

**Mine Site Services**

**Scope Of Work**

**13-May-24**

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## 1. Abbreviations & Definitions

Listed below are abbreviations and associated definitions used within this document.

**Table 1: Abbreviations & Definitions**

Abbreviation	Definition
Company / TOPL	Thunderbird Operations Pty Ltd (ABN 11 611 351 743) of 2/41-47 Conlin Street, West Perth, WA 6005
Contractor or Tenderer	Used interchangeably to mean tenderer. The contractor named in the Schedule of Contract Information
DMU	Dry Mining Unit used interchangeably with MUP
ECP	Emergency Communication Plan or Procedure
EMP	Refers to the Project's Environmental Management Plan
FEL	Front-End Loader
General Site Internal Access Roads	Means the private mine road network controlled by the Principal at Thunderbird Site
H&S	Health and Safety
HDPE	High-Density Polyethylene
HSE	Health, Safety and Environment
HSET	Health, Safety, Environment and Training
HSMP	Health and Safety Management Plan
ICAM	Incident Cause Analysis Method
ID Badge	Pertains to a personnel Identification Badge
INR	Incident Notification Report
IRMMP	Internal Roads Maintenance Management Plan
KMS	Kimberley Mineral Sands Pty Ltd
KPI	Key Performance Indicator
L/s	Litres per second
Ltd	Limited
LV	Light Vehicle
m	metre
MSMS	Mine Safety Management System
MSMP	Mine Safety Management Plan
mm	millimetre
Native Title Stakeholders	Traditional Owner groups comprising of Joombarn-buru, Nyikina Mangala (aka Walalakoo) and Yawuru
ORAW	Operational Risk Assessment Workshop
Poly-welding	Poly-welding is the process of joining thermoplastic polymers, achievable by butt welding, electrofusion and/or extraction welding
PPE	Personal Protective Equipment
Pty	Proprietary
Principal or Client	Used interchangeably to denote the Contract Owner at the Project
RA	Risk Assessment

Abbreviation	Definition
RDO	Rostered Day Off
RFA	Recommendation for Award
RFT	Request for Tender
RMP	Records Management Plan
SDS	Safety Data Sheet
SWP	Safe Work Procedure
Scope of Works (SoW) or Scope	Means the scope of work set out in this document
t or tonnes	Unless stipulated otherwise, 't' or 'tonnes' refers to wet metric tonnes
TAR	Thunderbird Access Road
Thunderbird or Project	Means the Thunderbird Mineral Sands Project
TMP	Traffic Management Plan
VAR	Village Access Road
Village	Thunderbird Village
VoC	Verification of Competency
WA	Western Australia
WMP	Water Management Plan

## 2. Project Overview

In March 2021, Sheffield Resources Ltd (ASX code: SFX) and YGH Australia Investment Pty Ltd (**YGH**) formed an incorporated joint venture known as, Kimberley Mineral Sands Limited (**KMS**), to develop the Thunderbird Mineral Sands Project (**Thunderbird** or **Project**). KMS operates through its wholly owned subsidiary entity called Thunderbird Operations Pty Ltd (**TOPL** or **Principal**).

### 2.1 Project Description

Thunderbird is one of the largest and highest-grade mineral sands discoveries in the last 30 years and is the first significant heavy mineral sand deposit to be discovered in the Canning Basin.

The Feasibility Study Update 2021 shows Thunderbird is a technically low-risk, modest capex project that generates strong cash margins from globally significant levels of production over an exceptionally long mine-life spanning multiple decades. Thunderbird will generate a suite of mineral sands products with specifications suited to market requirements. These products include a zircon rich non-magnetic concentrate and ilmenite suitable for manufacturing titanium dioxide pigment or smelting into chloride slag (noting >90% of the products volume committed to various offtakers and in advance discussions with the remainder). Thunderbird is well placed to deliver long term, economic and social benefits to the Kimberley region.

### 2.2 Location

Thunderbird Mine is located approximately 75km west-southwest of Derby and 95km northeast of Broome and the mine area is situated within the Mt Jowlaenga pastoral lease (see Figure 1).



**Figure 1: Location Map**

Primary access to the Thunderbird operation by road is via the sealed Great Northern Highway. The mine site is approximately 140km from either Broome or Derby.

## 2.3 Mineral Sands Market Overview

Historically, demand for titanium minerals and zircon has displayed generally steady, GDP-related, growth characteristics. Increasing demand for mineral sand products from developing countries has become increasingly evident over recent years. Titanium minerals and zircon constitute a relatively secure input source to a range of industrial and end-consumer applications, with relatively low threats from substitutes.

### Zircon

Over 50 per cent of the global zircon supply is used in the production of ceramics, including tiles, sanitary ware, and tableware. Zircon is also used in the production of refractories and for foundry applications. Global zircon demand in 2021 was an estimated 1.1 million tonnes. In recent years zircon prices have been steady sitting around US\$2,400-\$2,600 per tonne for CIF shipments from Australia and from other major suppliers globally. The longer-term outlook for zircon prices remains strong, due to increasing demand, restricted supply, and a limited pool of new projects in development.

### Titanium Minerals

Titanium Minerals, rutile, ilmenite, leucoxene, and synthetic rutile are the principal feedstock used in the production of titanium pigment. In 2021, the global titanium dioxide (TiO<sub>2</sub>) feedstock demand was estimated at approximately 8.4 million tonnes with strong pricing dynamics for all products. As a result of strong demand, generally restricted supply, and uncertainty on the development of new projects, pricing is expected to remain steady. Independent industry group TZMI have forecast growth in the industry with demand expected to grow to an estimated 10.4 million tonnes over the next 7-8 years.

## 3. Scope of Works General Overview

The Scope of Works (SoW) outlined herein relate to the provision of a range of mine site auxiliary services and functions required in support of day-to-day operations at Thunderbird. Outlined are contractor roles and responsibilities, activities, requirements, and deliverables as part of the provision of services sought.

The scope shall include, but not necessarily be limited to, the supply of all adequate management, supervision, labour, tools, plant, equipment, and materials (other than specifically included under section 7 Principal Supplied Items), consumables, personnel transport to and from the job site, equipment mobilisation and demobilisation, and every item of expense necessary to perform the following Works in accordance with the requirements of all documents forming part of the Agreement.

In summary, the scope comprises of, but is not limited to, the provision of the following services and/or activities:

- Road construction, inspection, and maintenance of the mine site internal road network and work area access tracks, excluding the Thunderbird Access Road (TAR), Village Access Road (VAR) and roads within the active mining area / pit.
- Manage internal road / access track water drainage inclusive of systems for managing water run-off and containment.

- Undertake earthwork remedial works associated with monitoring and production bore pads.
- Fencing repairs around water storage and borefield infrastructure facilities.
- Yearly reinstatement of Thunderbird operational firebreaks to the design and specification stipulated by the Principal.
- Supply of poly-welding equipment and the provision of poly-welding capability to undertake process water and slurry pipeline extensions entailing the poly-welding of 560mm and 800mm poly-pipe (PN10) diameters as required to support the scheduled relocation of the Dry Mining Unit (DMU).
- Supply of a light vehicle (LV) and mobile plant equipment refuelling service vehicle to support refuelling operations as well as the undertaking of general basic vehicular maintenance.
- Complete weekly (or as directed) covering of the landfill facility using suitably scaled mobile plant equipment as well as schedule and excavate a new landfill cell approximately every six months.
- Supply signage equipment to manufacture signage meeting Site size, format, reflectivity requirements.
- Supply, install, and maintain Contractor facilities / infrastructure to support scope delivery, including but not limited to, crib room, ablution block, stores, maintenance workshop, and secure laydown facility as required.
- Manage contractor safety and performance through Key Performance Indicator (KPI) reporting in line with the activities and key deliverables as outlined in this scope.

The sections that follow provide additional detail as to the activities and core deliverables to be performed by the Contractor relevant to the scope.

## **4. Detailed Scope of Works Requirements & Contractor Deliverables**

### **4.1 General – Early Works**

- Mobilise all necessary mobile plant, equipment, infrastructure facilities, and personnel to site at the Contractors cost.

### **4.2 Establishment of Contractor Site Facilities / Infrastructure**

- The Contractor will be required to supply and install buildings and associated infrastructure inclusive of service connections, for the Contractor's temporary facilities, including but not limited to:
  - Mobile office/s.
  - Crib Room & Ablution Block.
  - Dome Shelter / Sea Container Workshop Facility with Hardstand and Store.
  - Secure materials Laydown Yard.

### **4.3 Mine Site General Internal Access Roads & Access Track Maintenance**

- Undertake regular inspection and maintenance of approved mine site internal access roads and work area access tracks within approved areas.
- Develop a comprehensive Internal Roads Maintenance Management Plan (IRMMP) inclusive of schedule and associated procedures to safeguard the use of the mine site internal roads and work area access track networks.
- Implement a preventative internal mine access roads maintenance program to address potential issues before they escalate.
- Develop an internal roads / access tracks Water Management Plan (WMP) in line with site requirements to prevent surface water accumulation through adequately designed roads and water drainage management practices, systems, and procedures.
- Undertake remedial works to surface water management infrastructure, including but not limited to, designated operational work areas at the Process Plant, Village, general mine internal access road network, and Borefields using plant equipment that may include the use of an excavator, FEL and tipper.
- Regularly inspect and maintain work area access tracks leading to groundwater monitoring and production Borefields to ensure safe and unobstructed access for bore monitoring and mining operational activities.
- Repair any obvious signs of erosion, rutting, or damage to access tracks to prevent soil erosion and to minimise impacts on surrounding habitats.
- Conduct routine weekly inspections of internal roads / access track surface conditions, water drainage, in order to identify ongoing maintenance needs.
- Maintain existing internal mine site road network surfaces using appropriately scaled equipment to the standard required.
- Undertake Traffic Management Surveys to ensure an appropriate level of traffic management is maintained allowing for safe use of mine site internal road / work area access track networks.
- Schedule the repair of potholes, soft-spots, cracks, and surface defects on mine site internal roads and access tracks promptly to ensure safe passage for personnel and vehicles.
- Clear unwanted debris from mine site internal roads and designated work area access tracks.

### **4.4 Traffic Management & Signage**

The Contractor will also be required to undertake a thorough assessment of the existing internal mine access road network infrastructure to devise new strategies in relation to road layout, water management, and safety. Key activities will include, but not be limited to the following:

- Conduct a thorough assessment of the existing mine site internal road network to develop strategies and approved road layout for subsequent construction.

- Follow the directives as set out in the WHS (Mines) Regulations 2022, Schedule 19, clause 4, roads and other areas where mobile plant operate.
- Review and analyse traffic patterns, volumes, and congestion points to determine optimal road design and traffic management strategies.
- Develop a Traffic Management Plan (TMP) to minimise disruptions during road maintenance activities, including the implementation of temporary traffic control measures, such as flagging operations and detours as needed.
- Notify personnel through approved site communication protocols of upcoming road maintenance activities / schedule that have the potential to impact onsite operations.
- Consider, with pre-approval by the Client, widening lanes, adding turning lanes etc. Reference section 4 Intersections, Government of Western Australia, Department of Mines, Industry Regulation and Safety, Resources Safety, Traffic management audit – guide, dated 27<sup>th</sup> January 2016.
- Incorporate features such as windrows, speed humps, and signage to control vehicle speeds.
- Assess and improve drainage infrastructure to prevent surface water accumulation and erosion.
- Install or upgrade culverts, ditches, and stormwater management systems.
- Implement measures to mitigate the impact of seasonal heavy rainfall events to reduce the risk of potential flooding of internal roads.
- Purchase and commission a sign printing unit to meet Site signage formats, dimensions, and reflectivity requirements.
- Ensure clear and visible signage at critical points along the internal road network as outlined in section 6 Traffic control signage, Government of Western Australia, Department of Mines, Industry Regulation and Safety, Resources Safety, Traffic management audit – guide, dated 27<sup>th</sup> January 2016.
- Install reflective markers and warning signs to enhance visibility, especially in low-light conditions.
- Conduct regular audits and inspections of the road network to assess compliance with road maintenance standards and traffic regulations.
- Solicit feedback from road users to identify areas for improvement and implement corrective actions accordingly.
- Maintain detailed records of road maintenance activities and road inspections.
- Generate periodic reports summarising key performance indicators (KPIs) and highlight areas of concern.
- Share findings and recommendations with the Principal and relevant stakeholders to facilitate continuous improvement efforts.

#### **4.5 Poly-Pipe Pipeline Extensions, Laying HV Cable, Poly-Welding & Repairs**

- Plan and install process water and slurry poly-pipe extensions as well as facilitate the laying of de-energised HV cable, to the dry mining unit (DMU) as per the Thunderbird's "DMU Move" relocation and re-commissioning schedule.
- The Contractor is required to supply a suitable sized poly-welding machine that is capable of poly-welding 800mm diameter process water lines and 560mm diameter slurry lines. In relation to poly-pipe specifications, a minimum of SDR17, which equates to a PN10 thickness, is required to manage pipeline abrasion issues.
- Excavate, trench, and lay water pipelines to the DMU in accordance with Site safety, operational, and environmental requirements and associated policies and procedures.
- Aid in the commissioning of the process water and slurry pipework network between the Process Plant and DMU to ensure functionality and pipework integrity prior to DMU start-up.
- Undertake daily inspections of the DMU process water and slurry pipelines for cracks, leaks, or other defects. Report defects and undertake prompt remedial action.
- Repair HDPE pipework leaks, fittings, and damage, using approved materials and poly-welding techniques.
- Replace worn-out or damaged pipe network components to prevent water loss to allow a continuous supply of process water to the DMU unit and associated mining related water service infrastructure.

#### **4.6 Contractor Re-Fuelling Service Vehicle**

The Contractor shall provide a refuelling service vehicle for the refuelling of the Contractor's light vehicles and mobile plant equipment. Additionally, the Contractor shall be responsible for the following:

- Provide personal protective equipment (PPE) such as suitable gloves, safety glasses, and protective clothing to minimise any potential exposure to fuel and associated hazards.
- Before refuelling, the operator shall inspect LVs and mobile plant equipment to ensure that they are in good working condition and safe to refuel.
- Identify the fuel tank location on each vehicle or equipment and position the refuelling service vehicle in a safe position with easy access and place appropriate signage / exclusion zone/s to alert site personnel in the vicinity that refuelling is in progress.
- Use the pumping system on the refuelling service vehicle to dispense the appropriate type and amount of fuel into each vehicle or equipment's fuel tank at the designated refuelling depot.
- Monitor the amount of fuel being dispensed to ensure appropriate refuelling and prevent fuel tank overfilling.
- Maintain records of fuel transactions on a shift basis for each vehicle or piece of equipment, including the amount of fuel dispensed, vehicle or equipment identification number, and any other relevant notes or comments.

- Coordinate with vehicle or equipment operators in the vicinity to ensure a smooth refuelling process and to address any specific concerns or needs that they may have.
- Ensure all safety equipment including fire extinguishers, spill containment materials (such as absorbent pads or booms), and safety signs are accounted for and are in good working condition ready for use. The spill kits should contain all necessary materials to contain and clean-up fuel spills safely and efficiently.
- In the case of any fuel spills or leaks during the refuelling process, the Contractor shall use spill kits including containment materials / consumables to prevent unwanted contamination to the surrounding environment. The Contractor is also required to follow the Site's emergency spill response and spill clean-up protocols as well report all incidents and near-misses via the approved Site incident reporting procedure.
- Follow appropriate fuel dispensing safe work procedures throughout the refuelling process. This includes having in place all necessary permits, licences, and documentation required for dispensing fuel, ensuring compliance with relevant regulations and Site refuelling safety standards and requirements.
- The Contractor is to report any significant fuel spills to the Environmental team without delay and promptly lodge an Incident Notification Report.
- In addition to refuelling, the service vehicle may also be required to provide general vehicle basic maintenance services such as checking fluid levels, tyre pressure, tyre change-outs, and vehicle inspections as needed.
- Basic fit-for-purpose tooling and equipment for performing routine vehicular basic general maintenance tasks and minor repairs should be onboard the refuelling service vehicle.
- Make provisions for contractor light vehicles to contain radios to allow positive communications and interactions whilst undertaking tasks.
- Ensure compliance with all regulatory, legislative, and safety standards governing the handling and dispensing of fuel.
- After refuelling is complete, securely close all fuel tank caps and ensure refuelling vehicle equipment is properly stowed and secured for transport.
- After servicing all vehicles and equipment, perform a final check / walkthrough to ensure all tasks have been completed properly and that the refuelling service vehicle is ready for the next assignment.

#### **4.7 Environmental Management Activities**

Thunderbird's Environmental Management Plan (EMP) aims to outline the procedures and responsibilities for managing key environmental aspects associated with the Thunderbird Operation. Environmental activities undertaken onsite, include but are not limited to, the management of the landfill and bioremediation facilities, nursery, fire breaks, environmental oversight and management of onsite emergency spills and subsequent clean-up efforts, as well as Environmental reporting to government agencies.

By adhering to the TOPL's EMP, Company personnel and its contracting partners seek to minimise environmental impacts, ensure regulatory compliance, and promote sustainable practices at Thunderbird.

The execution of Environmental based activities outlined herein, as performed by the Contractor, shall be under the direction of the Environmental Superintendent and/or delegate.

Contractor Environmental based deliverables include, but may not be limited to, the following activities as set out in the sections below.

#### **4.7.1 General Requirements**

- Consult with the Environmental Superintendent and/or delegate to ensure adherence to TOPL's Environmental Management Plan (EMP) when undertaking Environmental based activities.

#### **4.7.2 Landfill Facility**

- Complete weekly (or as directed) covering and compaction of the landfill facility using suitably scaled mobile plant equipment e.g. excavator and front-end loader (FEL) to minimise odour, prevent littering, and reduce the risk of Environmental contamination to surround areas.
- Ensure compliance with relevant regulatory requirements and best practices associated with landfill management.
- Consult with the Environmental Superintendent to ensure proper site selection, change management, and Environmental and/or Site permitting requirements are adhered to prior to the commencement of Works.

#### **4.7.3 Bioremediation Pad Facility**

- Perform weekly "turning-over" (or as directed) of the Environmental Bioremediation Pad to facilitate aerobic decomposition and aid in the acceleration of the remediation process using a small excavator ~16t maximum capacity.
- Perform adequate (weekly or as directed) watering of the Bioremediation Pad using a water cart and water cannon to maintain optimal moisture levels for microbial activity and contaminant degradation.
- Immediately report to the Environment team any signs of damage and/or deterioration of the Bioremediation Pad High-Density Polyethylene (HDPE) liner.
- Repair tears or punctures in the Bioremediation Pads' HDPE liner to the standard required to prevent the unwanted seepage of contaminants into the surrounding environment.

#### **4.7.4 Environmental Spill Response & Clean-Up**

- Purchase and maintain spill response consumables, materials, and equipment for prompt emergency spills containment and clean-up.
- Perform large-scale spill response and clean-up activities to the standard required as directed by the Environment team.

#### **4.7.5 Maintenance of Mine Site Firebreaks**

- Annually reinstate fire breaks around the site perimeter, and agreed work area locations, including at the Thunderbird Village to minimise the risk of wildfires spreading to sensitive operational areas and the surrounding environment.
- Firebreak maintenance tasks include, but are not limited to, maintaining firebreaks around the:
  - Site Landfill Facility;
  - Power Station;
  - Borefields;
  - Thunderbird Village; and
  - Mine site internal access road shoulders.
- Clear vegetation and unwanted debris to create fire-resistant barriers / protections and maintain accessibility for fire-fighting equipment.

#### **4.7.6 Work Area Access Tracks Maintenance**

- Undertake yearly (or as directed) reinstatement of work area access roads to Thunderbird's groundwater monitoring bores and production bores to the requirements and specification stipulated by the Principal.
- Undertake borefield pad remedial earthworks as directed by the Principal.

#### **4.7.7 Miscellaneous Maintenance Works Including Fencing Repairs**

- Undertake general maintenance related tasks including fencing repairs around Site water storage and borefield infrastructure facilities.

### **5. Contractor General Provisions**

#### **5.1 Housekeeping & Facilities Cleaning**

The Contractor shall at all times keep its work facilities in a neat, clean, and safe condition. The Contractor shall remove from these areas and properly dispose of all waste streams including debris, rubbish, sewerage, and hydrocarbons in line with Site procedures.

Furthermore, the Contractor is responsible for all costs associated with maintaining their facilities including the provision of labour, tools, consumables, and equipment to ensure their facilities are kept clean and in good repair.

#### **5.2 Communications**

- The Contractor is responsible for providing communication infrastructure for their personnel and mobile plant equipment.
- The Contractor shall also be responsible for providing an Emergency Communication Plan (ECP) inclusive of maintaining said system through the duration of the Works which must be aligned with Site Emergency Response protocols and procedures.

### **5.3 Site Radios**

- The Contractor shall supply and maintain an adequate number (as a minimum for each Supervisor and Safety Personnel) of site radios required for the Contractor's site-based team.
- The Contractor shall operate on a Principal designated UHF and VHF pre-programmed radio channel at each work area in line with the Site's radio communications procedure.
- The Contractor's radio channel use will be coordinated and documented by the Company to support cross-communications on Site.

### **5.4 General and Other Requirements**

The Contractor shall:

- Ensure best practical technical standards are met in the performance of the scope.
- Provide sufficiently trained, capable, and fit-for-work personnel to perform the scope to achieve the Principal's core deliverables and requirements.
- Provide sufficient well-maintained and fit-for-purpose Contractor plant and equipment, compliant with all relevant Government regulations.
- Maintain the Contractor's working area, remove all rubbish and conduct general maintenance of the area to ensure that it is maintained in a safe and tidy condition.
- All Contractor plant and equipment to be mobilised to Thunderbird or the Principal's other premises, must first be inspected, and approved by the Principal for compliance with Site requirements as well as legislative requirements e.g. electrical equipment testing & tagging.
- The Contractor is encouraged to, as far as reasonably and economically practicable, use services, materials, plant, machinery, equipment, products, and processes available in the general geographical location where the services are to be performed.
- The Contractor shall comply with the Principal's procedures, policies, and management plans including Site Induction and HSET requirements whilst undertaking duties at Thunderbird or on the Principal's premises.
- Contractor pricing shall include personnel attendance at Company / Site inductions as deemed mandatory.
- The Contractor shall indemnify and keep indemnified, the Principal, subcontractors and their directors, employees, agents, and consultants from any cost, loss, expense, or damage incurred as a consequence of using services, materials, plant, machinery, equipment, products, processes, or standards of workmanship in carrying out the services which are unsuitable or defective in any way or which result in the services not being in accordance with the requirements of the Scope.

#### **5.4.1 Work Area Illumination**

When any work is performed at night or where daylight is insufficient or obscured, the Contractor shall:

- Provide artificial light sufficient to permit work to be conducted safely, efficiently, and satisfactorily. The Principal retains the right to inspect work areas and works completed to ensure this requirement is met.
- During such time periods, access to the place of work shall also be clearly illuminated.
- All wiring for electric lights and power overseen by the Contractor shall be installed and maintained in a manner aligned with Government / Industry applicable standards, rules, and regulations.
- All electrical wiring shall be securely fastened in place at all points and should be kept as far as possible away from telephone / signal wires.

#### **5.4.2 Traffic Management and Signage**

- The Contractor shall oversee appropriate implementation of traffic management strategies and procedures as per Site requirements and as approved by the Principal including the supply and installation all temporary / permanent signage and barricading associated with Contractor performed works, as well as the issuing to the Company of safety notices and work instructions in advance of the commencement of Works.
- Permanent signage shall not be installed by the Contractor without prior discussion and subsequent approval by the Principal and or delegated representative.
- Temporary signage and barricades are to be removed by the Contractor in a timely manner following the completion of Works.

#### **5.4.3 Weather Protection of Works**

- The Contractor shall be responsible for the protection of the Works from the effects of inclement weather.
- The Contractor shall be required to work in a safe and efficient manner taking due cognisance of forecast climatic conditions. In particular, the Contractor shall manage and schedule Works so that there is always work to be undertaken if inclement weather conditions interrupt planned activities.

The Contractor acknowledges that the Site may be subject to storm / cyclone activity, and must as deemed appropriate:

- Demonstrate to the Company's satisfaction that all materials, equipment, plant, as well as Company free issued materials, consumables, and equipment, are adequately secured in a storm event.
- Ensure all temporary facilities and structures are cyclone rated and are adequately secured as per regulatory requirements.
- The Contractor shall at its own cost be responsible to ensure any consignments whether stationary or in transit whilst under the Contractor's responsibility are sufficiently secured and protected from inclement weather and storm damage.

#### **5.4.4 Safety & Protection of the Works**

- The Contractor shall aid in the protection of Contractor personnel from injury via the placement of visible work area signage.

- The Contractor must install temporary barricades / barriers to prevent damage to existing Site infrastructure, other Contractor's works and equipment, and injury to personnel. The use of barriers may include, but are not limited to, windrows, bunds, diversion channels, fences, or temporary barricading.
- Contractor installed temporary structures / facilities must be of a suitable type and/or specification to meet Site, legislative, and regulatory standards, to ensure compliance.
- The Contractor is also responsible for supplying and maintaining all items (including flagging, warning lights, markers, signage, fences, or barricading) relevant to its Works and must also ensure that the barriers put in place are effective and suitable for purpose.
- The Contractor is responsible for providing and maintaining stocks levels of Personnel Protective Equipment (PPE) required for the execution of all Works.

#### **5.4.5 Supporting Seasonal Road Maintenance**

During the contract period, the Contractor may also be required to support the existing work programs of other Contracting Partners including the provision of personnel and/or mobile plant equipment in support of road works, e.g. seasonal (approximately October to April) maintenance of the Thunderbird Access Road (TAR), Village Access Road (VAR), and active mining areas. These works will be conducted under the direction of the Company.

#### **5.4.6 Quality Assurance**

The Company has the right to inspect the Works performed by the Contractor and/or Subcontractors to verify that the Works in progress or completed, meet the quality requirements as set out in relevant Site / Contractor documentation related to the activities being performed under the Works Agreement.

If Works undertaken by the Contractor fail to meet quality standards, remedial works are to be undertaken by the Contractor with all costs to be borne by the Contractor.

#### **5.4.7 Waste Management**

The Contractor shall be solely responsible for all costs associated with the management of waste streams, including:

- General waste.
- Sewerage disposal.
- Hydrocarbon disposal.

## **6. Thunderbird Operating Hours**

Thunderbird mine site is a 24/7 operation, which allows for regular shutdowns for scheduled maintenance and DMU relocations as per the mine plan.

The execution of Contractor performed Works is anticipated to be conducted during daytime hours (~0600 to 1800). However, there is potential to extend some aspects of the works delivery program to include night operations, which will require prior written approval by the Principal prior to works being allowed to commence.

## **7. Principal Supplied Items**

### **7.1 Construction Water**

- The Company will supply construction water via a six-inch standpipe from a water storage facility at the Process Plant.
- The collection and storage of construction water from the standpipe is the Contractor's responsibility.

### **7.2 Potable Water**

- The Company will supply potable water required for performance of the Works.

### **7.3 Contractor Work Area and Service Connection Points**

- The Principal will provide a suitable site location for establishment and installation of the Contractor's facilities and associated structures; however, it shall be the responsibility of the Contractor to connect services to their infrastructure / buildings e.g., offices, crib room, ablution block, workshop etc.

### **7.4 Construction Fuel**

- Diesel fuel will be free issued by the Company.
- The Contractor's obligations will extend to light vehicle, mobile plant and equipment refuelling, fuel usage tracking inclusive of records management and reporting to the Company.

### **7.5 Accommodation & Messing**

- The Company will supply Contractor personnel with accommodation & messing in support of works execution.

### **7.6 Emergency Response & Medical Treatment**

- The Company will provide to the Contractor full Emergency Response support and capability to manage and respond to Site incidents and emergencies.
- The Company will provide Contractor personnel with medical / first-aid treatment at the Site's Medic Facility.

### **7.7 Works Materials & Consumables**

The Principal will supply the following materials and consumables:

- Relevant poly-pipe, fittings, and consumables to the required engineering specification for process water and slurry pipeline extensions for tie-in to the DMU as part of the unit's relocation schedule.
- Supply dust suppression polymer / stabilisers, if required.
- Supply general works maintenance related materials, equipment, and consumables including:

- HPDE liner material.
- Access to an extrusion welder for undertaking HDPE liner repairs.
- General materials and consumables required for fencing repairs and general maintenance to Site infrastructure.

## **7.8 Principal Supplied Equipment**

The Principal has purchased an extrusion welding unit, manufacturer and model, Weldy HT1600. This unit will be made available to the Contractor for undertaking repairs to HDPE liners.

## **8. Contractor Site Visit**

The Principal at its sole discretion may arrange for a site visit to allow Tenderers to inspect the proposed work areas as outlined in the scope, including the proposed Site location for Contractor temporary facilities set-up, as well as Thunderbird's onsite facilities and amenities. The visit will also allow any queries from Tenderers to be recorded, with timely responses and/or clarifications provided by the Principal in writing.

## **9. Works Battery Limits**

Typically excluded from this scope are the following which are currently being managed by an existing Contracting Partner:

- TAR 150 to 30,000.
- VAR Ch 0 to 3000.

However, as previously mentioned, if directed by the Principal, the Contractor may be asked to support other road maintenance activities which may include undertaking road works specifically related to the Thunderbird Access Road (TAR) and/or Village Access Road (VAR).

## **10. Standards, Codes & Regulations**

All aspects of the Scope of Works shall comply with all relevant Government Acts and Regulations having jurisdiction over them.

### **10.1 Statutory Requirements**

The relevant Acts and regulations that apply include, but are not limited to, the following:

- Work Health and Safety Act 2020.
- Work Health and Safety (Mines) Regulations 2022.
- Mines Safety and Inspection Act 1994.
- Mines Safety and Inspection Regulations 1995.
- Department of Mines, Industry Regulation and Safety, Dangerous Goods Safety Act 2004, and Dangerous Goods Safety (General) Regulations 2007.
- Department of Mines, Industry Regulation and Safety, Resources Safety, Traffic management audit – guide 2016.
- Government of Western Australia Department of Health Acts, Regulations and supporting guidelines.
- Department of Mines, Industry Regulation and Safety, Resources Safety, WA Electrical Requirements (WAER) 2023.
- Western Australian Fire and Emergency Services Authority (FESA), Fire and Emergency Services Regulations 1998.
- Local government by-laws and regulations.

All Contractor Works shall be completed by, and under the direction of, suitably licenced / certified personnel.

## **11. Permits, Licenses and Approvals**

The Contractor shall arrange, obtain, pay for, and submit to the Company all permits, certificates, licenses, registrations, and approvals as may be applicable for the Works under the Contract.

Furthermore, the Contractor shall include in its tender bid all costs pertaining to Indemnity Insurance Certificates.

## **12. Health and Safety**

KMS recognises that Health and Safety (H&S) management is an integral component of operations at Thunderbird. Contractors and Suppliers are therefore required to abide by WA state Acts, Legislation and Regulations as well as fulfil H&S requirements as outlined in Thunderbird's Mine Safety Management System (MSMS).

## **12.1 General Requirements**

- Adhere to all Company HSET standards, management plans, policies, procedures, as well as WA mine site legislation.
- Ensure the proper disposal of waste materials and chemicals in accordance with Thunderbird's documented environmental practices, policies, plans, and procedures.

## **12.2 Operational Risk Assessment Workshop & Risk Register**

The contractor is to formally prepare a site-specific Works hazards and risk assessment in a suitable format, that adequately identifies and provides detail as to corrective measures and controls that will be implemented to manage each hazard and risk as part of their RFT submission.

- The Contractor shall schedule and facilitate a review of their site-specific risk assessment at an Operational Risk Assessment Workshop (ORAW) involving key members of their team as well as select members of the Principal's stakeholder team prior to the commencement of Works. The purpose of this is to identify all Works related hazards and critical risks / risks to ensure effective controls are put in place.
- A risk register inclusive of control measures is to be documented by the Contractor for review and approval by the Principal prior to the commencement of Works.
- The Contractor shall maintain the operational risk assessment document throughout the performance of the Works and in accordance with site documentation, including, but not limited to, TOPL's Mine Safety Management Plan (MSMP) and Environmental Management Plan (EMP).
- The Contractor's site-specific Risk Assessment (RA) shall be reviewed by the Contractor periodically to ensure its accuracy and completeness.

## **12.3 Contractor Health & Safety Management Plan**

Within 14 days of the Date of Agreement and prior to mobilisation to Site, the Contractor shall develop and submit to the Company for approval a written comprehensive site-specific Health and Safety Management Plan (HSMP) which should comply with:

- Site safety requirements.
- MRWA specifications and guidelines.
- Thunderbird's Mine Safety Management System (MSMS) and Mine Safety Management Plan (MSMP).

The Company's approval of the Contractor's HSMP shall not relieve the Contractor of its responsibilities to comply fully with the state of Western Australia's Health and Safety Laws, Acts and Regulations.

## **12.4 Contractor Mobilisation Traffic Management Plan**

Within 14 days of Date of Agreement and prior to mobilisation to Site, the Contractor shall develop and submit to the Company for approval a written comprehensive Traffic Management Plan (TMP) incorporating a Safe Work Procedure (SWP) inclusive of an interface management procedure and protocols for all aspects of the Work as outlined.

The TMP shall address the transportation and delivery of all Contractor supplied items to Site. The Contractor must ensure that the TMP remains current and accurate throughout the performance of the Work. The Contractor must provide a minimum of 72 hours' notice and seek approval by the Principal prior to undertaking any change to existing conditions.

## **12.5 General Site Induction & Orientation**

It is a prerequisite that Contractor personnel (which may include direct, indirect, management, supervision, administration, representatives, subcontractors, consultants or similar) entering Site complete and/or submit the following:

- Site Access Request Form.
- Medical Declaration Form.
- Pre-employment medical to the satisfaction of the Company.
- The Contractor shall arrange and be responsible for the costs associated with pre- and post-employment medical examinations for all Contractor personnel entering / permanently demobilising from Site.
- Results of the medical examinations must be submitted to the Company. The Company, at its sole discretion, will approve or refuse Site access to any Contractor Personnel, or alternatively, may request additional medical examinations prior to determining Site access privileges.

All Contractor personnel performing works onsite shall firstly complete a Company approved Site induction and orientation program.

Notwithstanding the above, Contractor Personnel visiting Site for a period not exceeding five days will not be required to complete a Company approved full Site induction and orientation program, provided that they complete a Visitor's Induction and are accompanied at all times whilst onsite by a member of the Contractor's team who has completed the Company approved full Site Induction and orientation program.

## **12.6 Contractor Safety & Environmental Representative**

The Contractor shall appoint a Health, Safety & Environment (HSE) representative. The Contractor's HSE representative(s) shall be responsible for:

- Initiating and maintaining the Contractor's safety program, ensuring that Site safety requirements and procedures are being complied with;
- Conducting facility and work area safety inspections as well as field interactions / inspections of Works being performed by Contractor personnel.
- Scheduling Contractor Daily Pre-Start Meetings and Weekly Safety Toolbox meetings with Contractor / Subcontractor personnel.
- Submitting a weekly report to the Company documenting safety activities and initiatives.
- Assisting in the preparation of Contractor KPI reporting as agreed to by both the Company and Contractor in advance.

- Report all incidents and near misses to the Company via approved channels. There may also be a requirement for Contracting personnel to assist Company Safety Representatives undertake incident / ICAM investigations.

The Contractor's proposed HSE representative/s shall be subject to approval by the Company. These position(s) are considered critical positions in accordance with the Agreement.

The Contractor's HSE representative(s) shall also be responsible for a continuing survey of the Contractor's operations, to ensure that the probable causes of injury or accident are adequately managed and that operating equipment, tools, and facilities are being operated, inspected, and maintained as required by applicable health, safety, and environmental regulations.

Moreover, the Contractor's HSE representative(s) shall be responsible for coordinating the Health, Safety and Environmental Management of the Contractor's Works, ensuring that Site health, safety and environmental requirements, procedures, plans, and policies are adhered to.

To be included in the Contractors Weekly Report submission to the Principal, should be details documenting any health and safety concerns, incidents, and any notable environmental activities undertaken during the period.

As part of the Contractor's Health and Safety and Environmental Management Plans, the Contractor must identify and provide appropriate resourcing allocations to support the above requirements.

## **12.7 HSE Violations**

- The Contractor shall maintain, and require its Subcontractors to maintain, accurate incident and accident reports.
- The Contractor shall provide to the Company a copy of all incident reports, including reporting made to government agencies and/or departments, and insurance companies relating to any incident, accident, or injury that has occurred pertaining to the Contractor's performance of the Works.

## **12.8 Training Requirements and Contractor Employee Competencies**

- The Contractor must ensure that Contractor's personnel receive an appropriate level of training in terms of frequency (refresher training) and content in relation to safety, protection of the environment, and all other matters relevant to the provision of services relevant to the Works.
- All Contractor personnel mobilised to site must possess the skills, knowledge, recognised competencies, and demonstrated competence to conduct the activities they are employed to perform.
- The Contractor must have an appropriate system in place that documents the competencies of each of their personnel e.g., Training & Certification Matrix, that records evidence and relevant details pursuant to an employee's Verification of Competency (VoC) status.
- The Contractor must make Contractor personnel available as required by the Company's Representative/s to attend relevant mandatory training courses as conducted by the Company from time to time.

- All Contractor personnel entering Site will be required to complete the general Site Induction and Site orientation program, and possibly, work area specific inductions (as required).
- All Contractor personnel undertaking high-risk work shall be certified to undertake those activities as verified by a Company nominated Health & Safety Representative and/or delegate.
- The Company requests that the Contractor plans reservations for training requirements with sufficient notice to accommodate Contractor personnel mandatory and supplementary training requirements as deemed necessary by the HSET team.
- The Contractor shall be responsible for ensuring all personnel entering an active work area / zone undergo an appropriate area specific induction prior to entry being granted.
- The Company will provide training for Working at Heights for all Contractor personnel who will be required to complete tasks outside the confines of scaffold.

The Principal reserves the right to audit these records and systems to ensure compliance and Site requirements are being met.

## **12.9 Site Security**

- The Contractor shall at all times comply with site security rules and regulations set forth by the Company in relation to Contractor and Subcontractor personnel.
- The Contractor is responsible for the security of its personnel, as well as Contractor supplied equipment, materials, and consumables under its custody and control.
- The Contractor shall ensure as is reasonably practical, that its facilities, vehicles, storage areas, plant equipment, laydown areas, stores and work areas are protected and secured to prevent damage, loss, or theft.

## **12.10 Personnel ID Badges**

- The Contractor's personnel will be issued with personnel identification badges (IDs) after successful completion of both the Company's Site Induction and onsite driving VoC.
- Personnel ID Badges must be worn and clearly displayed at all times whilst on Site, which is also a requirement for entry / exit at Thunderbird.
- On completion of the Works, the Contractor is responsible for the return of Company property including ID Badges, including those that may have been issued to Subcontractors, within 48 hours of the Contractor's / Subcontractor's personnel demobilising permanently from Site.

### **12.11 Safety Data Sheets**

The Contractor shall submit to the Company, prior to transportation to Site, Safety Data (SDS) sheets for all materials for which manufacturers provide such data.

The Contractor shall identify and disclose all hazardous materials which shall be received and/or stored on Site to the Company, including those materials for which manufacturers do not provide SDSs. Hazardous materials, generally as listed below, are defined as those materials declared to be hazardous by the Government of Western Australia Dangerous Goods Safety Act and Regulations. Details of hazardous materials associated with the Contractor's delivery of the Works should be documented in the Contractor's EMP.

Dangerous goods / substances may include, but not be limited to, the following material types:

- Explosive.
- Flammable.
- Reactive.
- Toxic.
- Corrosive.

## **13. Environmental Management Requirements**

KMS recognises that Environmental management and stewardship is an integral part of the Company's environmental licence to operate.

Contractors / Subcontractors / Suppliers are therefore required to:

- Assess and manage environmental risks.
- Comply with regulatory and Site approval and permitting requirements e.g. Permit to Work.
- Comply with and implement Operating Principal Requirements as amended from time to time, including plans, procedures, work instructions etc.
- Facilitate training and awareness opportunities for personnel.
- Thoroughly investigate environmental incidents and implement corrective actions.
- Undertake environmental monitoring and reporting where required or as requested by the Principal.
- Submit the required environmental information to meet environmental data reporting requirements.
- Audit and inspect Contractor environmental performance.

### **13.1 Contractor's Environmental Management Plan**

Within 14 days of Date of Agreement and prior to mobilisation to Site, the Contractor shall develop and submit to the Company for approval a written comprehensive site-specific Environmental Management Plan (EMP), detailing all aspects of the Contractor's Site operations, and which shall, as a minimum, strictly comply with the environmental requirements set forth in Thunderbird's EMP.

### **13.2 Contractor's Obligations**

The Company may direct that the standards contained in the Agreement be varied and the Contractor shall modify its operation as required to comply with such changed standards.

The Contractor shall ensure that all persons engaged in performing Work under the Agreement are fully aware of and comply with the requirements at the Site in relation to environmental protection and conservation.

### **13.3 Heritage Sites**

The Contractor acknowledges that during the performance of the Work it may encounter heritage sites or artefacts, which are protected. If the Contractor suspects it has discovered a heritage site or artefact it must immediately stop the Work in the area and report the finding to the Company's Environmental team for assessment and advice.

### **13.4 Failure to Effect Environmental Activities**

Should the Contractor fail to affect the implementation of any of the environmental management activities required by Thunderbird's Environmental Management Plan or Contractor's Environmental Management Plan after having received written notice to do so, the Company shall have the right, without further notice to the Contractor, to perform, or cause to be performed by others, such activity on behalf of, at the risk of, and at the expense of the Contractor. The Company shall promptly be reimbursed for performance of the activity.

#### **13.4.1 Contractor Incurred Costs**

In the event that the Contractor or any of its personnel, subcontractors, agents, consultants or visitors breach any of the statutory requirements or standards for environmental protection contained in the Agreement, and as a result of such breach, work is required to be carried out to remedy the effect of such breach or in the event of claims being made by any government or local authority or private landowner or other party in respect of any such breach, all costs arising from such work or claims shall be borne by the Contractor.

## **14. Employee Industrial Relations**

The Contractor must advise the Company immediately of any work stoppages, bans, limitations on work or other industrial relations difficulties affecting:

- a) or which may affect the Contractor or the performance of the Works, and must keep the Company fully informed of any dispute with Contractor Personnel; or
- b) any union, or any demand for wages or conditions in excess of or outside of the scope of current and applicable agreements or awards.

### **14.1 Contractor to Take Steps**

The Contractor must keep the Company fully informed of any demarcation problem or dispute that arises amongst the Contractor's personnel or between the Contractor's personnel and the Company's personnel or any other person or group of persons.

If industrial relations difficulties of any kind develop that are the result of the existence of any subcontract or a Subcontractor of the Contractor, which the Company considers to be detrimental

to either the progress of the Works as a whole or the Contractor's or Company's operations, the Contractor must at the direction of the Company immediately terminate that subcontract and make other arrangements to perform the obligations under the Agreement which are the subject matter of that subcontract, without in either case the Company being liable for nor the Contractor being entitled to any compensation or payment by reason of doing so.

## **14.2 Contractor's Drug & Alcohol Policy**

Within 14 days of Date of Agreement and prior to mobilisation to the Site, the Contractor shall submit to the Company for approval a written comprehensive Drug and Alcohol Policy, which shall, as a minimum, strictly comply at all times with Thunderbird's health and safety requirements.

Further to the Company's review and acceptance of the policy, the Contractor shall implement this policy and ensure that all of its personnel and Subcontractors act in strict accordance with the Company's approved drug and alcohol policy.

The Contractor acknowledges that the Thunderbird Operation has its own policy prohibiting the use, sale, transfer, purchase, or possession of a controlled substance (i.e. illegal drugs), alcohol, or firearms while on Site.

Furthermore, the Contractor acknowledges that the Company has a drug-free workplace policy that prohibits any person working on the Company's premises from having alcohol or controlled substances in such individual's system.

At the request of the Company, the Contractor shall immediately remove from the Site and/or Village any of its personnel or Subcontractor's personnel that the Company determines, in its sole, absolute, and unreviewable discretion, pose a danger to the safety or health of those around them (including but not limited to an individual's abuse of alcohol or illicit drugs) or are otherwise unfit or incompetent to perform the Work.

## **15. Project Management & Administration**

### **15.1 Project Management, Resourcing & Supervision**

The Contractor is responsible for the provision of all project management activities, including the scheduling of Works in accordance with the Agreement. This includes, but is not limited to the following:

- Management and coordination of all Contractor and Subcontractor interfaces, activities, progress and KPI reporting.
- Procurement, expediting, transport, delivery, off-loading and storage of all materials and equipment unless supplied and free issued by the Principal.

The level of Site Works supervision and span of control must consider the hazards likely to be encountered, personnel exposure to those hazards, and the level of personnel competence for the activities being performed.

Project management, supervision and labour resourcing must be indicated by the Contractor in a labour / resourcing histogram which is to be provided to the Company prior to personnel mobilisation to Site.

## **15.2 Mobilisation & Demobilisation**

The Contractor will be responsible for all costs associated with mobilising personnel and equipment to and from Site in line with both the approved Contractor supplied manning histogram and proposed equipment listing.

## **15.3 Contractor Personnel Flights**

The Contractor is responsible for all costs associated with personnel mobilisation to and from Site, inclusive of the costs of flights if required.

## **15.4 Accommodation & Messing**

Site messing and accommodation (single ensuited rooms) for the Contractor's workforce for the agreed manning histogram, inclusive of all support services and facilities including access to broadband internet connection, shall be free issued by the Company.

## **15.5 Contractor Workforce Roster**

Contractor personnel shall perform work for no more than 13 days straight with the 14th day required to be an RDO if the swing is longer than 14 days.

## **15.6 Contractor Hours of Work**

A working day is not to exceed 12 hours per day, inclusive of break times.

## **16. Reporting and Meetings**

The Contractor shall actively engage in regular and detailed formal and informal communications with the Principal and key Site stakeholders. Meetings shall be scheduled and minuted to meet program project management reporting requirements.

### **16.1 Contractor / Principal Management Meetings**

Contractor management shall meet with the Contract owner's team to discuss Contractor performance and works delivery inclusive of a discussion of planned works and schedule, as well as any issues / concerns that the collective team may wish to raise at a frequency to be agreed by both the Company and the Contractor.

### **16.2 Daily Contractor Pre-Start Meetings**

The Contractor will be required to implement daily workforce pre-start meetings to address any safety concerns inclusive of the communication of Site Notices that may impact the days' works program and/or schedule.

Daily Pre-Start Meetings play a crucial role in promoting coordination, safety, efficiency, and collaboration within the Contractor's team, contributing to the successful execution of program activities.

The purpose of Contractor daily pre-start meetings is primarily to:

- **Ensure Alignment:** Gather all team members to align on the day's objectives, tasks, and priorities, ensuring all involved are on the same page regarding program goals and timelines.
- **Coordinate Activities:** Discuss and coordinate the day's activities, including task assignments, equipment needs, and resource allocation, to optimise workflow and productivity.
- **Address Safety Concerns:** Review safety protocols, job-specific hazards, and any specific safety concerns for the day's tasks. In doing so, this will create a quality safety culture whereby personnel are held directly accountable for their own safety and well as the safety of those working with or in the vicinity of their work site.
- **Problem Identification & Resolution:** Identify any potential challenges, obstacles, or issues that may arise during the day's work program and develop strategies to address them proactively, minimising potential work disruptions and/or delays.
- **Communication & Collaboration:** Provide a forum for safe, open communication and collaboration between Contractor management and personnel, fostering teamwork, the sharing of information, and encouraging problem solving.
- **Quality Assurance:** Review quality standards and expectations for the day's work, ensuring that deliverables meet or exceed requirements and that focus is maintained on delivering high quality work outputs.
- **Progress Tracking:** Track progress on ongoing tasks, milestones, and deadlines, enabling the team to monitor performance and adjust plans to ensure Works remain on schedule.
- **Feedback & Continuous Improvement:** Solicit feedback from Contractor personnel on previous work, processes, and areas for improvement, fostering a culture of continuous learning and refinement.

### 16.3 Weekly Safety Toolbox Meetings

Mine Site Safety Toolbox Meetings serve as a crucial forum for promoting a culture of safety, addressing safety concerns, and empowering workers to actively contribute to maintain a safe and healthy work environment.

The purpose of Safety Toolbox Meetings is primarily to:

**Promote Safety Awareness:** Reinforce the importance of safety among personnel and emphasise the importance of conducting work safely ensuring everyone's well-being with the aim of preventing accidents or injuries.

**Review Safety Procedures & Protocols:** Discuss and review safety procedures, protocols, and best practices relevant to the specific tasks and conditions present at the Mine Site / Work Area, ensuring that all workers are aware of and understand all safety requirements.

**Hazards Identification:** Identify and assess potential hazards and risks associated with pending work activities or specific work areas, including but not limited to, machinery, equipment, environmental conditions, and geographical factors.

**Mitigate Risks:** Develop strategies and measures to mitigate identified hazards and risks, including implementing engineering controls, administrative controls, and the use of personal protective equipment (PPE) as per the Hierarchy of Controls to minimise the likelihood of accidents and injuries.

**Discuss Near Miss Incidents:** Share information about any recent near miss, incidents, or accidents that have occurred at the Mine Site or job front, discussing lessons learned and implementing corrective actions to prevent similar incidents in the future.

**Emergency Preparedness:** Review emergency procedures and response plans, ensuring that all personnel know what to do in the event of an emergency such as fire, explosion, or evacuation, and conduct drills or simulations as needed to practice responses.

**Promote Reporting & Communication:** Encourage workers to report any safety concerns, hazards, or incidents they encounter during their work, fostering a culture of open communication and proactive hazard and risk identification.

**Training & Education:** Provide training and education on specific safety topics, including Principal communicated safety bulletins, notices, and training materials.

**Compliance & Regulations:** Ensure compliance with all relevant Government safety legislation, regulations, standards, and guidelines established by regulatory bodies.

## 17. Records Management

The Contractor shall develop a comprehensive Records Management Plan (RMP) outlining how records will be managed throughout the duration of the Works. The RMP should include details on record creation, capture, storage, retrieval, retention, and disposal processes.

The Contractor shall conduct regular audits to ensure compliance with the Contractor's RMP, as well as adherence to relevant laws and regulations.

## 18. Identification and Protection of Services

The Contractor shall be responsible for:

- The identification and protection of all equipment and services.
- Contacting the Company when works are required to be performed in the vicinity of existing Site services, and request instruction on how to proceed, e.g. a Permit to Work may be required.
- Notify the Company of any services encountered during the course of conducting the Works. These services will need to be surveyed and marked on As-Built drawings by the Principal.

## 19. RFT & Award Process Implementation Timetable

KMS's proposed timelines for the Request for Tender (RFT) and award process are outlined in Table 2.

The Contractor shall submit an implementation timetable to demonstrate how it will meet Thunderbird's requirements for commencement of the Works Agreement by the 29<sup>th</sup> of July 2024.

**Table 2: RFT and Award Timetable**

Activity No.	Activity	Target Date
1.	Prepare Tender Pack	09-May-24
2.	Invitation to Tender issued with RFT (Issue to JBAC concurrently)	16-May-24
3.	Briefing with potential Tenderers	23-May-24
4.	Closing date for Technical & Commercial clarifications	6-June-24
5.	Responses by KMS to Tenderer Clarifications	13-June-24
6.	Closing date for RFP Proposal Submission	23-May-24
7.	Tenderer shortlisting	30-May-24
8.	Further Clarifications (if any)	6-June-24
9.	Closing date for submission of BAFO (Best-and-Final-Offer if required)	13-June-24
10.	Tenderer Bid Evaluations Complete	27-Jun-24
11.	Submit RFA (Recommendation for Award) to Authorised KMS Delegate for approval	4-July-24
12.	KMS Delegate Approval	9-July-24
13.	Notification of Award to the Successful Proponent	16-Jul-24
14.	Award Contract	25-Jul-24
15.	Commence Procurement / Construction / Works / Services / Mobilisation to Site etc	29-Jul-24

## 20. Local Content and Native Title Stakeholders

The Kimberley Aboriginal community represents approximately 20% of Western Australia Aboriginal population and 41% of the Kimberley population. KMS is committed to the employment and capacity building of the Traditional Owner groups and local Indigenous people. The Traditional Owner groups associated with KMS are Joombarn-Buru (where Native Title determination exist over the Project's main mining lease), Nyikina Mangala (aka Walalakoo) and Yawuru groups (**Native Title Stakeholders**).

### 20.1 Native Title Stakeholders & Traditional Owner Businesses

KMS has a firm belief that income earned through employment at Thunderbird should stay within and benefit the local region. Thunderbird can help transform the community through the creation of permanent and indirect local jobs with our Contracting Partners, providing income that will support local families, business, cultural values, and lifestyle. The longevity of Thunderbird and resulting security of employment and inter-generational employment is an attractive aspect of the Thunderbird Operation to the local community.

KMS will engage with all Contractors and other vendors to ensure employment and business opportunities are maximised from the Kimberley region where requisite capability is available or where it can be developed appropriately.

Traditional Owner Businesses must:

- Be verified as a registered Native Title Stakeholder for the land on which Thunderbird is operated.
- Provide evidence of establishment as a Traditional Owner Business or Entity, which generally means a corporation, partnership, or joint venture in which a Native Title Stakeholder has an interest of at least 50% of the profits, capital, or control of the business.
- Submit up-to-date business capability statements.

## 21. Request for Tender Submission Requirements

The Contractor is requested to provide as much detail as possible to accommodate the Principal's request for information as part of the Request for Tender (RFT) process, the details of which are required to be sufficiently addressed as part of the Tenderer's proposed solution.

Details relevant to the assessment of Tenderer capability and are which are sought by the Principal requiring particular consideration by the Contractor are outlined below.

The Contractor shall as a minimum provide the following organisational information with the bid.

1. Health and Safety Management Plan (HSMP).
2. Environmental Management Plan (EMP).
3. Drug & Alcohol Policy.
4. Records Management Plan (RMP).
5. Traffic Management Plan (TMP).

6. Site-specific Risk Assessment.
7. Track record and relevant experience (Capability Statement).
8. Proposed solution, including preliminary operational method statements.
9. Manning histogram.
10. Proposed equipment list.
11. Tender pricing.
12. Basis of Offer (refer to section 22).
13. List of deviations from the Scope.

## **22. Basis of Offer**

Discussion with the Commercial Team is likely to be required in order to seek additional scope, technical, and/or commercial clarifications.

The Principal requests that the Contractor details out pricing to be structured in a manner that where appropriate enables:

- Scope of Work areas to be priced individually, to enable comparison between Tenderer submissions.
- Identify of any scope assumptions made.
- Provide notes on any allowances / contingencies assumed / allowed for.

## 23. Company Supplied Documents

Presented in Table 3 is a schedule of Company supplied documents for reference by the Contractor.

**Table 3: Schedule of Company Supplied Documents**

Document Title	Document Number	Revision No.
Bioremediation Pad & Sampling Procedure	TOPL-ENV-PRO-901	3
Daily Workplace Inspection Form	TOPL-SAF-FRM-006_1	1
Drinking Water Sampling Procedure	TOPL-OPS-ENV-PRO-0002	0
Environmental Management Plan	TOPL EMP_v1_Oct21	1
Generator-Lighting Tower Prestart	TOPL-SAF-FRM-020_2	2
KMS Sustainability Policy		
Landfill Procedure	TOPL-ENV-PRO-907	2
Medical Declaration Form	TOPL-OPS-SAF-FRM-0046	0
Mine Safety Management Plan	TOPL-OPS-SAF-PLN-0001_1	1
Pre-Employment Medicals Approvals Procedure	TOPL-OPS-SAF-PRO-0018	0
Pre-Employment Medical Form	TOPL-OPS-SAF-FRM-0043	0
Site Access Request Form	TOPL-OPS-ADM-FRM-0001	0
Site Entry Procedure	TOPL-OPS-SAF-PRO-0016	0
Thunderbird Accommodation Village Rules	TOPL-SAF-FRM-028_C	C
Thunderbird Operations Escalation Matrix	TOPL-OPS-SAF-MAT-0001	0

## Appendix A     Select Work Area Images



**Figure 2: Landfill Cell Construction**



**Figure 3: Fenced Landfill Facility**



**Figure 4: In Use Landfill Facility**



**Figure 5: Image of a Typical Borefield Pad (1)**



**Figure 6: Image of a Typical Borefield Pad (2)**



**Figure 7: Borefield Access Tracks (1)**



**Figure 8: Borefield Access Tracks (2)**



**Figure 9: Borefield Access Tracks (3)**



**Figure 10: Borefield Access Tracks (4)**



**Figure 11: Firebreak Maintenance (1)**



**Figure 12: Firebreak Maintenance (2)**



**Figure 13: Firebreak Maintenance (3)**



**Figure 14: Firebreak Maintenance (4)**



**Figure 15: Bioremediation Pad**



**Figure 16: Process Water HDPE Liner Requiring Repairs**

## Appendix B Maps of Firebreaks & Access Tracks

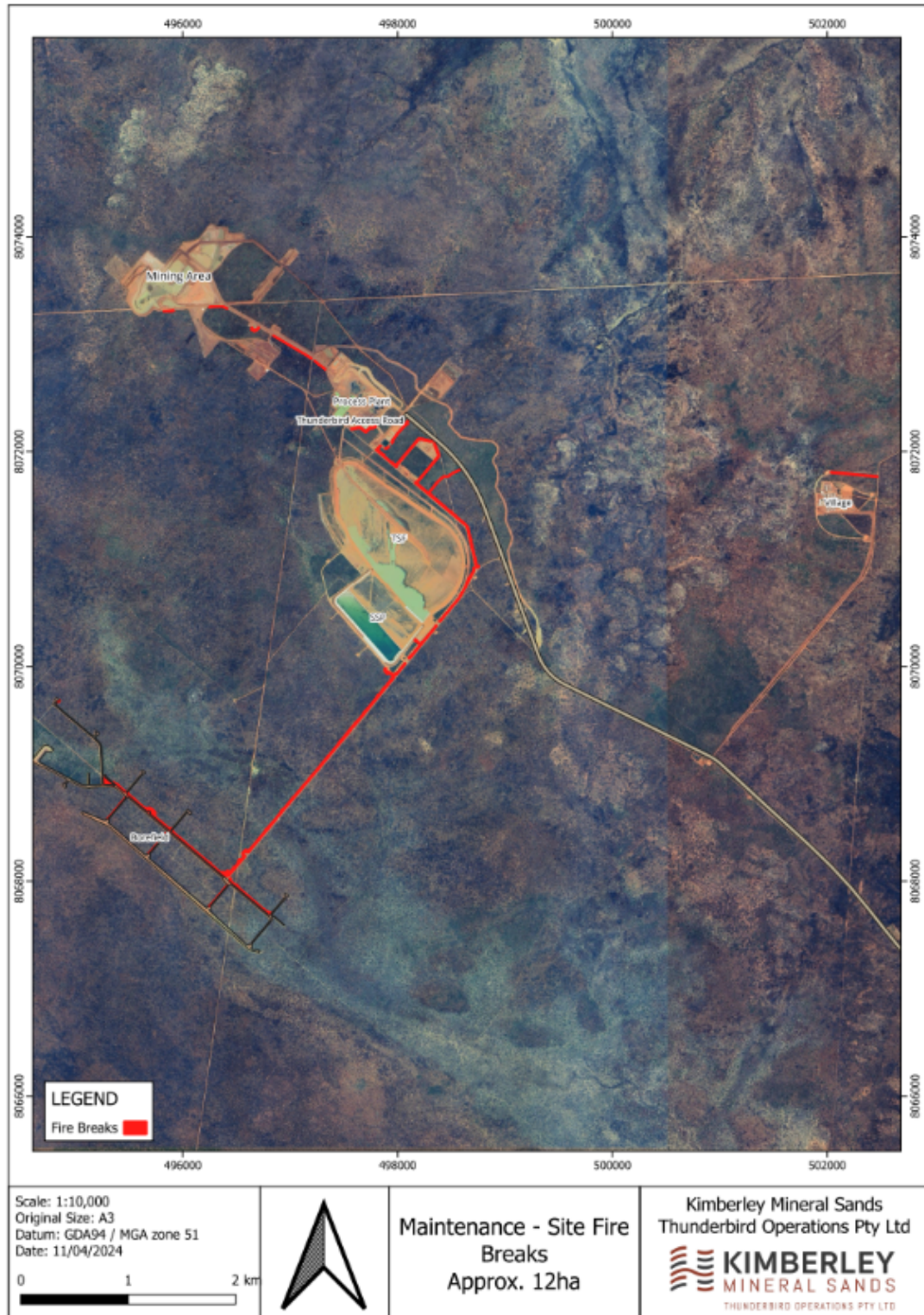
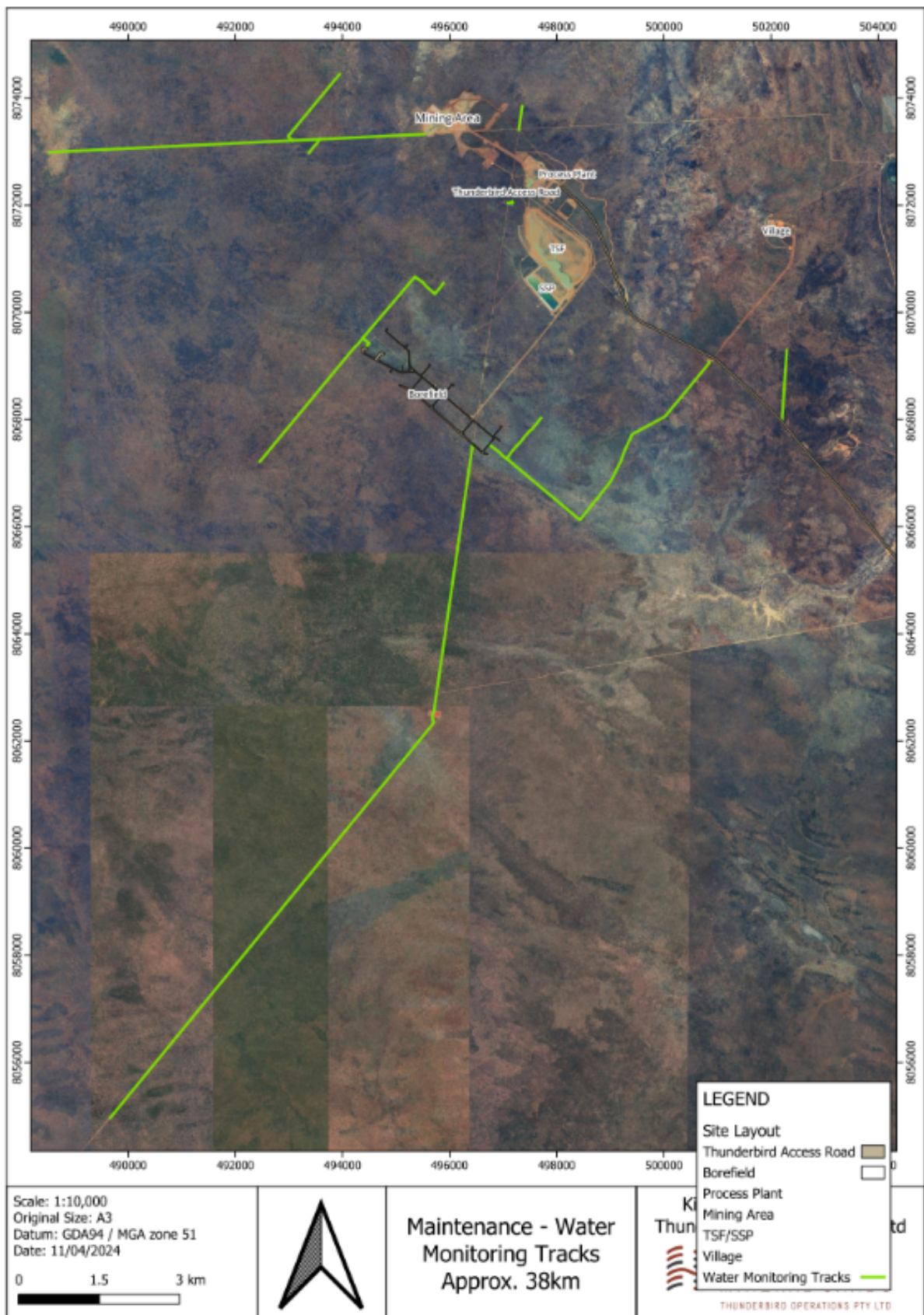


Figure 17: Maintenance of Site Fire Breaks Approx. 12ha



**Figure 18: Maintenance of Water Monitoring Access Tracks Approx. 38km**

## Appendix C Internal Mine Access Roads

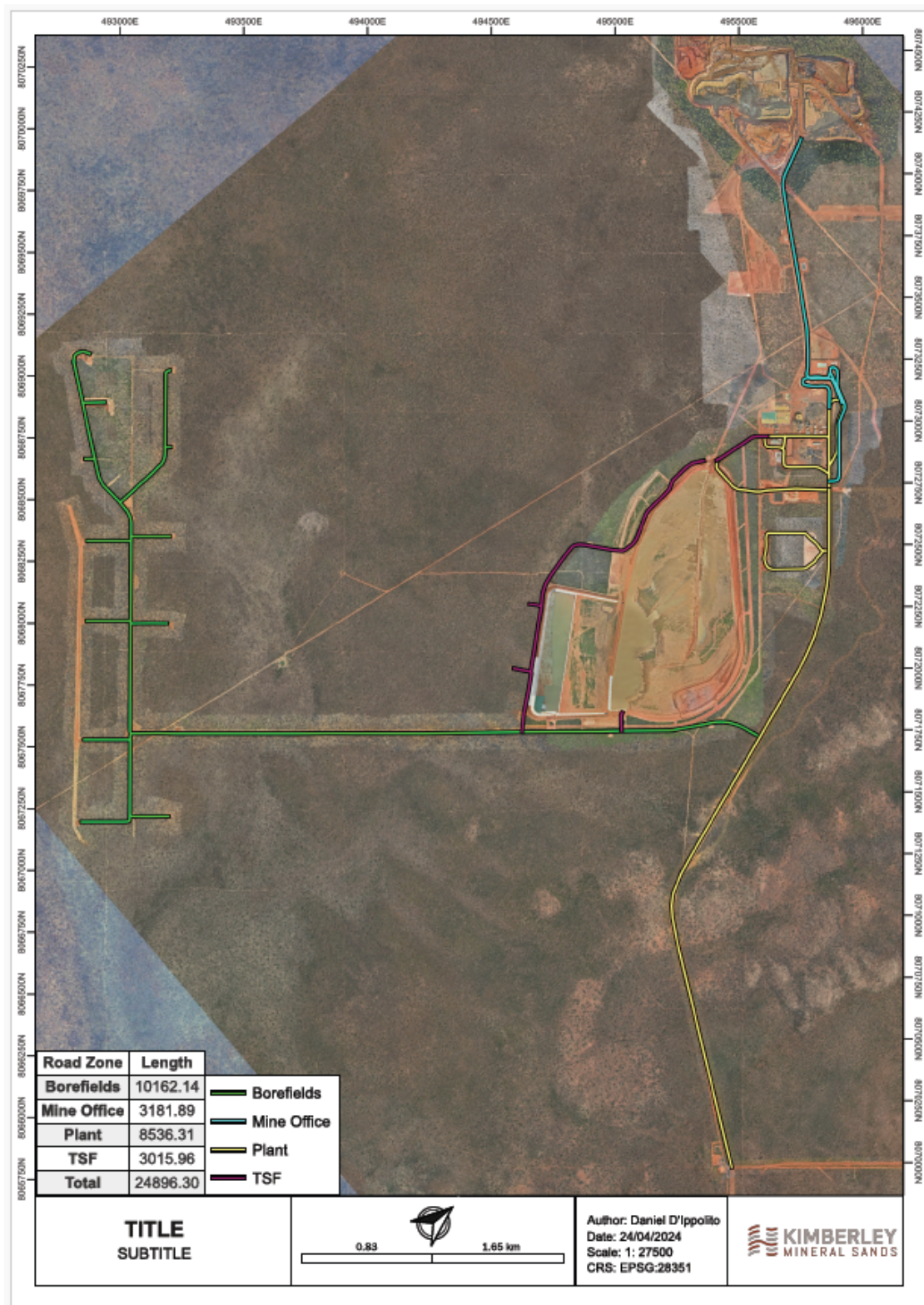


Figure 19: Map of Mine Site Internal Access Roads

## Appendix D Site Location for Contractor Facilities



Figure 20: Proposed Location for the Establishment of Contractor Facilities