

JINDABYNE POLICE STATION

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

PREPARED FOR: SNOWY MONARO REGIONAL COUNCIL

25 January 2021

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This Construction Environmental Management Plan (CEMP) is a controlled document developed by Group GSA. The CEMP is to be used as guidance only in support of the Development Application.

This document will become the responsibility of the main contractor and is to be developed further in the following project stages.

Revision

The Quality Manager shall be responsible for ensuring all revisions remain up-to-date and controlled, communicating the updated documentation to those on the recipient list, as well as to the Wider Project Team.

Revision	Date	Description	Prepared By	Reviewed By	Approved By
01	25/01/2021	DA submission	Oswaldo Marcelo	Janine Graves	Janine Graves

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1. INTRODUCTION

1.01 OVERVIEW

GroupGSA have produced a Construction Environment Management Plan for the Jindabyne Police Station Development Application. It is however expected that the main contractor produces a CEMP aligned with the following guidelines prior to commencement of work on site.

Group GSA operates an Integrated Management System comprised of standard procedures to perform various management functions across GroupGSA operations.

GroupGSA has achieved certification in the following areas:

- Quality System to AS/NZS ISO 9001:2008
- AS4801 Occupational Health and Safety
- ISO 14001-2004 Environmental Management System

To ensure compliance with these procedures/processes, regular audits are to be conducted.

1.02 PURPOSE OF THE CEMP

The Construction Environmental Management Plan provides an outline of the environmental management requirements for the development proposal and a list of mitigation measures specific to the Jindabyne Police Station site.

This document will become the responsibility of the main contractor and is to be developed further in the following project stages.

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2. CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN



2.01 OVERVIEW OF THE DEVELOPMENT

The proposed development at 16-18 Thredbo Terrace, Jindabyne comprises a 2 storey Police Station, 2 storey accommodation building, a carport and a storage shed. The development comprises an approximate total GFA of 1,099m².

2.02 ENVIRONMENTAL MANAGEMENT

This CEMP has been produced to support an SEE for the DA approval for Jindabyne Police Station. The environmental management objectives and supporting actions presented within this document are intended to assist in this process.

The CEMP will consider the demolition of the proposal and decommissioning of existing services to include a risk assessment which identifies that the safeguards identified in the SEE, are effectively translated into actual construction techniques and environmental management activities, controls and monitoring/verification to prevent or minimise environmental impacts.

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2.03 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

The CEMP is to identify the requirements for compliance with relevant legislation and other regulations to address environmental safeguards described throughout the SEE are implemented.

The mitigation measures outlined in this SEE predominantly relate to the construction phase of this development. To undertake the construction of the Police Station and Accommodation buildings, the successful contractor is required to prepare a comprehensive Construction Environmental Management Plan (CEMP). The CEMP is to identify the responsibilities for implementing environmental control measures, associated reporting requirements and compliance monitoring.

The CEMP outline requires actions to be undertaken to fully comply with mitigation measures recommended within the SEE, with any conditions attached to other approvals or permits granted for this proposal. NSW Police Force are to review the CEMP.

In accordance with the 'Guideline for the Preparation of Environmental Management Plans' released by the Department of Infrastructure, Planning and Natural Resources, the CEMP should contain items within the following table:

Table1 – CEMP General Guidelines

Background	
	<ul style="list-style-type: none"> • Introduction to the document • Description of the proposal and project details • The context for the CEMP regarding the overall project • The CEMP objectives • The contractor's environmental policy
Environmental Management	
	<ul style="list-style-type: none"> • Environmental management structure of the organisation and specific team • Responsibilities with respect to the CEMP and its implementation • Approval and licensing requirements relevant to the project • Reporting requirements • Environmental training • Emergency contacts and response
Implementation	
	<ul style="list-style-type: none"> • A project specific risk assessment • A detailed list of environmental management safeguards and controls • CEMP sub plans for specific environmental controls • A detailed schedule assigning responsibility to each environmental management activity and control
Monitor and Review	
	<ul style="list-style-type: none"> • Environmental monitoring • Environmental auditing • Corrective action • CEMP review and document control procedures

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The CEMP must provide details on monitoring and verification for all identified mitigation measures.

The project manager must review and monitor the CEMP on behalf of NSW Police Force.

A summary of the environmental mitigation measures identified in Table 2 and this SEE are to be considered in the contractors CEMP.

Implementation of mitigation measures are to be undertaken during the following phases:

- Detailed Design: when the design of the facilities and site services are developed and coordinated
- Pre-construction: prior to contractor commencing any works on site
- Construction: when the site is under construction
- Operation: when the new police station building is being used for its intended purpose

Refer to Snowy-Monaro Regional Council's Snowy River DCP for environmental performance requirements and considerations.

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Table 2 – Overview Construction Environmental Management Plan

Stage	Action	Responsibility
Pre-demolition/excavation		
Site contamination	Prepare a plan for the removal of the areas of known asbestos within the existing building in an appropriate manner in accordance with Work Cover requirements.	Contractor
Heritage	As part of the site induction activities, all workers (including contractors) will undergo cultural heritage induction to ensure they recognise Aboriginal artefacts, will be made aware of the legislative protection requirements for all Aboriginal sites and objects under the NP&W Act, and will be made aware that it is illegal to harm an Aboriginal object or historic relics.	Contractor
Drainage + Water Quality	Sediment and erosion control devices must be installed around work sites and maintained to minimise the transport of sediment in accordance with “Managing Urban Stormwater, Soils & Construction, Volume 1” (Landcom 2004).	Contractor
Noise + Vibration	<p>Prepare a Construction Noise Management Plan (CNMP) to describe the methods that will be implemented for the whole of the project to minimise the noise impacts. The CNMP must include:</p> <ul style="list-style-type: none"> • Identification of nearby residences and other sensitive land uses • Assessment of expected noise impacts • Detailed examination of feasible and reasonable work practices that will be implemented to minimise noise impacts • Strategies to promptly deal with and address noise complaints • Details of performance evaluating procedures (for example, noise monitoring or checking work practices and equipment) • Procedures for notifying nearby residents of forthcoming works that are likely to produce noise impacts • Reference to relevant mitigations 	Contractor

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During demolition and/or tree removal		
Site Contamination	<p>A copy of the Hazardous Building Materials Inspection (Hazmat) report by JKEvironments Pty Ltd for Jindabyne Police Station dated 11 December 2020 must be provided to the contractor prior to the commencement of demolition works.</p> <p>Following the demolition of the buildings, sample and analyse the groundwater in the vicinity.</p>	Contractor
Trees, Vegetation + Fauna	<p>Removal of trees to be confirmed. Refer to Group GSA DA drawing JIN-AR-0101 for proposed removal of trees Refer to Arborist report by Canopy Tree Experts dated 18 December 2020.</p> <p>Replacement of any specimens needs to be mindful of their spatial requirements to allow them to grow to maturity and not be impeded by the built structure.</p>	Contractor
Construction		
Trees, Vegetation + Fauna	<p>All works on site must be carried out in accordance with the recommendations of the Preliminary Arboricultural Report for Jindabyne Police Station by Canopy Tree Experts, dated 18 December 2020 and read in conjunction with Group GSA's site demolition plan.</p> <p>The location of replacement trees must be mindful of their spatial requirements to allow them to grow to maturity and not be impeded by the built structure.</p> <p>Replacement trees must be maintained by an appropriately qualified and experienced landscape contractor for up to one (1) year after planting, or as appropriate.</p>	Contractor
Traffic + Parking	<p>A copy of the Traffic Impact Statement prepared by Urbis dated the 22nd of January 2021 must be provided to the contractor prior to the commencement of demolition works.</p> <p>A Construction Traffic Management Plan (CTMP) would be prepared by the Contractor in consultation with NSW Police Force and provided to Council and RMS as required.</p> <p>The CTMP would be the primary management tool to manage potential traffic impacts associated with construction and demolition of the proposal. Consultation with the appropriate road authority is required.</p>	Contractor

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Soils	All works, including bulk excavation, must be carried out in accordance with the recommendations of the Geotechnical Investigation Report by JK Geotechnics, Ref: 33612Arpt, dated 17 th of December 2020.	Contractor
Drainage + Water Quality	<p>Sediment and erosion control devices must be installed around work sites and maintained to minimise the transport of sediment in accordance with <i>Managing Urban Stormwater, Soils & Construction, Volume 1</i> (Landcom 2004). These devices must be inspected weekly and immediately after rainfall to ensure their effectiveness over the duration of the duration of the works. Any damage to erosion and sediment controls would be rectified immediately.</p> <p>The area of exposed surfaces must be minimised and disturbed areas are to be stabilised progressively to ensure that no areas remain unstable for any extended length of time.</p> <p>Wherever possible, reuse soil and sediment that accumulates in erosion and sediment control structures during site restoration unless it is contaminated or otherwise inappropriate for reuse.</p> <p>Vehicle and machinery movement would be confined to designated roads, tracks, pathways and work areas. Designated lay-down areas would be selected to minimise erosion or vegetation damage.</p> <p>Manage stockpiles by implementing sediment and erosion control devices in accordance with <i>Managing Urban Stormwater, Soils & Construction, Volume 1</i> (Landcom 2004)</p> <p>Cease work during heavy rainfall events when there is a risk of sediment loss off-site or ground disturbance due to water logged conditions.</p> <p>Ensure equipment, plant and materials are placed in designated areas where they are least likely to cause erosion.</p>	Contractor
Site Contamination	<p>Cease work in the immediate vicinity of any areas of suspected contamination that are identified prior to or during work. Ensure that these areas are not disturbed and are cordoned off as a safety risk.</p> <p>In the event unexpected conditions are encountered during development work or between sampling locations that may pose a contamination risk, all works should stop and an environmental consultant should be engaged to inspect the site and address the issue.</p>	Contractor

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	Any waste generated and removed from the site must be transported to a place that can lawfully accept it. Waste must be tracked in accordance with EPA guidelines.	
Air Quality	Demolition works should not be carried out during high winds. Dust suppression techniques, including the use of water suppression methods (e.g. hand hose), must be employed on windy days for all other works.	Contractor
Noise + Vibration	Maintain all plant and machinery to optimum operating conditions	Contractor
Environmental Sustainability	The development must incorporate the sustainable design measures identified in the ESD Report by JHA engineers, Project No. 200411, Revision A, dated 21 st of January 2021.	Contractor
Heritage	If an item or suspected item of Aboriginal or non-Aboriginal heritage is uncovered during construction, all works in the vicinity of the item shall cease and BGIS notified. Appropriate advice shall be sought from a suitably qualified heritage consultant/archaeologist (and in consultation with the relevant division of OEH, as required). Works in the vicinity of the find shall not re-commence until clearance has been received from the heritage consultant/archaeologist and BGIS.	Contractor

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Post-construction/Prior to Occupation		
Drainage & Water Quality	Following completion of work, restore land surfaces to as close as possible to pre-existing conditions.	Contractor
Trees, Vegetation + Fauna	<p>Generally, condition of all trees impacted by the development including during construction are to be assessed.</p> <p>Removal of trees outside of the site boundary are to be confirmed. Replacement trees will be situated in positions where they may grow to maturity unhindered and will not conflict with built structures or utility services and in greater numbers than the trees removed should provide a net increase in the local amenity.</p>	Contractor
Drainage & Water Quality (Submission response)	<p>Restriction to User over the On-Site Detention system.</p> <p>A Restriction to User over the Stormwater Quality Improvement Devices and Rainwater Tanks.</p> <p>An experienced hydraulic engineer is to certify that all the non-potable water uses are being supplied by rainwater and that all the requirements of the detailed Non-Potable Water Reuse Plan have been installed and are working correctly.</p>	<p>Contractor/NSWPF</p> <p>Contractor</p>
Ongoing		
	The OSD and Water quality systems are to be appropriately maintained in accordance with the requirements of the respective Restrictions as to User.	NSWPF

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2.04 HOURS OF CONSTRUCTION

The works would largely be undertaken within standard hours of construction. The contractor is to confirm with council if there will be a need to operate out of these standard hours and seek approval if necessary.

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