4.30pm
Location	Specific location of monitoring request
ADMINISTRATION	
Accommodation	Accommodation is required at: Town
Pre-start meeting location	Location: X Time: X
Contractor Contact in the Field	Name Position

	<p>Mobile Number</p> <p>Email</p>
Training Requirements	<p>Training:</p> <ul style="list-style-type: none"> • PEC Project Induction
Safety Requirements	<p>Vehicle:</p> <ul style="list-style-type: none"> • Diesel four wheel drive • Reverse alarm • Flashing light • UHF radio • First aid kit • Fire extinguisher • 3m front-mounted flagpole (for visibility over dunes) • Fire-fighting knapsack for vehicle (to be supplied by ENet) • Emergency roadside triangles (to be supplied by ENet) • Wheel chocks (to be supplied by ENet) • Magnetic vehicle signs (to be supplied by ENet) <p>Personal Protective Equipment:</p> <ul style="list-style-type: none"> • Hard hat • Safety glasses (cannot be regular sunglasses) • Gloves • Sun protection (hat, sunscreen) • Steel cap safety boots • Hi-visibility long-sleeved shirt (must be day/night rated – i.e. have reflective striping) • Long trousers (jeans acceptable) <p>Drug and Alcohol Requirements:</p> <ul style="list-style-type: none"> • Drug and alcohol free worksite • Breath testing for all employees each morning at pre-start • Random drug testing in the field
Any other notes	See draft Budget attached

No.	Item	Description	Amount	Total (ex GST)	Is this cost subject to GST?	Total (inc GST) if applicable
1	CHO Rates	No. of CHOs	No. of days/hours	Total		
2	Accommodation	Dates of accommodation	No. (x people)	(x \$157 per night)		
3	Breakfast	Dates of breakfast	No. (x people)	(x \$29.20)		
4	Lunch	Dates of lunch	No. (x people)	(x \$32.85)		
5	Dinner	Dates of dinner	No. (x people)	(x \$56.00)		
7	Transportation	0.75c per km or Bus Ticket	Bus Ticket cost or List the CHO name and their travel: Mannum to Berri return = 384km x 0.75 = \$288 Adelaide to Berri return = 486km x 0.75 = \$364.50 Renmark to Berri return = 35km x 0.75 = \$26.25 Gerard to Berri return = 39.2 x 0.75 = \$29.40 Meningie to Berri return = 468.8km x 0.75 = \$351.60 Barmera to Berri return = 30.6km x 0.75 = \$22.95 Glossop to Berri return = 16.6km x 0.75 = \$12.45 Clare to Robertstown return = 118km x 0.75 = \$88.50 Adelaide to Robertstown return = 266km x 0.75 = \$199.50	Total		

			*can be extended to include more loctions (use Google Maps for distances) Adelaide/Mannum CHOs will be trained in Adelaide.			
8	Hire Cars	Can only be included for surveys, not monitoring	No. of cars x No. of days x cost per day	Total		
9	Specialist Fees	At cost		Total		
11	Cultural Heritage Coordinator (Survey and Monitoring)	CHC days (where 2 hours per day payable)	No. of hours x No. of people (i.e. 2 CHCs for FP#2)	Total		
12	CHC Training Coordination (Training)	10 hours per CHC per training block	4 training blocks for FP#2 (x 2 CHCs) 4 trainging blocks for RMMAC 2 training blocks for NNAC	Total		
13	20 % Administration / Project Management Fee	On total cost of Budget		Total		