# Karara Mining Limited

## Scope of Work for the Provision of Mechanical Maintenance and Repair Services for Conveyors

08 August 2024

ITT-2023-778

KARARA
MINING LIMITED

# SYNOPSIS

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**ITT-2023-778 – PROVISION OF MECHANICAL MAINTENANCE AND REPAIR SERVICES FOR CONVEYORS**

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# 1. INTRODUCTION

This document is the Scope of Work forming part of the Contract to perform mechanical maintenance and repair services to the conveyor systems, including conveyors, belt feeders and stackers for both dry and wet plant, at the Company's site processing plant.

The work is located at Karara mine site in the Shire of Perenjori, the Midwest region of Western Australia. It is approximately 320 km north-north-east of Perth and 225 km east of Geraldton (Figure 1).

Access to the site from Geraldton is via the Geraldton-Mount Magnet Road to Mullewa, the Mullewa-Wubin Road to Koolanooka and then via a 60Km long, graded, unsealed track to the site. Access to the site from Perth or Fremantle is via the Great Northern Highway to Wubin, the Mullewa-Wubin Road to Koolanooka and then via a 60Km long, graded, unsealed track to the site.

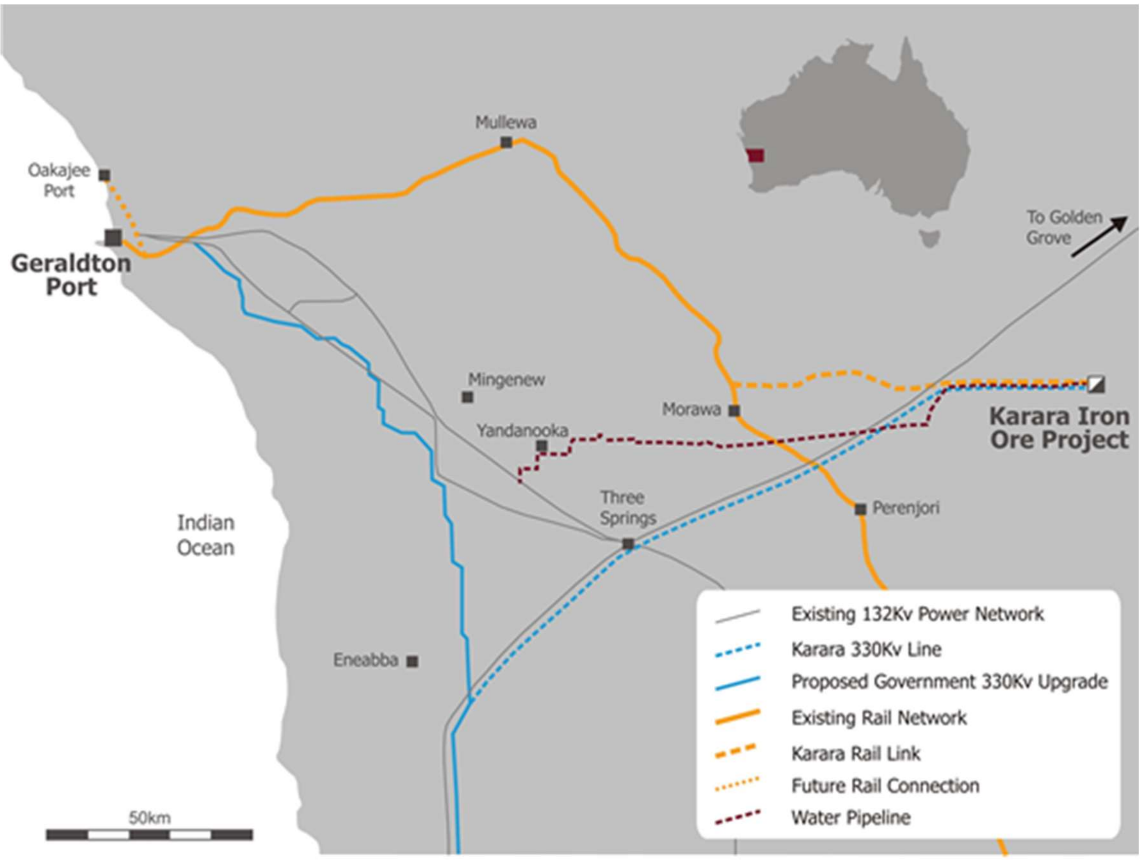


**Figure 1: Location of Karara Mine Site**

## 1.1 Karara Mine Site

The Company has completed construction and commissioning of Stage 1 of the project (Base Plant) and reached its designed capacity of producing 8Mtpa of Magnetite since late 2016.

Karara Mine Plan


Figure 2 – Layout of Mine Site

## 2. GLOSSARY

Wherever the words "Company, Purchaser or Buyer" are used, it shall mean Karara Mining Limited.

Wherever the words "Contractor, Supplier" are used it shall mean the service provider so named in the Contract (and its successors and permitted assigns).

Wherever the words "Company's Representative, Purchaser's Representative or Buyer's Representative" are used, it shall mean the person so named in the Contract (and its successors and permitted assigns).

| Term | Definition |
|---|---|
| Contract | The agreement between the Company and the Contractor to which this Scope of Work pertains. |
| Plant and Equipment | The Company's plant and equipment that the Contractor shall inspect, maintain and repair in this Scope of Work, including plant and equipment, pipework and valves, steelworks. |
| HSEC | Health, Safety, Environment and Community |
| KIOP | Karara Iron Ore Project |
| Company, KML | Karara Mining Limited |
| Mine site, Site | The location of the KIOP mine at Karara in the Mid-West Region of Western Australia, approximately 215 km East of Geraldton and 320 km North-North East of Perth. |
| SOW | Scope of Work |
| Services | All the works the Contractor is to perform under the Contract. |
| Work | The supply of Services. |
| The Works | Means the whole of the Work to be carried out under the Contract. |

| Term | Definition |
|---|---|
| CMMS | Computerized Maintenance Management System |
| Downtime | Downtime of the Plant and Equipment other than planned Shutdown, including breakdown and planned shutdown overrun |
| MST | Maintenance Scheduled Task |
| PM | Preventative Maintenance |
| Maintenance | Inspect, maintain, repair and replace the servicing Plant and Equipment and its components |
| DJP | Detailed Job Plan |
| Conveyors | Conveyors shall mean conveyors, belt feeders and stackers listed in Appendix A of this SOW |
| HSE | Health, Safety and Environment |

## 3. GENERAL CLIMATIC INFORMATION - MEAN WEATHER DATA

The following information is provided as a guide to weather conditions in the Karara Mine Site area.

The nearest Meteorological Station is that of Morowa, Bureau of Meteorology station number 008093. The synoptic station is located at 29.21oS; 116.0089o E. The station elevation is 274m AHD.

The next approximate meteorological station is that of Paynes Find, Bureau of Meteorology station number 007139. The synoptic station is located at 29.27oS; 117.6836o E. The station elevation is 3390m AHD. The indicative average climatic data is listed in the below tables Table 3.1-3.4.

### a. General conditions

| Climate statistic | Annual Value (Morawa) |
|---|---|
| Mean Daily Solar Exposure ( $MJ/m^2$) | 20.7 |
| Mean Number of clear days | 147.4 |
| Mean Number of cloudy days | 65.1 |

**Table 3.1: General Conditions**

### b. Temperature Data

| | |
|---|---|
| Mean Maximum Temperature (°C) | 27.4 |
| Highest Temperature (°C) | 47.8 |
| Mean Minimum Temperature (°C) | 12.4 |
| Lowest Temperature (°C) | -2.2 |

**Table 3.2: Temperature Data**

### c. Rainfall data

| | |
|---|---|
| Mean Rainfall ( mm) | 332.8 |
| Highest Rainfall ( mm) | 580.4 |
| Lowest Rainfall (mm) | 149.1 |
| Highest Daily Rainfall | 120mm |

**Table 3.3: Rainfall Data**

### d. Wind Parameters

| | |
|---|---|
| Mean 9AM Wind Speed ( km/h) | 11.2 |

| | |
|---|---|
| Mean 3 PM Wind Speed (km/h) | 12.9 |

**Table 3.4: Wind Parameters**

# 4. SCOPE OF WORK

## 4.1 Servicing Plant and Equipment

a) Conveyors shall mean conveyors, belt feeders stackers and their associated head chutes and transfer chutes in this SOW herein.

b) The servicing Plant and Equipment in this SOW are listed in Appendix A.

c) The Contractor is responsible for the replacement of all conveyors and feeder belts due to normal wear and tear including the damages due to the Contractor's fault (partial or full liability in maintenance or installation) and these replacements are at the Contractor's cost. Damages sustained outside of these scenarios (G.E.T- Ground Engaging Tooth damages to the belt, etc) will not be covered in this Contract and shall be covered by a labour request at the Company's cost. The conveyors and feeder belts are listed in Appendix A, including the filter buildings' feeder belts.

d) The Contractor is responsible for the provision of mechanical inspection, maintenance and repairs for all the Conveyors in the dry and wet plants of the Company's Site processing plant, including the filter belt feeders for both concentrate filters (4) and tailings filters (10).

e) Maintenance works on conveyors shall include but not be limited to the works on below conveyor components:

(i) conveyor structure, belt feeder travelling rails;

(ii) conveyor belt;

(iii) conveyor pulley;

(iv) tension system of conveyor;

(v) conveyor rollers and roller frames;

(vi) scrapers and ploughs;

(vii) dust collection and suppression system, including dust hood, dust collector and pipelines and water suppression;

(viii) conveyor drive system, including gear box, motor, hydraulic drive and hydraulic station;

(ix) conveyor transfer chutes, including conveyor discharge chute and feed chute;

(x) conveyor hard and soft skirts;

(xi) mechanical section of conveyor protection accessories, including tilt switch, pull wire, drift sensor, rip sensor, etc.

f) The Contractor's servicing Conveyors list in this SOW is tabulated in Appendix A.

g) The Conveyor belt's physical property information is given in Appendix B.

h) The Contractor is responsible for the inspection, repair, servicing and replacement of all Conveyor's components. The maintenance works are set out in Sections 4.2 – 4.8. The battery boundary of the Conveyors is set out in Section 4.10.

### 4.2 Maintenance works category

The Contractor shall perform the following categories of maintenance works on the Conveyors:

a) Planned shutdown maintenance detailed in section 4.3.

b) Breakdown repair and rectification detailed in section 4.4.

c) Online inspection and maintenance detailed in section 4.5.

d) Rotable parts repair / rebuild detailed in section 4.6.

e) Other services detailed in section 4.7.

f) Continuous improvement detailed in section 4.8.

### 4.3 Planned Shutdown Maintenance

a) The Contractor shall complete all the works on the Conveyors that are scheduled in a planned shutdown.

b) For the conveyors in the dry plant with Area Code being 1301, 1302 and 1303, the shutdown maintenance for conveyors will align with the primary crusher '2 Mantles strategy' summarized in Table 4.3.1, with the key characteristics of the shutdowns.

| Shutdown | Offline Conveyors | Duration | No. per year |
|---|---|---|---|
| Category 1 shutdown: Concave shutdown | CV001, CV002, CV003, CV005, CV007, FE006, FE007, FE013 | 140hrs | 6 |
| Category 2 shutdown: OS mantle shutdown | CV001, CV002, CV003, CV005, CV007, FE006, FE007, FE013 | 55hrs | 5 |

Table 4.3.1. Shutdown Strategy for Dry Plant

c) For secondary crusher feeders FE006, FE007 and FE013, the maintenance will align with the secondary crusher rebuild outage. The three (3) MP1000 secondary crushers are designed for two (2) on duty and one (1) on standby. So one of the three secondary crushers can be offline at a time for rebuild. The current secondary crusher rebuild strategy is 300hr rebuild, 900hr rebuild and 5400hr overhaul or as directed by the Company.

d) For the conveyors in the wet plant with Area Code being 1304, 1306, 1314,1315,1318,1319, the shutdown maintenance for conveyors will align either with HPGR inspection and modular shutdown or the Main Plant Outage (MPO) or as directed by the Company.

e) CV009 and FE008 shutdown maintenance will align with CR005 inspection or modular shutdown. CV010 and FE009 shutdown maintenance will align with CR006 inspection or modular shutdown. CV011, CV012, CV020, CV021, CV022, CV041, ST008 and ST009 shutdown maintenance will align with Main Plant Outage (MPO) . The key characteristics of wet plant shutdown is listed in Table 4.3.2.

| Shutdown | Offline Conveyers | Duration | Cycle |
|---|---|---|---|
| Category 2 shutdown: CR005 inspection | CV009, FE008 | 30hrs | 7wks |
| Category 2 shutdown: CR006 inspection | CV010, FE009 | 30hrs | 7wks |
| Category 1 shutdown: CR005 Modular shutdown | CV009, FE008 | 80hrs | 14wks |
| Category 1 shutdown: CR006 Modular shutdown | CV010, FE009 | 80hrs | 14wks |
| Category 3 shutdown: Full Plant Shutdown | All Conveyors in wet plant | Estimated 100hrs | 52wks |

Table 4.3.2. Shutdown Strategy for Wet Plant

f) It shall be noted that the duration and maintenance cycle in Table 4.3.1 and 4.3.2 are indicative and for reference only. The duration can vary dependent on the critical path of the planned tasks in a shutdown. The cycle period of the shutdowns may also change over time as the condition of the Plant and Equipment changes or due to evolving operational requirement.

g) The planned shutdown works include two (2) types of work orders, preventative maintenance and corrective maintenance work orders.

(i) The preventative maintenance work orders are the Maintenance Scheduled Task (MST) that have been or are being established by the Company based on the maintenance strategy. The MSTs are generated and scheduled by the Company's CMMS SAP.

(ii) The corrective maintenance work orders are created and scheduled in a planned shutdown to rectify an equipment defect identified by online/offline inspection and/or condition monitoring.

h) The MST is a live document. The Company will continuously update the MSTs to achieve improved reliability and suit evolving operational requirement.

i) The company has developed DJPs for most of the MSTs. The Contractor should either perform the detailed work scopes set out in the DJPs or submit its proposed DJPs to the Company Representative for review and approval then execute the DJPs approved by the Company Representative.

j) Planned shutdown works are planned and scheduled by the Company's planning department. The planning scope freeze is approximately three (3) weeks prior to the shutdown commencing date. However, depending on the change of operational requirements, upstream and downstream area shutdown date adjustment, the planning scope freeze date may also change to accommodate these factors.

k) The Contractor is also responsible for performing any emergent works identified after the planning scope freeze date. The emergent works will form part of the shutdown work scope. Emergent work will not be calculated in the shutdown overrun time, but shall be calculated in the shutdown work order completion rate.

l) The Contractor shall mobilize enough labour to complete all the shutdown work scope as per the instruction from the Company's planning team, including emergent works.

m) For the emergent works that are identified after the Contractor has mobilized shutdown labour to site, the Contractor shall use its best practice to complete all the emergent works. If the Contractor cannot complete all the shutdown work scope with the mobilized labour resources, the Contractor shall promptly mobilize additional labour to complete all the shutdown works.

n) The shutdown work completion rate shall be 98% for each shutdown. The completion rate is one of the Key Performance Indicators that links to payment set out in Section 9.

### 4.4 Breakdown Repair and Rectification

a) The Contractor shall perform all breakdown repair and rectification works on the Conveyors.

b) In the event of a breakdown, the Company will notify the Contractor of the breakdown as soon as it occurs. The Contractor shall attend to the breakdown equipment in the shortest possible timeframe, but no longer than ten (10) minutes after being notified of the breakdown assuming it is safe and practicable to do so.

c) The Company will provide breakdown rectification plan to the Contractor, or approve the Contractor's proposed rectification plan, including rectification scope and methodology in a timely manner to minimise downtime.

d) If the breakdown runs into shift changes, the Contractor shall arrange hot handover in field to ensure continuity of performing the breakdown works.

e) In the event of a major breakdown that requires additional labour on top of what the Contractor keeps on site, the Contractor is responsible for mobilizing extra people in a timely manner, less than 24hrs after being notified by the Company, to complete the breakdown rectification works.

f) Breakdown time that is attributable to the Contractor is one of the Key Performance Indicators that links to payment set out in Section 9.

g) Downtime reconciliation. The Company will publish daily downtime report including responsible parties for the downtime occurred in the past 24hrs. If the Contractor does not agree with the assigned responsible party for a downtime event, the Contractor shall raise dispute in writing within 24hrs of receiving the downtime report. The Company will organize a downtime dispute meeting with the Contractor and other relevant parties to settle the dispute.

### 4.5 Online Inspection and Maintenance (Weekly scheduled task)

a) Online inspection and maintenance is defined as the works that can be performed without shutting down the conveyors. It covers PM inspection, preventative and corrective maintenance on the equipment that has system redundancy, and any other maintenance and repair works that can be performed without shutting down the ore processing line.

b) The Contractor shall perform online inspection and maintenance on the Conveyors as per the established MST scheduled by the Company.

c) The online inspection and maintenance MST is scheduled in weekly plan. The Company will supply weekly planning work orders of online inspection and maintenance in hard copies to the Contractor. The Contractor shall perform all the required inspection and maintenance tasks detailed in the DJP and fill out the inspection sheet in the DJP. Upon completion of all the weekly scheduled online inspection and maintenance works the Contractor shall hand over the signed DJP and work orders to the Company.

d) The Contractor shall record in the DJP and work orders all the issues, defects or abnormalities identified during online inspection. All defects are to be entered into CMMS (SAP) by the Contractor via notification and report these findings to the Company in a timely manner so that consequential work orders for addressing the identified issues can be created. Priority 1 defects are to be reported to the company immediately.

e) The Contractor shall perform lubrication works on the Conveyors as per the Company's lubrication schedule MST.

f) Completion rate for online inspection and maintenance work orders shall be more than 98% for each week. The online inspection and maintenance work orders completion rate is one of the Key Performance Indicators that links to the incentive payment set out in Section 9.

### 4.6 Rotable Parts Repair/Rebuild

a) The Contractor shall perform on-site refurbishment of rotable equipment items per operational maintenance needs of the Company. The Contractor shall complete rotable repair / rebuild of the following equipment and parts:

   a. Scrapers

   b. Plough scrapers

c. Rollers

d. Roller frames

e. Other rotable parts / rebuilds as directed by the Company

b) The rotable equipment rebuild schedule will be managed by the Contractor internally however the company will schedule specific equipment into the weekly maintenance plan as necessary, the rotable equipment rebuild schedule is subject to the Company's approval.

c) Prior to the rebuild/repair of the rotable equipment/part, the Contractor shall carry out a joint inspection with the Company to develop a rebuild/repair scope of work. Upon completion of the works, the Company will do an inspection to the completed works.

d) The Contractor shall complete the required rotable parts repair/rebuild in the timeline specified by the Company to ensure the rotable equipment/part are available prior to the scheduled change-out date.

### 4.7 Other Services

The Contractor is also responsible for supplying the services of:

a) Collection of materials from the warehouse and MLO/Planning yard for planned works including shutdowns and weekly plans. When obtaining materials, the Contractor must present a printout of the work order. The MLO will inform the Contractor's supervision team when the parts are ready for collection for the designated week or shutdown.

b) Unused materials from the weekly plan or shutdowns are to be returned to stock via the following process:

a. Within **2** days post shutdown or weekly plan – The Contractor's yard serves as a consolidation point for materials, where a stock take is performed

b. Within **7** days post shutdown or weekly plan – Materials shall be credited to the applicable work order, tagged using the blue "Return to Stock" tag (with all required data written on the tag) and placed in PAD08 designated returns bay. Ensure materials are clean and arranged on pallets.

c. Produce a report that itemises work orders, reservation, materials, and quantities, which is subsequently distributed to KML Planning and Warehouse Supervision.

d. Within **2** days post shutdown or weekly plan, all rotable items must be cleaned, tagged with work order number, and returned to the Warehouse Rotable Returns Bay. Contract Supervision shall inform the Material Management & Warehouse Supervision.

e. Materials are not to be returned to the MLO/Planning yard once collected by the Contractor, unless materials are for a rescheduled job which then must be returned to the yard under the directive of Planning and MLO supervision.

c) Equipment and spare parts pre-assembly, including spare parts relining, to ensure the quality of pre-assembly is satisfactory and the progress of the pre-assembly meets the timeline requirement of scheduled maintenance.

d) Supply required manning resources such as belt technician, fitter, boilermaker etc. to provide requested maintenance support for daily electrical maintenance works, breakdown rectification works, and shutdown electrical maintenance works.

e) Assisting the operation team occasionally as requested by the Company. Supply required manning resources such as belt technician, fitter, boilermaker to provide requested support for operational works on the servicing Plant and Equipment.

f) Rectification of safety-related issues on the Conveyors promptly when noticed by the Contractor or being notified by the Company.

g) Performing housekeeping works on and around Conveyors during daily maintenance and shutdown maintenance to a standard acceptable by the Company. To be specific, the Contractor shall clean up all the ore/product build-up on conveyor rollers, roller frames, conveyor structures and on the ground. Contractor just needs to do the housekeeping and pile them then the Company and/or other Company's contractor will come and move them.

h) Contractor is responsible for pre-fabrication of parts for shutdown and daily maintenance, including but not limited to chute shelf, pipe spools with length less than 8 meters, pipe bracket, etc.

i) Fully scoped notifications will be raised within SAP by the Contractor where required. The Company is to approve all notifications.

j) Draft Gannt chart according to the task list which the company assigned to the contractor.

k) Detailed 'Workforce Timesheets' and 'End of Month Costing Load sheets' are required to be provided by the Contractor on weekly and monthly basis. The format, content and submission date (end of the contractual month, usually on the 28th of the month) shall strictly meet the Company's requirements.

l) Skill and Qualification Management

Depending on the nature of the work, the Company will conduct a technical skill assessment/review before the personnel are mobilised to site. This includes evaluation of the work history, certifications and any specialised training have been completed. The following documentation shall be provided to the Company prior to any mobilisation (covering both permanent personnel and shutdown personnel) to assess their relevant skills and qualification:

a. Resume;

b. Tickets and certification;

c. Training record;

d. Mobilisation checklist.

The mobilisation checklist is a live document, the contractor will continuously update the mobilisation checklist to keep it up to date especially when new employees are required to be mobilised. Refer to the attachment titled 'Contractor Mobilisation Checklist'.

m) Shutdown mobilisation personnel confirmation

The contractor shall provide shutdown mobilisation personal details and provide the updated mobilisation checklist prior to each shutdown and strictly adhere to the timelines below.

| **Timeline** | **Confirmation Required** |
|---|---|
| **14 days** prior to shutdown start dates | 50% of the required personnel shall be confirmed and updated with the Company. |
| **12 days** prior to shutdown start dates | 70% of the required personnel shall be confirmed and updated with the Company. |
| **9 days** prior to shutdown start dates | 90% of the required personnel shall be confirmed and updated with the Company. |
| **7 days** prior to shutdown start dates | 100% of the required personnel shall be confirmed and updated with the Company. |
| If any required labour cannot be confirmed or updated with the Company on the **6** days prior to shutdown start date, the Company will engage the shortfall labour at the cost of the Contractor calculated on the Contractor's quoted rate. | |

### 4.8 Continuous Improvement

The Contractor acknowledges that it has responsibility for, not only the physical provision of the Services, but also supporting the Company's continuous improvement and cost reduction initiatives. It will include, but be not limited to the following activities:

a) Participation in site equipment improvement discussions and provision of relevant proposals on improvement of maintenance strategies, DJPs and maintenance work planning and management process.

b) Assist the Company to assess parts stock level and make written recommendations to the Company in regards to optimization of spare part stock holdings, quantities and other spare parts related issues.

c) Participation in KML cost reduction initiative discussions and provision of relevant proposals.

d) For the improvement projects that are proposed by the Contractor, if approved by the Company to execute, the Company may award the projects to the Contractor.

### 4.9 4.9 Low frequency maintenance and replacement work

The Contractor is also responsible for supplying the services of low frequency maintenance and replacement works on the servicing Plant and Equipment. However, the cost of low frequency maintenance works will not be included in this service contract, the company will manage the low frequency maintenance works as the separate projects by following company's procurement and tendering policy. The low frequency maintenance and replacement works listed below:

(i) The replacement of the whole belt. (Please note the whole belt replacement of FE006/007/013 and FE008/009 are not defined as low frequency maintenance and are included in this SOW under service contract)

(ii) The replacement of the section of belt (the replacement section longer than 20m).

(iii) Please note that the splice replacement or repair is not defined as low frequency maintenance and is included in this SOW under service contract.

If the replacement of the whole belt or section of belt is due to normal wear and tear or the GET (Ground Engaging Tooth) damages to the belt, then this replacement shall be covered by a labour request at the Company's cost. However, if the belt replacement is due to the Contractor's fault in maintenance or installation or poor cook quality, etc, whatever is partially or fully liable for this replacement, the replacement is at the Contractor's cost.

### 4.10 Works Excluded

The following works are excluded from the Contractor's scope of work:

a) All electrical, instrumentation and process control system works.

b) Plant production and operation works.

c) Company supplied mobile crane maintenance works.

d) Statutory testing and inspection.

e) Capital investment project construction or installation works.

f) Major equipment upgrade/modification/overhaul. Major upgrade/modification/overhaul means the works where the workload of the upgrade/modification exceeds significantly a normal preventative or corrective maintenance work.

### 4.11 Battery Limit

a) Pipework

Contractor is responsible for repair/replacement for all types of pipelines, including slurry pipeline, process water pipeline, raw water pipeline, gland water pipeline, fire water pipeline, plant air and instrument air pipeline, within the Conveyor boundary which is the outer edge of the walkways on both side of the Conveyors. Underground pipework's repair and maintenance work is excluded from the SOW.

b) Electrical

Not applicable.

c) Instrumentations

All the mechanical works associated with instrumentation’s maintenance, repair and replacement are the Contractor’s responsibility.

d) Structure steel

Contractor is responsible for steel structure’s inspection within the Conveyor boundary which is the outer edge of the walkways on both side of the Conveyors. Batch replacement of the structure steel within the Conveyor boundary is excluded from the Contractor’s SOW. However, safety rectification works on the grid mesh, check plate and hand rails is the Contractor’s responsibility. To be specific, Contractor is responsible for repair or replacing damaged or corroded grid mesh within an area less than 20 square meters per work order. Please note, Inspection by Charted Structural Engineer is excluded from the SOW. And all the civil works, underground services are excluded from SOW.

# 5. CONTRACTOR'S SUPPLY AND RESPONSIBILITIES

## 5.1 General

The Contractor shall ensure the Services are performed as required by legislation and the Company's Policies, Procedures, Plans and Standards.

The Contractor must:

a) Provide all things necessary, including, but not limited to, the provision of labour, materials and consumables (other than the Company supplied materials and consumables listed in Appendix C and covered in item 6.4), equipment, tools, facilities, all management, administration, supervision, transport of equipment to and from Site (initial mobilization and final demobilization only), transport of personnel at the Site, inductions, quality control, inspections, permits, training, VOCs, operation, maintenance and calibration of all associated plant and equipment necessary to carry out the Services for the duration of the works;

b) Plan resources (labour and equipment) to meet the requirements of the Contract. This will be fixed minimum requirements, and additional resources as requested by the Company to make efficient use of resources and limiting the fatigue of workers. Work Safe guidelines shall be used as a guide to working hours, breaks between shifts, fatigue management processes and KML work requirements shall be adhered to;

c) Ensure good Industry Practice is employed and maintained in all areas over the course of the performance of Services;

d) Provide sufficient labour and equipment resources to perform all Services which require a ramp-up of resources for Maintenance and miscellaneous shut-down/refurbishment works at KML site, with competent and skilled employees; and

e) Ensure the supply of all equipment is fit for purpose and in full compliance with all statutory and Company's requirements.

## 5.2 Contractor Supply of Labour

a) The Contractor shall supply below disciplines of tradesmen to perform the Maintenance and Repair Services in this SOW:

   (i) belt technician/splicer;

   (ii) scraper technician;

   (iii) boilermaker;

   (iv) mechanical fitter;

   (v) rigger;

   (vi) franna driver;

(vii) scaffolder;

(viii) wear technician;

(ix) hydraulic technician;

(x) lubrication technician.

b) The Contractor shall keep a crew on site at all times to perform online inspection and maintenance, rotable parts repair/rebuild and breakdown rectification.

c) The Contractor shall mobilize qualified labour consisting of different disciplines of tradesmen, depending on the scope of work for performing shutdown works.

d) In the event of a breakdown that requires additional labour on top of the site crew, the Contractor shall mobilize the required labour in a timely manner, less than 24hrs after being notified by the Company, to complete the breakdown rectification.

e) The Contractor shall keep a stable maintenance crew for performing the daily online and offline maintenance works, breakdown rectification works and shutdown works. For permanent site crew, the Contractor's employee monthly turnover rate shall be less than 20%.

### 5.3 Contractor's Supply of Plant and Equipment

a) The Contractor shall supply, maintain and operate all required plant and equipment necessary for efficiently performing all the maintenance and repair works. The Contractor supplied plant and equipment shall include, but not limited to, these listed in Table 5.1.

| Plant and Equipment | Quantity Required |
|---|---|
| Vulcaniser - 900mm | 1 |
| Vulcaniser - 1500mm | 1 |
| Vulcaniser – 2400mm | 1 |
| Small Winch | 1 |
| Medium Winch | 1 |
| Winders – 7 Tonne | 1 |
| Winders – 25 Tonne | 1 |
| Belt Stands – Small | 1 |
| Belt Stands – Medium | 1 |
| Belt Stands – Large | 1 |
| Belt Stands – Project | 1 |
| Site Tooling Container | 1 |
| 4WD Ute (mine spec light vehicle) | 1 |
| 8 Tonne Truck | 1 |

Table 5.1 Plant and equipment to be supplied by Contractor

b) Apart from the plant and equipment in Table 5.1, the Contractor shall supply the following plant and equipment on an as and when required basis for completing all the maintenance works in this SOW:

(i) Generators;

(ii) Welders;

(iii) General hand tools for performing maintenance works.

(iv) Permanent Light Vehicle for every 24 hours on Site

(v) Permanent Forklifts for every 24 hours on Site

(vi) Permanent frannas (below and equal to 25t) for every 24 hours on Site

(vii) Permanent scaffolding for every 24 hours on site

c) The ongoing supply of all plant, Contractor amenities, equipment, materials, consumables, store facilities, workshop infrastructure and hydrocarbon storage necessary for the Contractor to complete the Works.

d) Prior to mobilization to site, the Contractor's Plant and Equipment are subject to Company's approval to ensure compliance with all relevant regulations, Company's Standards and Specifications.

e) Supply of equipment on an 'as and when required basis' necessary for completing the Works in this Contract and to ensure that no shortfalls of plant and equipment at Site.

f) In the event the Contractor needs to use the Company's mobile crane above 25t, reasonable notice, in general no less than 7 days, shall be given by the Contractor for the Company to coordinate the resource allocation.

### 5.4 Site Establishment

a) The Contractor is responsible for supply and establish the Site facilities and infrastructure required to carry out the Services (together 'the Establishment'), including but not limited to offices, crib rooms, ablution blocks and workshops. The Contractor shall nominate its preferred size of the area for its temporary site facilities, including storage areas; however, the ultimate size of the area allocated to the Contractor of this purpose is at the sole discretion of the Company Representative.

b) For the purposes of Pricing, the Company Representative will make available a cleared and compacted area to the Contractor for its temporary laydown area and storage of materials. Supply and installation of security fencing will be the responsibility of the Contractor (if required).

c) The Company will provide suitable transportation vehicles for commuting personnel between the village and the Site. No private or non-mine specification vehicles will be allowed at the Site or the village.

d) The Contractor is responsible for establishment of machinery parking area(s) including approved containment and storage for fuel, oil and other potential contaminants necessary for performing the Works.

e) Potable water for the Contractor's workforce will generally be available from the village water tank, reticulated to office area. Other utilities such as electricity and office area will be provided to the Contractor by the Company free of charge. The maximum distance from the Company provided tie-in point to the Contractor's facilities shall be within 20 meters. The Contractor will be responsible to provide all necessary furniture, plant, fittings, tools, to connect stock and/or utilise any facilities that are in addition to those provided by the Company.

f) If any Site facilities and infrastructure is provided by the Company, these Site Facilities are to be handed back to the Company at the end of the term in a good condition acceptable to the Company which is subject to fair wear and tear of Site facilities and infrastructure.

g) The Contractor who is operating in the Establishment must:

   (i) comply with all relevant Laws including but not limited to the Mines Safety and Inspection Act 1994, the Explosives and Dangerous Product Act, and the Company's procedures contained herein, all as modified from time to time;

   (ii) consider the maximum necessary amount of storage;

   (iii) consider the congestion of the area and other work areas;

   (iv) consider proximity of other buildings and facilities and any risk to those buildings and facilities;

h) The Contractor shall be responsible for maintaining the Establishment in good condition and the Establishment shall at all times be kept in a safe and workmanlike state to the satisfaction of the Company.

### 5.5 Mobilisation

The Contractor shall/ensure for:

a) Provide materials as required to protect equipment from the elements and damage of any kind whatsoever, such as impact, fire and the like by both the Contractor's personnel and that of others during the execution of the Works.

b) Supply and erect all temporary guards, barriers, and hand rails required for the execution of the Works.

c) Assemble and install mechanical equipment related to the Contractor's workshop, plant and equipment.

d) Supply all necessary ancillary equipment for its own usage, such as computers, software, internet connections, mobile phones and stationary. The company will allocate contractor internet data usage at the contractor's cost. For the avoidance of doubt, the contractor shall not assume The Company's existing Microwave Internet infrastructures will be available for contractor to use and shall include all the associated cost in contractor's rate.

The Contractor must allow/ensure for:

e) Site inductions, medicals and necessary training and equipping of all personnel, including subcontractors, in accordance with the Company's safety procedures;

f) Supply all experienced and competent labour necessary to complete the Services under the Contract including all training for its workers and VOCs required to perform the Works. The Company will facilitate VOC's on site-specific equipment(i.e.overhead cranes)

g) Ensure personnel compliance with ancillary competencies, including, but not limited to the following VOC related activities such as 4WD & HR tickets & licenses, Confined Space, Working at Heights, Rigging, Scaffolding, Elevated Work Platforms (EWP), Forklift, Telehandlers etc.

h) Initial mobilisation and final demobilisation of all approved Contractor's plant and equipment between the Contractor depot and Site.

i) Ensure efficient and effective logistics solutions for transport delivery of all other support materials and equipment, including tools and equipment, staff trucks, light vehicles, consumables, PPE and all spares required for commencement and ongoing provision of the Services. For the avoidance of doubt, lack of planning or notice for efficient use of the Company logistics resources will be back-charged to the Contractor at cost plus 10% mark-up. The company's logistics service provider required a minimum 48 hours notice period for the general freight runs to the site, and any specialised movements such as oversize loads or bulk freight require a minimum notice period of 72 hours.

j) The Contractor acknowledge:

(i) No additional labour is to be charged for yard hands in loading and/or offloading of equipment.

(ii) Additional cranage, forklift or site access equipment at Site is free issued by the Company for loading and unloading/placement of equipment only where the Contractor's equipment is not suitable and this must be planned and coordinated in accordance with Company's availability of these additional site resources.

### 5.6 Site Safety and Site Access (Including Induction Programs)

The Contractor shall:

a) Ensure that any person involved in the Site Services entering the Site has received and successfully passed the Company's induction program.

b) Supply Personal Protective Equipment (PPE) to its employees at the Contractor's cost. The minimum PPE requirement is as follows:

(i) Safety helmet (AS 1801);

(ii) Safety Footwear (AS/NZS 2210.1);

(iii) High Vis with reflective tape cotton Long Sleeve Shirt;

(iv) Long Leg Cotton Trousers;

(v) Gloves (AS 2161);

(vi) Safety Glasses (AS/NZS 1337.6);

(vii) Hearing Protection;

(viii) Personal Isolation Locks (Red) x 5; and

(ix) Drink Bottle & Cover.

c) Provide appropriate respiratory protection equipment (including its consumables) and fit test to its employees at the Contractor’s cost to meet the associated Australian Standards and Company’s HSE Standards and Specifications. The respiratory protection equipment is including but not limited to P2 dust masks, 3M 7500 or 6500 series half face respirator, 3M Disposable FF9320 P2 Respirators and Powered Air Purifying Respirator (PAPR), depending on the designated work area, type of works and duration of the Services (eg permanent or short term).

d) Carry out all the Works in a safe and professional manner and in accordance with the Mines Safety and Inspection Act and Regulations thereto as amended.

e) Supply, install and maintain all temporary safety equipment and materials for the protection of the works and people for the duration of the works on site in accordance with the Mines Safety and Inspection Act and Regulations, KML Safety Requirements;

f) Prepare and update a Traffic Management Plan as required to ensure work scopes are completed safely, including, but not limited to, erection and maintenance of all road traffic signs, radio call up points, restricted entry areas etc. to ensure safe works, and should comply with the Company’s Traffic Management Plan.

g) Plan the works in close consultation with the Company Representative so that labour and equipment utilization is used cost effectively and consistent with the Company’s requirements;

h) Liaise with Company Representative to ensure workloads and work areas are correctly managed and to mitigate relocation or re-work due to poor planning or design by the Contractor;

i) Be responsible for the protection of all existing services and structures identified by the Company in the work area. Any damage to known services caused by the Contractor shall be repaired at the Contractor’s expense.

j) Where applicable, provide and maintain guarding, fencing, danger signs and other items necessary to ensure the safety of all personnel, plant and equipment engaged to the Site from hazards associated with the Contractor’s operations. At all times, access ways must be kept clear of objects or obstructions which may cause injury to personnel or damage to equipment and plant.

k) Regular clean-up of the work areas, including Contractor's offices, crib rooms, ablution blocks and workshops, in accordance with the Health, Safety, Environment and Community Management Plan(s) (HSECMP) and/or as directed by the Company Representative. The Contractor shall also conduct a final clean-up of the work areas upon completion of the Works. For sewage, the Company shall be responsible for handling the sewage. For waste management, the Contractor shall be responsible for transporting the waste to the Company's designated site waste disposal locations as per the Company's HSEC procedures. The Company will be responsible for disposing of the waste from the designated site waste disposal locations.

l) Housekeeping of the storage area to acceptable standard and to allow efficient stocktaking and auditing of Contractor's equipment.

m) Segregation and disposal of all general waste materials on site as directed by the Company Representative.

n) Liaise with Company Representative for the removal from site of all tyres, hydrocarbon and hazardous waste, including used or surplus chemicals, used chemical and hydrocarbon containers.

o) Participate in a daily "Pre-start" on-site meeting with the Company's Site Representative and Contractor's site supervision to plan and agree on the work program for the day/shift following.

The Contractor shall:

(i) Attend daily Pre-start meetings that shall be attended by all site personnel, contractors, subcontractors and KML Site Representative. Key issues discussed shall be recorded and a copy of the meeting minutes sent to KML Site Representative;

(ii) Prepare JHA's (Job Hazard Analysis) for specific tasks as required by KML safety requirements or as instructed by KML Site Representative; and

(iii) The Contractor acknowledges that it must work with other contractors that may need to access areas that the Contractor also accesses. The Contractor must conform to a traffic management plan developed and implemented by the Contractor that takes into account and plans for such instances, in line with the Company's requirements for traffic management, and agreed to by the Company as amended from time to time.

### 5.7 Demobilisation

The Contractor shall provide the following services for demobilisation and disestablishment of the Contractor's site establishment after completion of the Contract which should include:

a) Completion of demobilisation plan for approval and to the satisfaction of the Company.

b) Transport and removal of all Contractor owned items used or stored on site during the Contract.

c) Demobilisation personnel and subcontractors;

d) Removal of Contractor's plant and equipment;

e) Removal of all other support materials and equipment, required for the Services;

f) Decommission Contractor owned buildings and infrastructure; and

g) Cleaning the site as stipulated by the Company's environmental requirements.

### 5.8 Provision of Scaffolding Services

The Contractor is responsible for provision of scaffolding erect, modification and removal services necessary for the proper performance and completion of the maintenance works in this SOW**.** The Services to be provided by the Contractor shall include, but not limited to:

a) Supplying scaffolding to meet all Company's demand to achieve best practice scaffold design and erection requirements and at all times, mitigate unused, obsolete or damaged scaffold equipment from the site at earliest possible convenience.

b) Supplying and ensuring scaffold equipment, including all components, is available onsite in accordance (at a minimum) with KML CORP-HS-STD-1041 and associated Procedures, Standards and Specifications and all other legislative requirements at all times.

c) Maintain, certify, erect and modify third party scaffold which is owned by the Company from time to time. Third party scaffold is typically permanently erected, and critical to maintain access in difficult to access areas.

d) The Contractor must supply, at its own cost, all materials unless noted elsewhere as 'excluded', tools, Scaffold and related equipment and consumables necessary for completion of the works within the specified time period and in accordance with the required Specifications.

e) Scaffolding equipment should consist of Tube/Fitting; Planking; Beam Clamps; Stair Treads; Ladders; Ladder Trusses; Base plates; Certified Lifting Cages/stillage and other quantities of equipment not listed in delivery of the Services.

f) Components breakdown may consist of tube and fittings. However, the utilisation of all equipment must be efficient and effective for the activity. Contractor Management/Labour teams would also be required to stack and sort equipment as deemed necessary to maintain equipment in a usable state at all times.

g) The Contractor must provide a list of scaffold and nominated "Replacement Value" of all scaffold equipment for the purposes of Contractor recovery for damage caused by the Company. Any scaffold damage claims must be supported with photographic evidence of the location in the plant and how the damage occurred.

### 5.9 Confined Space Management

a) The Contractor is responsible for managing and organizing Confined Space Entry for the proper performance and completion of the Works in this SOW.

b) The Contractor shall ensure Confined Space Policy and Procedures are followed (at a minimum) in accordance with CORP-HS-FRM-1045 and associated Procedures, Standards and Specifications and all other legislative requirements at all times.

### 5.10 Lighting

a) The Contractor shall ensure all works carried out during the hours of darkness or poor visibility can be undertaken safely.

b) The Contractor as a minimum shall provide adequate lighting in the following areas used exclusively or predominantly by the Contractor:

   (i) at all main work front locations for both Scaffold and Confined Space;

   (ii) at Contractor's workshop and other maintenance areas; and

   (iii) in any other working area deemed necessary by the Company; and

c) The Contractor shall ensure that all lighting is installed and used so as not to create undue environmental or social nuisance.

### 5.11 Site Supervision and Management

a) The Contractor shall maintain at all times full supervision of the works by a competent supervision team experienced in this type of work. The supervision outputs must be aligned to the current expectations of the Company's Maintenance Supervision, as defined by the Company leadership team. This is not only in relation to effective work front execution, but also in relation to also statutory, regulatory and procedural compliance.

b) The Site Management will be accountable for the works' performance and be the central point of contact for the Company's Representative.

c) An organization structure indicating all supervisory personnel and key personnel shall be submitted to the Company Representative and updated in accordance with the Contractor's nomination of Key Personnel.

d) The Contractor Supervision and Management team is required to manage the following minimum responsibilities:

   (i) Maintain a Skills Register of all personnel to be used in the provision of the Services specified in the Contract. The Contractor will keep the Company Representative advised of any changes in the skills register as they occur;

   (ii) Maintain an equipment register detailing test and tag dates for electrical, lifting and height safety equipment. All equipment shall be subject to inspection prior to work commencing under the Contract;

   (iii) Manage daily reports and other reports, including safety or other, as requested from time-to-time, to be provided by the Contractor for the services provided;

(iv) Provide monthly reports on safety, manpower, plant and equipment in a format approved by the Company Representative in accordance with the Contract;

(v) Manage Job Hazard Analysis (JHA) completion and quality with the workforce;

(vi) Assist scoping jobs and providing time estimates to the Company's Planning or Management teams;

e) The Contractor must mitigate the fatigue of workers in accordance with the Company Fatigue Management Policy. The KML Fatigue Management Policy CORP-HS-POL-1031 can be used as a reference.

### 5.12 Interaction With Other Contractors

a) There are other contractors and the Company's departments working in the same area. The Company will provide overall interfacing management and advise the Contractor of interactions with other contractors or the Company's departments.

b) The Contractor shall act on the Company's advice on how to manage the interactions with other contractors and the Company's departments.

c) The Contractor shall exercise its best endeavours to plan and execute its work to ensure safe work interaction with other contractors and the Company's department.

d) The Contract shall plan and execute its work co-operatively with other contractors and the Company's department to minimize the impact of the interaction to its own works' progress and that of other contractors or the Company's departments.

### 5.13 General Obligations of Work

Additional general work under this Contract includes, but is not limited to:

a) Undertake planning activities for the required works and plan the execution of its works in a manner that takes into account the access requirements of other contractors engaged on the Site in such a manner that it is in cooperation with, and will cause the least amount of interference to the activities of other contractors at all times.

b) Implement, maintain and update as necessary an approved HSECMP that meets or exceeds the requirements of the Company's HSECMP.

c) Implement, maintain and update as necessary an approved Quality Plan and system that meets or exceeds the requirements of the Company's Quality Plan.

d) Obtain of all statutory and other approvals, licenses and certificates as required that are relevant to the SOW under this Contract.

e) Responsible for the maintenance of all Contractor's owned or the Company supplied plant which is exclusively for the Contractor's use and equipment such as telehandler, staff trucks and light vehicles.

f) Ensure maintenance equipment, including all components, is available onsite in accordance (at a minimum) with KML CORP-HS-STD-1041 and associated Procedures, Standards and Specifications and all other legislative Requirements at all times.

g) Ensure all personnel to be used in the provision of the Services are compliant with required competencies.

h) Dispose of its scrap materials, packaging and unwanted waste in accordance with Karara's waste management plans and procedures. Housekeeping is to be kept to the highest standards at all times.

i) The Contractor will supply and maintain modern communication and office equipment for its office and personnel to ensure that its personnel can manage and report the Works in an efficient manner.

j) The Contractor will coordinate personnel travel and accommodation arrangements in accordance with KML procedures in conjunction with KML Site travel.

### 5.14 Contract Administration

a) The Contractor will conduct prestart meetings prior to commencing work each day and forward this information to the Company's Representative in a timely manner.

b) Attend safety, progress and coordination meetings facilitated by the Company's Representative including but not limited to:

(i) Shutdown worklist review meeting

(ii) Shutdown Gantt review meeting

(iii) Shutdown progress meeting

(iv) Post shutdown review meeting

(v) Daily operation and maintenance meeting

(vi) Downtime meeting

(vii) Weekly work scheduling meeting

(viii) Weekly leadership meeting

(ix) Weekly HSE management meeting

c) Maintain a Skills Register of all personnel to be used in the provision of the Services specified in the Contract. The Contractor will keep the Company's Representative advised of any changes in the skills register as they occur.

d) Maintain an equipment register detailing test and tag dates for electrical, lifting and height safety equipment. All equipment shall be subject to inspection prior to work commencing.

e) Provide monthly reports on safety, manpower, plant and equipment in a format approved by the Company Representative.

f) The Contractor shall submit a written Service and Condition Report (i.e. Post Shutdown Report) by no later than one (1) week after completing the maintenance services. Reports must include any follow-up work required, major work to be scheduled including the plan and the general condition of each piece of equipment.

g) The Contractor shall submit a written Belt Thickness (BTT) Report on a monthly basis which is to include up to date conveyor belt change forecast.

h) The Contractor shall submit a written Conveyor Roller Defect Report on a weekly basis.

### 5.15 Working Hours

a) The Company currently operate on an 8 days on and 6 days off roster. Contractor may propose its preferred roster for its employees, subject to the Company's approval.

b) The work day is 12 hours being 6:30am – 6:30pm for day shift and 6:30pm - 6:30am for night shift. The normal daily work hours on Site are 12 worked hours daily including a half hour break for lunch and two 15 minute paid break.

c) The Contractor shall comply with the Company's Fatigue Management Policy which specifies the maximum continuous working days and maximum working hours per shift. Additional working hours should be approved by the Company's Representative prior to commencing the additional working hours.

# 6. THE COMPANY'S SUPPLY AND RESPONSIBILITIES

The Company is responsible for maintenance management and servicing equipment spare parts/material supply. The management responsibilities include the following aspects.

## 6.1 Technical Management

The Company will supply the following technical management:

a) Equipment inspection and maintenance system management

The Company is responsible for establishing equipment inspection and maintenance management system, defining responsibilities of all levels of management, improving maintenance strategy, optimizing maintenance work flow processes, and evaluating maintenance performance.

b) Maintenance work standard management

The Company will develop and improve maintenance standard and procedures, including development, regular assessment and ongoing improvement of MSTs and DJPs.

c) Equipment reliability management

The Company is responsible for equipment condition monitoring, developing condition monitoring plan, executing condition monitoring, and analysing condition monitoring results, and providing technical justification for equipment failure root cause analysis and maintenance strategy optimization.

The Company is responsible for establishing equipment operation analysis system, analysing factors that affect equipment safety, stability, operation, developing targeted improvement measures and proposals.

d) Equipment business improvement

Through exploring and adopting new materials, new technology, new methods and new design, the Company will continuously improve plant and equipment performance and reliability to achieve service life extension, safety performance improvement, environmental improvement and operating cost reduction.

## 6.2 Maintenance Planning

The Company is responsible for maintenance work planning and scheduling.  All maintenance planning is to be executed by the Company's planning department.

a) Maintenance work planning

As per the work management system the Company will manage the planning functions with the aid of the contractor. The planning department will be responsible for planning, resourcing, and identifying material requirements for SAP work orders by utilising information contained in SAP notifications or maintenance plans. The work orders will be grouped into packages to either shutdowns or weekly plans for scheduling.

The Company will also develop and improve maintenance plans based on input from the Contractor.

The Contractor's duties will include identifying and scoping work, generating notifications in SAP, and reviewing plans developed by the planning department. The Contractor shall provide defined resources to effectively carry out those duties.

b) Maintenance work scheduling

As per the work management system, the Company will manage the scheduling functions with the aid of the Contractor.

The Company's planning department will be accountable for developing the shutdown Gantt chart and weekly plan schedule. Milestones such as schedule review meetings and resource requirements will be communicated to the Contractor through email or other modes of communication. During the final Gantt review meeting or weekly plan meeting, the Company and Contractor will agree on the schedule and formally approve the proposed schedule for execution. The final shutdown Gantt chart will contain the following detail:

- Equipment
- Work order
- Task description
- Team & Sub-Team
- Resources
- Task SequencingThe contractor's duties will include reviewing Draft shutdown Gantt charts and weekly plan schedules with the purpose of ensuring allocated work is accurate, resources are defined correctly and scope of work is understood and agreed on prior to FINAL Gantt chart or weekly schedule being issued for execution.

### 6.3 Maintenance Management

The Company is responsible for maintenance works daily management, including:

a) maintenance works coordination and interfacing management between the Contractor and other contractors or the Company's electrical and operation department

b) maintenance safety management

c) maintenance quality control

d) maintenance progress monitoring and control

e) maintenance work review and gap analysis for continuous improvement.

f) Company Trade labour will be utilised in the below capacity.

a. To complete project / upgrade works as directed by the Company

b. To complete low frequency works as directed by the Company

g) Company supervision will be supplied in the below capacity.

a. Conveyor area – 1 x D/S & 1 x N/S supervisor, accountable to ensure the Contractors are following detailed job plans (DJP'S). Prioritising planned / un-planned works to ensure schedules keep aligned with Company expectations and production targets.

b. Ensure contractors follow and abides by the Company's permit's, policy and procedures.

c. During "shutdowns" the Company supervision will be area coordinators and main point of contact for all updates and escalations.

h) Responsible for daily review and approval of all contractor work request notifications

### 6.4 Supply of Spare Parts and Materials

a) The Company will supply all the spare parts and materials for completing the service of the Plant and Equipment. The Company will also supply materials and consumables that are used for multiple Plant and Equipment. The materials and consumables that are used for multiple Plant and Equipment are listed in Appendix C. And the Company will free issue the following items if they are available onsite when required for the service in the SOW:

(i) Metal and non-metal raw material;

(ii) Oil and grease;

(iii) Adhesive consumable(thread lock, rubber bonding, etc.);

(iv) Sealant consumable(expansion foam, Sikaflex, etc.);

(v) Chemical(Acetone, etc.);

(vi) Wear repair and resistant consumables(Wearmax etc.);

(vii) Cementitious and epoxy compound;

(viii) Batteries used for Perma Lube;

(ix) Other necessary materials and consumables are in stock and only used for KML plant or equipment. If the materials and consumables are used for the contractor's plant or equipment, then they should be supplied by the contractor.

b) The contractor shall perform on-site assembly of spare components / parts which are required to fulfill operational requirements of the company, such as preparation work for a planned shutdown or weekly schedule.

c) The Company is responsible for parts procurement, parts inventory management, rotable parts repair / refurbishment planning and management.

### 6.5 Maintenance Equipment and Tooling

a) The Company will provide gantry crane, mobile crane over 25T,, 16t forklift, fuel truck and servicing Plant and Equipment vendor supplied special tooling/lifting jigs, Hi-torque tools, hydraulic tools, huck rivet guns, and other special tooling/equipment in the current stock of the Company's tool store for works on servicing Plant and Equipment. Please note, for the mobile crane over 25T, the Company will provide a crane operator and dogman with the crane. The cranage over 25T will be prioritised by the company, and Any delays encountered or any KPI liquidated damages due to these cranage, the company will not be held accountable.

b) The Contractor shall be responsible for maintenance and repair of Company supplied plant and equipment at its own cost for damages and failure due to inappropriate use and maintenance. The Company will be responsible for the special equipment & tooling's regular services, calibration, testing and tagging.

### 6.6 Logistics and Utilities

The Company is responsible for:

a) Provision of serviced accommodation and messing for personnel at the KML village in accordance with the Company's site procedures;

b) Provision of air travel between Perth and the KML village in accordance with the approved manning schedule. The Company will schedule the shutdown demob flight in a maximum 12 hours' waiting time after the shutdown works completed, the completion shall be defined as after the completion of post shut housing keeping works, redundant parts disposal and unused part return to stock, as per the Company's procedure;

c) Provision of bus travel between Geraldton and the KML village in accordance with the approved manning schedule;

d) Provision of fuel at the Karara Mine Site in accordance with the Company's procedures; Contractor is allowed to use existing storage facilities of free issued oil/fuel/contaminant materials. Company supplied fuel key will be issued to track fuel usage.

e) Provision of site ablutions and utilities for the use of the Contractor's personnel at the Company's office area;

f) Current office facility infrastructure, electrical reticulation and compound storage/signage owned by the Company, Please note the Company will NOT provide the company's boilermaker workshop, rubber lining workshop, crib rooms and toilet as per the SOW. The contractor can use existing toilets on site;

g) Provision of a staffed medical facility at the village and Operations Site;

h) Emergency response facilities (including firefighting capability);

i) Ongoing transport between Contractor Depot to Karara Site Laydown area, via the Company's preferred carriers in accordance with the Company's procedures;

j) Water, from the Company's water storage sites in accordance with Karara's procedures (if required);

k) Level and compacted laydown area for storage of Contractor's plant and equipment;

l) Provision of Confined Space Entry detection equipment. PLEASE NOTE: The company shall be responsible for all calibration and condition of the equipment in accordance to manufacturer requirements;

### 6.7 Other Services

All projects involving upgrades and improvements are to be implemented by the Company's projects and reliability team allowing the visibility and line of site of all projects.

## 7. HSEC MANAGEMENT

a) All works undertaken in this Contract shall be carried out with the greatest regard and attention to safety issues. The Occupational Health and Safety Management Plan document number CORP-HS-PLN-1001 outlines the minimum safety and health requirements to be implemented in delivery of services to KML for the Contract. The Contractor shall comply with all safety requirements of the relevant Acts, Regulations, By-Laws, Codes of Practice, Standards and other regulatory requirements.

b) The safety and health of personnel shall be considered in the design and planning stage, and managed accordingly in the execution phase. Hazards considered shall include that which will be encountered during site and field works, and during travel. Particular attention shall be paid, when choosing locations for equipment, to providing safe access and egress of personnel.

c) Prior to mobilising to site, any contractor is required to conduct a Critical Risk Assessment Workshop (CRAW) with key stakeholders to further identify and assess hazards and determine management controls. Hazards identified and outputs from the CRAW are incorporated into the Safety / Environmental Management Plan, whereby further policies and procedures are implemented accordingly to ensure safe and efficient delivery of the Services.

d) As a minimum the Contractor must have in place safety management systems that utilise risk based assessments on all equipment, products, services and personnel that are brought on Site to supply the Services.

e) Notwithstanding any other conditions of the Contract the Contractor shall conduct its operations in accordance with the Company's Occupational Health and Safety ("OH&S") Policy (CORP-HS-PLN-1001) for the KML operation.

### 7.1 Site Safety Requirements

The Contractor shall:

a) Take all care and necessary precautions in planning and execution of the Site Services and as a minimum institute such measures, as detailed within this SOW, to manage Site safety and ensure a safe working environment. All elements of the Site Services shall conform to the Company's "Occupational Health and Safety Management Plan" (CORP-HS-PLN-1001), relevant Codes of Practice, By-Laws, Acts, Regulations and statutory requirements.

b) Prepare and submit a Site Health and Safety Management Plan, Environmental Management Plan and HSE Risk Register to the Company's Representative for approval within the time period specified in the Contract. The plans shall include, but not limited to, the provisions of this SOW and the specifications.

c) Conduct inductions, training for high risk work licenses, certificates of competency and verifications of competency. The Contractor shall provide a copy of the following information for each person inducted in a form acceptable to the Company:

   (i) Certificates issued.

   (ii) Medical examination results.

   (iii) Date the competency/skill was verified by the Contractor (and the name of the assessor).

   (iv) Drivers' licenses.

   (v) Personal details.

### 7.2 Safety Representative

a) The Contractor shall have a HSE Advisor on site at all times as Contractor's Safety Representative.

b) In respect of all matters concerning the safety of the Site Services and personnel on the Site, the Safety Representative shall be deemed to have the responsibility and authority of the Contractor's Management in accordance with the Contract.

c) The Representative may consist of the Contractors senior representative on site or designate.

### 7.3 Safe Working Area

a) The Contractor shall maintain safe systems of working over the duration of the Site Services.

b) Within the areas of the Site Services, in addition to the requirements of the Company's "Occupational Health and Safety Management Plan" (CORP-HS-PLN-1001), the Contractor shall be responsible for:

   (i) Providing all necessary safe work equipment, and establishing all safe methods (safe operating procedures) necessary to carry out the Site Services.

   (ii) Obtaining all necessary permits prior to the commencement of the relevant Site Services activity (e.g. hot works, working at heights, etc.) as applicable.

(iii) Maintaining the safe and secure storage of any dangerous or potentially harmful substances in accordance with statutory requirements and the Company's "Occupational Health and Safety Management Plan" (CORP-HS-PLN-1001) so as to prevent access and use by unauthorized persons. MSDS shall be kept on Site for all dangerous or potentially harmful substances.

(iv) Effective control of dust and wind-borne material emanating from the Site as a result of the Site Services.

(v) Provision of floodlighting at all areas and levels to the satisfaction of the Company's Representative where the Site Services is occurring outside of daylight hours, or in areas where natural light is inadequate.

(vi) Maintaining communication and liaison with the Company's Representative and other contractors on the Mine site to ensure the Site Services is coordinated and undertaken to maintain safety of all persons on the Site.

(vii) Keeping the Site Services and access ways in a safe condition from the time of handover to the Contractor, until the Site Services is handed back to the Company's Representative after completion of the Site Services.

### 7.4 Environmental Requirements

The Company has an obligation to comply with all statutory environmental requirements in regard to all Site activities for the project.

The Contractor shall:

a) Comply with all relevant requirements and obligations applicable to the Site Services and the Mine Site.

b) Comply with the requirements of Company's specification "Operations Environmental Management Plan" (CORP-EN-PLN-1001) and as required by this SOW.

c) Nominate a member of its Site workforce as the Contractor's environmental representative.

d) Notify the Company's Representative in writing of the name of the nominated Contractor's environmental representative. The Contractor shall obtain approval of the nominated representative from the Company's Representative prior to commencing the Site Services on the Site.

# 8. APPLICABLE DOCUMENTS

a) All works covered by this SOW shall comply with the applicable statutory requirements of Federal, State and Local Authorities of Australia, and shall comply with the nominated Codes, Standards and referenced standards within these.

b) All works to be performed by the Contractor shall conform to the requirements of the following documents and they shall form part of the contract.

c) The Contractor shall note that if there is any doubt, the hierarchy of the documents are indicated below:

   (i) All Statutory Authorities having jurisdiction over the works;

   (ii) This Scope of Work document;

   (iii) The latest editions of relevant Company's Standards and Specifications;

   (iv) Standard Association of Australia; and

   (v) All other relevant publications and regulations.

d) Where Standards applicable to the work are not published by the Standards Association of Australia, then relevant International Standards shall apply subject to the written approval of the Company.

## 8.1 Procedures, Standards and Specifications

The Scope of Work shall be executed in accordance with, but not limited to, the following documents listed in Table 8.1.

| DOCUMENT NO. | DOCUMENT DESCRIPTION |
|---|---|
| CORP-HS-PLN-1001 | KARARA HEALTH AND SAFETY MANAGEMENT PLAN |
| CORP-HS-PLN-1003 | EMERGENCY RESPONSE PLAN |
| CORP-HS-PLN-1004 | CRISIS MANAGEMENT AND RECOVERY PLAN |
| CORP-HS-PLN-1005 | RADIATION MANAGEMENT PLAN |
| CORP-HS-PLN-1008 | TRAFFIC MANAGEMENT PLAN |
| CORP-HS-PLN-1010 | COMMUTE TRAVEL PLAN |
| CORP-HS-PLN-1011 | HEALTH, SAFETY AND TRAINING PRE-MOBILISATION REQUIREMENTS |

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| CORP-HS-PLN-1013 | BUSH FIRE MANAGEMENT PLAN |
| CORP-HS-PLN-1014 | INCIDENT MANAGEMENT PLAN |
| CORP-HS-PLN-1015 | ROAD MAINTENANCE PLAN |
| CORP-HS-PLN-1016 | HEALTH & HYGIENE MANAGEMENT PLAN |
| CORP-HS-POL-1001 | KARARA HEALTH AND SAFETY POLICY |
| CORP-HS-POL-1008 | LIFE SAVING COMMITMENTS - POSTER |
| CORP-HS-POL-1031 | FATIGUE MANAGEMENT POLICY |
| CORP-HS-PRE-1002 | SERIOUS POTENTIAL INCIDENT REVIEW TEMPLATE |
| CORP-HS-PRE-1003 | KML SITE SPECIFIC INDUCTION |
| CORP-HS-PRE-1005 | SHORT TERM WORKER INDUCTION |
| CORP-HS-PRE-1006 | ENTER AND WORK IN CONFINED SPACES PRESENTATION |
| CORP-HS-PRE-1010 | JOB HAZARD ANALYSIS (JHA) PRESENTATION |
| CORP-HS-PRE-1012 | VISITORS INDUCTION PRESENTATION |
| CORP-HS-PRE-1013 | TAKE 5 PRESENTATION |
| CORP-HS-PRE-1014 | WORKING AT HEIGHTS PRESENTATION |
| CORP-HS-PRE-1019 | ISOLATION AND TAGGING PRESENTATION |
| CORP-HS-PRE-1022 | OPERATION  OF HIGH PRESSURE WATER PUMP PRESENTATION |
| CORP-HS-PRE-1023 | LIGHT VEHICLE DRIVING AWARENESS PRESENTATION |
| CORP-HS-PRO-1002 | GENERAL HSE INDUCTION - INDIVIDUAL ONLINE PROCEDURE |
| CORP-HS-PRO-1003 | GENERAL ELECTRICAL SAFETY PROCEDURE |
| CORP-HS-PRO-1004 | WORKING AT HEIGHTS PROCEDURE |
| CORP-HS-PRO-1005 | CONFINED SPACE ENTRY PROCEDURE |
| CORP-HS-PRO-1006 | ISOLATION AND TAGGING PROCEDURE |

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| CORP-HS-PRO-1007 | CRANE MANAGEMENT PROCEDURE |
| CORP-HS-PRO-1008 | MOBILE PLANT, EQUIPMENT AND LIGHT VEHICLE PROCEDURE |
| CORP-HS-PRO-1009 | HIGH VOLTAGE ELECTRICAL SAFETY PROCEDURE |
| CORP-HS-PRO-1011 | HOUSEKEEPING PROCEDURE |
| CORP-HS-PRO-1012 | CLASSIFIED PLANT MANAGEMENT PROCEDURE |
| CORP-HS-PRO-1013 | WORKPLACE HEALTH & SAFETY COMMITTEE PROCEDURE |
| CORP-HS-PRO-1015 | EXCAVATION PROCEDURE |
| CORP-HS-PRO-1017 | LIGHTNING MANAGEMENT PROCEDURE |
| CORP-HS-PRO-1020 | JOB HAZARD ANALYSIS PROCEDURE |
| CORP-HS-PRO-1022 | SITE ENTRY PROCEDURE |
| CORP-HS-PRO-1029 | WORKING IN HEAT PROCEDURE |
| CORP-HS-PRO-1030 | WHS ISSUE RESOLUTION PROCEDURE |
| CORP-HS-PRO-1032 | HSE PERFORMANCE REPORTING PROCEDURE |
| CORP-HS-PRO-1035 | SAFETY INTERFACE AGREEMENT PROCEDURE - RAIL |
| CORP-HS-PRO-1036 | MANUAL HANDLING PROCEDURE |
| CORP-HS-PRO-1037 | PERSONAL PROTECTIVE EQUIPMENT PROCEDURE |
| CORP-HS-PRO-1038 | SAMPLING MEDIA PLACEMENT PROCEDURE |
| CORP-HS-PRO-1039 | SITE VISIT AND JOURNEY PLANNER PROCEDURE |
| CORP-HS-PRO-1041 | OH&S RISK MANAGEMENT |
| CORP-HS-PRO-1042 | ELEVATED WORK PLATFORM PROCEDURE |
| CORP-HS-PRO-1043 | GRIDMESH AND FLOORING - INSTALLATION AND REMOVAL PROCEDURE |
| CORP-HS-PRO-1044 | KARARA SITE ACCESS CARD PROCEDURE |
| CORP-HS-PRO-1045 | FIBROUS MATERIAL MANAGEMENT PROCEDURE |

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| CORP-HS-PRO-1046 | INCIDENT MANAGEMENT PROCEDURE |
| CORP-HS-PRO-1047 | TILT UP CONCRETE CONSTRUCTION PROCEDURE |
| CORP-HS-PRO-1048 | BULK EARTHWORKS AND CIVIL WORKS PROCEDURE |
| CORP-HS-PRO-1050 | OFFICE SAFETY PROCEDURE |
| CORP-HS-PRO-1051 | INJURY MANAGEMENT PROCEDURE |
| CORP-HS-PRO-1052 | ALCOHOL AND OTHER DRUGS PROCEDURE |
| CORP-HS-PRO-1059 | OPERATIONS OF HIGH PRESSURE WATER PUMP |
| CORP-HS-PRO-1060 | HIGH VOLTAGE ACCESS PROCEDURE |
| CORP-HS-PRO-1063 | RESPIRATORY PROTECTION PROCEDURE |
| CORP-HS-PRO-1064 | OCCUPATIONAL HEALTH, SATETY AND TRAINING AUDIT PROCEDURE |
| CORP-HS-PRO-1065 | CHANGE MANAGEMENT PROCEDURE |
| CORP-HS-PRO-1066 | COMMUNICATION AND CONSULTATION PROCEDURE |
| CORP-HS-PRO-1067 | BODY CAMERA PROCEDURE |
| CORP-HS-PRO-2001 | SAFE WORK PROCEDURE (SWP) - GENERAL HOUSEKEEPING |
| CORP-HS-PRO-2002 | SAFE WORK PROCEDURE (SWP) - SWP CHECK SAFETY SYSTEMS |
| CORP-HS-PRO-2004 | SAFE WORK PROCEDURE (SWP) - CLEAN SLURRY BUILD UP AND SPILLAGE |
| CORP-HS-PRO-2006 | SAFE WORK PROCEDURE (SWP) - GAP PRIMARY CRUSHER |
| CORP-HS-PRO-2008 | SAFE WORK PROCEDURE (SWP) - PRIMARY CRUSHING ROUTINE TASKS & INSPECTIONS THROUGHOUT SHIFT |
| CORP-HS-PRO-2009 | SAFE WORK PROCEDURE (SWP) - VEHICLE ACCESS TO ROM PAD |
| CORP-HS-PRO-2031 | SAFE WORK PROCEDURE (SWP) - USE OF AUTOMATED LIGHT VEHICLE WASH FACILITY |
| CORP-HS-PRO-2036 | SAFE WORK PROCEDURE (SWP) - SECONDARY CRUSHING CIRCUIT ROUTINE TASKS THROUGHOUT SHIFT |
| CORP-HS-PRO-2058 | SAFE WORK PROCEDURE (SWP) - RESPOND TO HIGH BIN LEVEL BN-007 |
| CORP-HS-PRO-2066 | SAFE WORK PROCEDURE (SWP) - FIRE EXTINGUISHER TRAINING |

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| CORP-HS-PRO-2067 | SAFE WORK PROCEDURE (SWP) - VEHICLE EXTRICATION TRAINING |
| CORP-HS-PRO-2074 | SAFE WORK PROCEDURE (SWP) - HANDLING, CAPTURE AND RELOCATION OF HERPETOFAUNA (REPTILES) |
| CORP-HS-PRO-2106 | SAFE WORK PROCEDURE (SWP) - CONTROL AND CLEAN UP CHEMICAL/HYDROCARBON SPILL |
| CORP-HS-REP-1002 | KARARA AERODROME - GO AROUND MARKERS RISK ASSESSMENT REPORT |
| CORP-HS-REP-1003 | KARARA AERODROME - RNAV (GNSS) APPROACH DESIGN TRANSITIONAL SURFACE INFRINGEMENT |
| CORP-HS-STD-1003 | INCIDENT MANAGEMENT STANDARD |
| CORP-HS-STD-1011 | MATERIAL TRANSPORTATION STANDARD |
| CORP-HS-STD-1012 | STEEL ERECTION AND RIGGING STANDARD |
| CORP-HS-STD-1013 | COMMUNICATING OCCUPATIONAL HEALTH & SAFETY ACROSS NON ENGLISH SPEAKING LANGUAGES |
| CORP-HS-STD-1020 | BARRICADES AND BARRIERS STANDARD |
| CORP-HS-STD-1021 | CONFINED SPACE ENTRY STANDARD |
| CORP-HS-STD-1024 | EXCAVATION AND PENETRATION STANDARD |
| CORP-HS-STD-1025 | FALL PREVENTION / PROTECTION AND RECOVERY STANDARD |
| CORP-HS-STD-1027 | FLAMMABLE AND COMBUSTIBLE LIQUIDS STANDARD |
| CORP-HS-STD-1028 | GRINDER SAFETY STANDARD |
| CORP-HS-STD-1029 | HAND TOOLS (POWERED, UNPOWERED AND EXPLOSIVE) STANDARD |
| CORP-HS-STD-1030 | HOT WORK STANDARD |
| CORP-HS-STD-1034 | LONE AND ISOLATED WORKER STANDARD |
| CORP-HS-STD-1036 | PERMIT TO WORK STANDARD |
| CORP-HS-STD-1037 | PERSONAL HAZARD IDENTIFICATION (TAKE 5) STANDARD |
| CORP-HS-STD-1041 | SCAFFOLDING, LADDERS, STAIRS & WALKWAYS STANDARD |
| CORP-HS-STD-1042 | STORAGE AND USE OF HAZARDOUS SUBSTANCES STANDARD |
| CORP-HS-STD-1043 | WELDING HEALTH AND SAFETY STANDARD |

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| CORP-HS-STD-1044 | WORKING AT HEIGHTS STANDARD |
| CORP-HS-STD-1045 | LANGUAGE AND LITERACY STANDARD |
| CORP-HS-STD-1046 | LIFTING AND RIGGING EQUIPMENT STANDARD |
| CORP-PT-PRO-1009 | BIOSECURITY INCIDENT RESPONSE PROCEDURE |
| CORP-PT-PRO-2001 | SAFE WORK PROCEDURE (SWP) – CONDUCT DWT PRE-START INSPECTION |
| CORP-PT-PRO-2002 | SAFE WORK PROCEDURE (SWP) – CONDUCT INLOADING STARTUP |
| CORP-PT-PRO-2008 | SAFE WORK PROCEDURE (SWP) – RESPOND TO PARTED ORE WAGON |
| CORP-PT-PRO-2009 | SAFE WORK PROCEDURE (SWP) – RESPOND TO STUCK ARM FAULT |
| CORP-PT-PRO-2010 | SAFE WORK PROCEDURE (SWP) – RESPOND TO WAGON MISALIGNMENT |
| CORP-PT-PRO-2011 | SAFE WORK PROCEDURE (SWP) – RESPOND TO UNKNOWN FAULT |
| CORP-PT-PRO-2012 | SAFE WORK PROCEDURE (SWP) – DWT BREAKDOWN ISOLATION |
| CORP-PT-PRO-2014 | SAFE WORK PROCEDURE (SWP) – CARRY OUT HATCH CHANGE |
| CORP-PT-PRO-2061 | SAFE WORK PROCEDURE (SWP) - MOBILISATION OF EWP ON PUBLIC ROAD |
| CORP-PT-PRO-2064 | SAFE WORK PROCEDURE (SWP) - CRANE MANUAL EXTENSION / RETRACTION |
| CORP-PT-PRO-2066 | SAFE WORK PROCEDURE (SWP) - RESPONDING TO HOT CONVEYOR BEARINGS |
| CORP-PT-PRO-2067 | SAFE WORK PROCEDURE (SWP) - DRESS GRINDER WHEEL |
| CORP-GE-PRO-1001 | VILLAGE RULES AND REGULATIONS |
| CORP-EN-PLN-1001 | OPERATIONS ENVIRONMENTAL MANAGEMENT PLAN |
| CORP-EN-PLN-1002 | EXPLORATION ENVIRONMENTAL MANAGEMENT PLAN |
| CORP-EN-PLN-1008 | FAUNA MANAGEMENT PLAN |
| CORP-EN-PLN-1010 | ENVIRONMENTAL PLAN - DUST MANAGEMENT PLAN |
| CORP-EN-PLN-1011 | ENVIRONMENTAL PLAN - FLORA AND VEGETATION MANAGEMENT PLAN |
| CORP-EN-PLN-1012 | FLORA AND VEGETATION HEALTH MONITORING PLAN |

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| CORP-EN-PLN-1013 | ENVIRONMENTAL WASTE MANAGEMENT PLAN |
| CORP-EN-PLN-1018 | ENVIRONMENTAL PLAN - WATER CONSERVATION AND EFFICIENCY |
| CORP-EN-PLN-1020 | ENVIRONMENT MANAGEMENT PLAN |
| CORP-EN-PLN-1027 | DRINKING WATER QUALITY MANAGEMENT PLAN |
| CORP-EN-PLN-1028 | MINJAR WATER MANAGEMENT PLAN |
| CORP-EN-POL-1001 | KARARA ENVIRONMENT POLICY |
| CORP-EN-PRO-1002 | ENVIRONMENTAL PROCEDURE - LAND REHABILITATION |
| CORP-EN-PRO-1004 | ENVIRONMENTAL PROCEDURE - APPROVAL REQUESTS AND GROUND DISTURBANCE |
| CORP-EN-PRO-1005 | ENVIRONMENTAL PROCEDURE - DUST MONITORING |
| CORP-EN-PRO-1006 | ENVIRONMENTAL PROCEDURE - COMPLIANCE AUDITING |
| CORP-EN-PRO-1009 | ENVIRONMENTAL PROCEDURE - FLORA, WEEDS AND PLANT PATHOGENS |
| CORP-EN-PRO-1010 | ENVIRONMENTAL PROCEDURE - TERRESTRIAL FAUNA MANAGEMENT |
| CORP-EN-PRO-1011 | KARARA CORPORATE STANDARD - ENVIRONMENTAL PROCEDURE - SURFACE WATER MANAGEMENT |
| CORP-EN-PRO-1014 | ENVIRONMENTAL PROCEDURE – APPROVALS SCHEDULE DEVELOPMENT |
| CORP-EN-PRO-1015 | ENVIRONMENTAL PROCEDURE - SOIL RESOURCE MANAGEMENT |
| CORP-EN-PRO-1019 | ENVIRONMENTAL PROCEDURE – WASTE WATER TREATMENT PLANT DISCHARGE SAMPLING AND MONITORING |
| CORP-EN-PRO-1025 | ENVIRONMENTAL PROCEDURE - SHIELD-BACKED TRAPDOOR SPIDER MANAGEMENT AND MONITORING |
| CORP-EN-PRO-1030 | ENVIRONMENTAL PROCEDURE – EXPLORATION REHABILITATION STANDARD |
| CORP-EN-PRO-1035 | MALLEEFOWL MANAGEMENT AND MONITORING PROCEDURE |
| CORP-EN-PRO-1037 | ENVIRONMENTAL PROCEDURE - SEED COLLECTION, CLEANING AND STORAGE PROCEDURE |
| CORP-EN-PRO-1040 | ENVIRONMENTAL PROCEDURE - REHABILITATION PERFORMANCE MONITORING |
| CORP-EN-PRO-1042 | ENVIRONMENTAL PROCEDURE - COMMUNITY WATER MONITORING PROCEDURE |
| CORP-EN-PRO-1045 | ENVIRONMENTAL AND HERITAGE DATA MANAGEMENT PROCEDURE |

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| CORP-EN-PRO-1049 | ENVIRONMENTAL PROCEDURE - DOCUMENT DEVELOPMENT AND REVIEW |
| CORP-EN-PRO-1050 | ENVIRONMENTAL PROCEDURE - FERAL ANIMAL MANAGEMENT AND MONITORING |
| CORP-EN-PRO-1051 | POTENTIALLY ACID FORMING MATERIALS MANAGEMENT PROCEDURE |
| CORP-EN-PRO-1052 | REHABILITATION SCHEDULE PROCEDURE |
| CORP-EN-PRO-1053 | GUIDANCE FOR CONTRACTOR AND RESEARCHER HSE MANAGEMENT PLANS FOR KARARA SITE WORK UNDER THE ENVIRONMENT AND COMMUNITY DEPARTMENT |
| CORP-HR-POL-1002 | KARARA NO SHOW GUIDELINES |
| CORP-AD-FRM-1046 | SITE ENTRY REQUEST FORM |
| CORP-AD-FRM-1018 | SITE VISITOR REQUEST FORM (SVRF) |
| CORP-PT-PRO-1006 | ORE STORAGE SHED ENTRY PROCEDURE |
| CORP-QA-PLN-1001 | PROJECT QUALITY PLAN |
| CORP-QA-SPC-1001 | SUPPLIER QUALITY REQUIREMENTS SPECIFICATION |
| CORP-QA-SPC-1002 | REQUIREMENTS FOR COMPILATION OF MANUFACTURER'S DATA REPORT (MDR) BY CONTRACTORS |
| CORP-QA-SPC-1003 | CONTRACTOR QUALITY REQUIREMENTS SPECIFICATION |
| CORP-TR-PRO-1001 | TRAINING AND COMPETENCY PROCEDURE |
| CORP-TR-PRO-1002 | TRAINING NEEDS ANALYSIS PROCEDURE |
| CORP-TR-PRO-1002 | KML CONTRACTOR HSEQ GUIDELINES |
| CORP-HR-POL-1006 | CODE OF CONDUCT POLICY |

Table 8.1 Applicable Document

## 9. KEY PERFORMANCE INDICATOR AND PAYMENT

### 9.1 General

a) The Contractor must perform the Services pursuant to the Contract. The relative performance by the Contractor of its obligations under the Contract will be measured, assessed and certified by the Company Representative during each Contract Month against each of the following Key Performance Indicators (**KPIs**) which have been broken down into separate sections within this Contract, which are:

(i) Safety;

(ii) Downtime;

(iii) Online Inspection and Maintenance Work Order Completion Rate;

(iv) Shutdown Work Order Completion Rate; and

(v) Quality.

b) If the Company exercises its right to terminate the Contract including due to unacceptable performance (i.e. failing to meet the minimum requirement of KPIs outlined above):

(i) The Company will not be liable to pay the Contractor's demobilisation costs; and

(ii) The costs incurred by the Company of engaging another contractor to take over the Contract will be borne by the Contractor.

### 9.2 KPIs

a) Safety

(i) For each Contract Month, the Contractor must not be wholly or partly responsible for a Reportable Incident (RI) during a Contract Month. The Baseline for Safety (**RI _Baseline**) is as follows:

(RI_Baseline) = 0

(ii) For each Contract Month, if the Contractor is not be wholly or partly responsible for any Reportable Incident (RI), then the Company Representative shall certify, as due and payable to the Contractor, a bonus (**B_Safety**) of $5,000 for that Contract Month.

If RI = 0, then B_Safety = $5,000.

(ii) If there is a RI attributable to the Contractor during any Contract Month, then the Company Representative shall certify, as due and payable to the Company, liquidated damages (**LD_Safety**) of $5,000 for each occurrence of a RI up to a maximum of $20,000 for the Contract Month:

a. If $1 \le RI \le 4$, LD_Safety = $5,000 × RI; and

b. If RI > 4, LD_Safety = $20,000 (for Contract Month).

(iii) 'Reportable Incident' is defined in Schedule 4 of the Contract.

b) Downtime

(i) The relevant Plant and Equipment comprises the dry plant and the wet plant as defined by Section 9.3 (b) of this Schedule 2. Downtime for dry plant and wet plant shall be measured calculated and certified separately.

(ii) For each Contract Month, the Contractor must not be wholly or partly responsible for Downtime (**DT**) greater than the Baseline for Downtime (**DT_Baseline**) of the relevant Plant and Equipment (for dry plant: **DT_Baseline_Dry;** for wet plant: **DT_Baseline_Wet**) of the relevant Contract Month.

(iii) If the Downtime (**DT**) of the relevant Plant and Equipment (for dry plant: **DT_Dry;** for wet plant: **DT_Wet**) for which the Contractor is wholly or partly responsible is less than the DT_Baseline of the Contract Month, then the Company Representative shall certify, as due and payable to the Contractor, a bonus (**B_DT**) as follows:

a. For dry plant: a bonus (**B_DT_Dry**) of $3, 000 for every complete hour that is less than the DT_Baseline_Dry:

If DT_Dry < DT_Baseline_Dry, then B_DT_Dry = $3, 000 × (DT_Baseline_Dry – DT_Dry).

b. For wet plant: a bonus (**B_DT_Wet**) of $5, 000 for every complete hour that is less than the DT_Baseline_Wet:

If DT_Wet < DT_Baseline_Wet, then B_DT_Wet = $5, 000 × (DT_Baseline_Wet – DT_Wet).

c. For each Contract Month: the total bonus with respect to Downtime (**B_DT**) is calculated and certified as:

B_DT = B_DT_Dry + B_DT_Wet.

(iv) If the Downtime (**DT**) of the relevant Plant and Equipment (for dry plant: **DT_Dry;** for wet plant: **DT_Wet**) for which the Contractor is wholly or partly responsible is greater than DT_Baseline of the Contract Month, then the Company Representative shall certify, as due and payable to the Company, liquidated damages (**LD**) as follows:

a. For dry plant: liquidated damages (**LD_DT_Dry**) of $5, 000 for every hour or part thereof in excess of the DT_Baseline_Dry:

If DT_Dry > DT_Baseline_Dry, then LD_DT_Dry = $5,000 × (DT_Dry - DT_Baseline_Dry); and

b. For wet plant: liquidated damages (**LD_DT_Wet**) of $8, 000 for every hour or part thereof in excess of the DT_Baseline_Wet.

If DT_Wet > DT_Baseline_Wet, then LD_DT_Wet = $8,000 × (DT_Wet - DT_Baseline_Wet)

c. For each Contract Month: the total liquidated damages with respect to Downtime (**LD_DT**) is calculated and certified as:

   LD_DT = LD_DT_Dry + LD_DT_Wet, up to a cumulative maximum of $100,000 for the Contract Month as specified below.

d. Liquidated damages maximum: $100,000 (for a Contract Month): The maximum limit of liquidated damages shall be applied to the sum of the liquidated damages for dry plant (**LD_Dry**) and the liquidated damages for wet plant (**LD_Wet**) for the Contract Month:

   LD_Dry + LD_Wet (for Contract Month) ≤ $100,000 (for Contract Month).

(v) Downtime, relevant Plant and Equipment and applicable DT_Baseline of the relevant Plant and Equipment during each Contract Month is defined in Section 9.3 (b) of this Schedule 2 – Services.

(vi) Shutdown overrun, shutdown overrun to be defined as a downtime and refer to the penalty of downtime.

a. For each category 1 shutdown completed on or ahead of schedule with no less than 98% Shutdown Work Order Completion Rate (SHUTDOWN%). Contractor will receive a bonus of $5000.

b. For each category 2 shutdown completed on or ahead of schedule with no less than 98% Shutdown Work Order Completion Rate (SHUTDOWN%). Contractor will receive a bonus of $2000.

c. For each category 3 shutdown completed on or ahead of schedule with no less than 98% Shutdown Work Order Completion Rate (SHUTDOWN%). Contractor will receive a bonus of $10000.

(vii) Please Note the downtime due to the Company supplied spare parts or/and material quality issues will not be counted into the contractor's KPI.

c) Online Inspection and Maintenance Work Order Completion Rate:

(i) For each Contract Month, the Contractor must complete greater than ninety-eight percent (98%) of Online Inspection and Maintenance Work Orders in accordance with the specified scope, terms and conditions of the Work Order scheduled to be completed by the Contractor in that Contract Month (**calculated on a weekly basis**). The Baseline for Online Inspection and Maintenance Work Orders (**ONLINE_Baseline**) is set as 98% of the total number of Online Inspection and Maintenance Work Orders scheduled to be completed by the Contractor in that Contract Month(**calculated on a weekly basis**).:

ONLINE-Baseline = 98% of total number of Online Inspection and Maintenance Work Orders scheduled to be completed by the Contractor in that Contract Month(**calculated on a weekly basis**)..

(ii) If the percentage rate of completion by the Contractor of Online Inspection and Maintenance Work Orders during a Contract Month (**Online Inspection and Maintenance Work Order Completion Rate**) (**ONLINE%**) is less than 98% during any Contract Month, then the Company Representative shall certify, as due and payable to the Company, liquidated damages of $1,000 (**LD_ONLINE**) for every 1% that is under 98% for the Contract Month.

a. If ONLINE% < 98%, **LD_ONLINE** = $1000 × (98% – ONLINE%)

b. A fractional integer **LD_ONLINE** shall be rounded to the highest percentage integer.

(iii) If the percentage rate of completion by the Contractor of Online Inspection and Maintenance Work Orders during a Contract Month (**Online Inspection and Maintenance Work Order Completion Rate**) (**ONLINE%**) is greater than 98% during any Contract Month, then the Company Representative shall certify, as due and payable to the Company, a bonus of $1,000 (**LD_ONLINE**) for every 1% that is above 98% for the Contract Month.

c. If ONLINE% > 98%, **LD_ONLINE** = $1,000 × (ONLINE% – 98%)

d. A fractional integer **LD_ONLINE** shall be rounded to the highest percentage integer.

(iv) If the Contractor achieves greater than ninety-eight percent (98%) of Online Inspection and Maintenance Work Orders in accordance with the specified scope, terms and conditions of the Work Orders scheduled to be completed by the Contractor in that Contract Month in each of three (3) consecutive Contract Months, then:

A. The Company Representative shall certify, as due and payable to the Contractor, a bonus of $5,000 (**B_ONLINE**) with respect to the achievement for the period of three (3) consecutive Contract Months (**First Period**);

B. No further bonus will be earned or payable unless the Contractor achieves greater than ninety eight percent (98%) of Online Inspection and Maintenance Work Orders in accordance with the specified scope, terms and conditions of the Work Orders scheduled to be completed by the Contractor in that Contract Month **(calculated on a weekly basis)**, in a further and later period of three (3) consecutive Contract Months (excluding all Contract Months of the First Period); and

C. A fractional integer B_ONLINE shall be rounded to the highest percentage integer.

d) Shutdown Work Order Completion Rate

i. For each Shutdown, the Contractor must complete ninety-eight percent (98%) of Shutdown Work Orders in accordance with the specified scope, terms and conditions of the Work Order scheduled to be completed by the Contractor during the Shutdown. The Baseline for Shutdown Work Orders (**SHUTDOWN_Baseline**) is set as 98% of the total number of Shutdown Work Orders scheduled to be completed by the Contractor during that Shutdown:

   SHUTDOWN-Baseline = 98% of total number of Shutdown Work Orders scheduled to be completed by the Contractor during that Shutdown.

ii. If the percentage rate of completion by the Contractor of Shutdown Work Orders during the Shutdown (**Shutdown Work Order Completion Rate**) (**SHUTDOWN%**) is reach 100% during any Shutdown, then the Company Representative shall certify, as due and payable to the Company, a bonus of of $2,000 (**LD_SHUTDOWN**) for the Contract Month.

   a. If SHUTDOWN% = 100%, **LD_SHUTDOWN** = $2,000

   b. A fractional integer **LD_SHUTDOWN** shall be rounded to the highest percentage integer.

iii. If the percentage rate of completion by the Contractor of Shutdown Work Orders during the Shutdown (**Shutdown Work Order Completion Rate**) (**SHUTDOWN%**) is less than 98% during any Shutdown, then the Company Representative shall certify, as due and payable to the Company, liquidated damages of $1,000 (**LD_SHUTDOWN**) for every 1% that is under 98% for the Contract Month.

   c. If SHUTDOWN% < 98%, **LD_SHUTDOWN** = $1,000 × (98% – SHUTDOWN%)

   d. A fractional integer **LD_SHUTDOWN** shall be rounded to the highest percentage integer.

e) Quality

(i) For each Contract Month, the Contractor must not be wholly or partly responsible for a Quality Incident (**QI**) during a Contract Month. The Baseline for Quality (**QI_Baseline**) is as follows:

   (QI_Baseline) = 0

(ii) If the Contractor is wholly or partly responsible for a Quality Incident (**QI**) during a Contract Month, then the Company Representative shall certify, as due and payable to the Company, liquidated damages (**LD_Quality**) of $3,000 for each occurrence of a QI for the Contract Month:

   LD_Quality = $3,000 × Number of QI

(iii) If the Contractor is wholly or partly responsible for a Quality Issue of online inspection work order (QIOI) during a Contract Month, then the Company Representative shall certify, as due and payable to the Company, liquidated damages (LD_Quality) of $500 for each work order of a QIOI for the Contract Month:

LD_Quality = $500 × Number of QIOI

(iv) 'Quality Incident' is defined in Schedule 4 of the Contract.

### 9.3 KPIs - Measurement Assessment and Certification by Company Representative

a) Safety

The number of Reportable Incidents for which the Contractor is certified by the Registered Manager as wholly or partly responsible during a Contract Month shall be the basis for measurement assessment and certification of the relative performance by the Contractor of its obligations under the Contract by the Company Representative during each Contract Month with respect to Safety.

b) Downtime

(i) Downtime, for which the Contractor is wholly or partly responsible, will be recorded and published to the Contractor during each Contract Month by the Company Representative in the form of a written report of recorded Downtime for the Contract Month (**Downtime Report**).

(ii) The Downtime Report will specify, with respect to each Contract Month:

A. The number of hours of Breakdown Time for which the Contractor is wholly or partly responsible for dry plant and wet plant respectively; and

B. The number of hours of Shutdown Overrun Time for which the Contractor is wholly or partly responsible for dry plant and wet plant respectively

(iii) The Downtime Report shall be the basis for measurement assessment and certification of the relative performance by the Contractor of its obligations under the Contract by the Company Representative during each Contract Month with respect to the number of hours of Downtime for which the Contractor is wholly or partly responsible during a Contract Month.

(iv) For the purposes of the Downtime Report:

A. Downtime means the sum of

a. Breakdown Time as defined by Schedule 4 – Special Conditions for which the Contractor is wholly or partly responsible as recorded by the Downtime Report; plus

b. Shutdown Overrun Time as defined by Schedule 4 – Special Conditions for which the Contractor is wholly or partly responsible as recorded by the Downtime Report.

B. Downtime is measured in hours and in 30 minutes increments.

C. The relevant Plant and Equipment are:

a. Each of the five (5) Conveyors (with Area Codes 1301, 1302 and 1303 covering **CV001, CV002, CV003, CV005** and **CV007**) – the dry plant; and

b. Each of these Conveyors (with Area Codes other than 1301, 1302 and 1303) covering [**CV011, CV012, CV041, CV020, CV021, CV022, ST008** and **ST009]** and **[CV009, CV010, FE008, FE009, FE014, FE015, FE016, FE017, FE031, FE032, FE033, FE034, FE035, FE036, FE037 and the feeders and belts in the new tailing filter buildings]**– the wet plant.

D. Downtime for dry plant and wet plant shall be recorded, calculated and certified separately.

E. Downtime is recorded on:

a. Each of the five (5) Conveyors (with Area Codes 1301, 1302 and 1303) covering **CV001, CV002, CV003, CV005** and **CV007**)

- The dry plant; and

b. Each of the:

1. Eight (8) Conveyors (with Area Codes other than 1301, 1302 and 1303) covering [**CV011, CV012, CV041, CV020, CV021, CV022, ST008** and **ST009];** and

2. Four (4) Conveyors (with Area Codes other than 1301, 1302 and 1303) covering [**CV009, CV010, FE008** and **FE009];and**

3. Conveyors covering **[FE014, FE015, FE016, FE017, FE031, FE032, FE033, FE034, FE035, FE036, FE037 and the feeders and belts in the new tailing filter buildings]**

- The wet plant.

(v) Downtime is measured as the sum of Downtime recorded by the Downtime Report for the relevant Plant and Equipment:

A. The sum of dry plant Downtime (**DT_Dry**) measured as Downtime recorded by the Downtime Report for each of CV001, CV002, CV003, CV005 and CV007 that has caused Downtime on CR001:

**DT_Dry** = DT_CV001 + DT_CV002 + DT_CV003 +DT_CV005 + DT_CV007 (causing Downtime on CR001);

<u>Where</u>:

**DT_ CV001**: means Downtime recorded by the Downtime Report on CV001 (causing Downtime on CR001);

**DT_ CV002**: means Downtime recorded by the Downtime Report on CV002 (causing Downtime on CR001);

**DT_ CV003**: means Downtime recorded by the Downtime Report on CV003 (causing Downtime on CR001);

**DT_ CV005**: means Downtime recorded by the Downtime Report on CV005 (causing Downtime on CR001);

**DT_ CV007**: means Downtime recorded by the Downtime Report on CV007 (causing Downtime on CR001); and

B. The sum of wet plant Downtime (**DT_Wet**) measured as Downtime recorded by the Downtime Report for both of the below two scenarios:

a. The sum of Downtime on CV011, CV012, CV041, CV020, CV021, CV022, ST008 and ST009; and

b. The sum of Downtime on CV009, CV010, FE008, FE009, FE014, FE015, FE016, FE017, FE031, FE032, FE033, FE034, FE035, FE036, FE037 and the feeders and belts in the new tailing filter buildings multiplied by 0.5:

**DT_Wet** = [DT_CV011 + DT_CV012 + DT_CV041 + DT_CV020 + DT_CV021 + DT_CV022 + DT_ST008 + DT_ST009] + [(DT_CV009 + DT_CV010 + DT_FE008 + DT_FE009 + DT_FE014 + DT_FE015 + DT_FE016 + DT_FE017+ DT_FE031 + DT_FE032 + DT_FE033 + DT_FE034 + DT_FE035 + DT_FE036 + DT_FE037+ DT_feeders and belts in the new tailing filter buildings )] × 0.5.

<u>Where</u>

**DT_CV011** means Downtime recorded by the Downtime Report on CV011 that causes Full Plant Shut

**DT_CV012** means Downtime recorded by the Downtime Report on CV012 that causes Full Plant Shut

**DT_CV041** means Downtime recorded by the Downtime Report on CV041 that causes Full Plant Shut

**DT_CV020** means Downtime recorded by the Downtime Report on CV020 that causes Full Plant Shut

**DT_CV021** means Downtime recorded by the Downtime Report on CV021 that causes Full Plant Shut

**DT_CR022** means Downtime recorded by the Downtime Report on CR022 that causes Full Plant Shut

**DT_ST008** means Downtime recorded by the Downtime Report on ST008 that causes Full Plant Shut

**DT_ST009** means Downtime recorded by the Downtime Report on ST009 that causes Full Plant Shut

**DT_CV009** means Downtime recorded by the Downtime Report on CV009 that causes Half Plant Shut

**DT_CV010** means Downtime recorded by the Downtime Report on CV010 that causes Half Plant Shut

**DT_FE008** means Downtime recorded by the Downtime Report on FE008 that causes Half Plant Shut

**DT_FE009** means Downtime recorded by the Downtime Report on FE009 that causes Half Plant Shut

**DT_FE014** means Downtime recorded by the Downtime Report on FE014

**DT_FE015** means Downtime recorded by the Downtime Report on FE015

**DT_FE016**means Downtime recorded by the Downtime Report on FE016

**DT_FE017** means Downtime recorded by the Downtime Report on FE017

**DT_FE031** means Downtime recorded by the Downtime Report on FE031

**DT_FE032** means Downtime recorded by the Downtime Report on FE032

**DT_FE033** means Downtime recorded by the Downtime Report on FE033

**DT_FE034** means Downtime recorded by the Downtime Report on FE034

**DT_FE035** means Downtime recorded by the Downtime Report on FE035

**DT_FE036** means Downtime recorded by the Downtime Report on FE036

**DT_FE037** means Downtime recorded by the Downtime Report on FE037

**DT_ Conveyors in the new tailing filter buildings** means Downtime recorded by the Downtime Report on Conveyors in the new tailing filter buildings

**Full Plant Shut** means the Company's processing plant or any system, equipment or component of the processing plant or line/s, with Area Codes other than 1301, 1302 and 1303, at the Site is closed and does not operate for any period of time.

**Half Plant Shut** means half of the Company's processing plant or any system, equipment or component of the processing plant or line/s, with Area Code other than 1301, 1302 and 1303, at the Site is closed and does not operate for any period of time.

**Area Code** means a number which describes an area of the Company's processing plant or any system, equipment or component of the processing plant or line/s specified by the drawings annexed to Schedule 2 – Services as 'Appendix E'.

(vi) The Baseline for Downtime of the relevant Plant and Equipment for each Contract Month is as follows:

a. The Baseline for Downtime for dry plant (**DT_Baseline_Dry**) is set as 1% of the total calendar time of the relevant Contract Month:

i. DT_Baseline_Dry = 1% of total calendar time of Contract Month.

ii. For example for a 30 days month, the Baseline for Downtime **DT_Baseline_Dry** = 1% × 30 × 24hrs = 7.2hrs.

b. The Baseline for Downtime for wet plant (**DT_Baseline_Wet**) is set as 0.2% of the total calendar time of the relevant Contract Month:

i. DT_Baseline_Wet = 0.2% of total calendar time of Contract Month.

ii. For example for a 30 days month, the Baseline for Downtime **DT_Baseline_Wet** = 0.2% × 30 × 24hrs = 1.44hrs.

c) Online Inspection and Maintenance Work Order

(i) The Company Representative will record and publish to the Contractor during each Contract Month (calculated weekly) a report with data from the CMMS for the Contract Month (**ONLINE Report**) reporting the number of:

A. Online Inspection and Maintenance Work Orders actually completed by the Contractor in a Contract Month (calculated weekly) in accordance with the specified scope, terms and conditions of the Work Order; and

B. The total number of Online Inspection and Maintenance Work Orders scheduled to be completed by the Contractor in that Contract Month (calculated weekly) by the Contractor.

(ii) The ONLINE Report shall be the basis for measurement assessment and certification of the relative performance by the Contractor of its obligations under the Contract by the Company Representative during each Contract Month with respect to completion of Online Inspection and Maintenance Work Orders by the Contractor.

(iii) The percentage rate of completion equals to:

A. The number of Online Inspection and Maintenance Work Orders actually completed by the Contractor in a Contract Month (calculated weekly) in accordance with the specified scope, terms and conditions of the Work Order; divided by

B. The total number of Online Inspection and Maintenance Work Orders scheduled to be completed by the Contractor in that Contract Month(calculated weekly), and

C. Converted to a percentage rate rounded to a whole number.

d) Shutdown Work Order Completion Rate

(i) The Company Representative will record and publish to the Contractor during each Shutdown a report with data from the CMMS for the Contract Month (**SHUTDOWN Report**) reporting the number of:

A. Shutdown Work Orders actually completed by the Contractor during a Shutdown in accordance with the specified scope, terms and conditions of the Work Order; and

B. The total number of Shutdown Work Orders scheduled to be completed by the Contractor during that Shutdown by the Contractor.

(ii) The **SHUTDOWN Report** shall be the basis for measurement assessment and certification of the relative performance by the Contractor of its obligations under the Contract by the Company Representative during each Shutdown with respect to completion of Shutdown Work Orders by the Contractor.

(iii) The percentage rate of completion equals to:

A. The number of Shutdown Work Orders actually completed by the Contractor during the Shutdown in accordance with the specified scope, terms and conditions of the Work Order; divided by

B. The total number of Shutdown Work Orders scheduled to be completed by the Contractor during that Shutdown, and

C. Converted to a percentage rate rounded to a whole number

e) Quality

(i) Work Quality will be monitored by the Company's Maintenance and Engineering Department and the Company's Representative/delegate. Each Quality Incident will be recorded by the Company's Maintenance and Engineering Department and a copy of the record submitted to the Company's Representative for his review.

(ii) The Company's Representative will notify the Contractor in writing of Quality Incident as soon as reasonably practicable after a Quality Incident occurs and the Company's Representative has completed a root cause analysis (RCA) of the record submitted by the Company's Maintenance and Engineering Department.

(iii) A QUALITY Report will be published to the Contractor and the report shall be the basis for measurement assessment and certification of the relative performance by the Contractor of its obligations under the Contract by the Company Representative during each Contract Month with respect to completion of Quality.

f) General

(i) The Company Representative/delegate may certify and/or issue any of the following certificates to the Contractor with respect to any of the following matters which will be deemed conclusive and binding on both parties except in the case of manifest error:

A. The Contractor has failed to satisfy or achieve any specified KPI during the relevant Contract Month;

B. The Contractor is wholly or partly responsible for a RI which is the subject of the Company's Site Senior Executive (SSE) certificate during the relevant Contract Month;

C. The amount of liquidated damages payable for failure by the Contractor to satisfy or achieve any specified KPI during the relevant Contract Month.

(ii) Any such certificate may certify the amount and set out the supporting calculations for the liquidated damages payable with respect to each KPI for the relevant Contract Month.

# 10. PRODUCTION PHYSICALS AND PLANT & EQUIPMENT UTILISATION

## 10.1 Production Physicals

| Operations Physicals | Target | Stretch Target | 2022 Actual |
|---|---|---|---|
| Crushed ore tonnage (t) | 24,637,500 | | |
| Produced Concentrate Dry Tons (t) | 7,400,000 | 8,000,000 | 7,316,326 |

Table 10.1: Production Physicals

## 10.2 Plant and Equipment Utilisation Rates

The target Plant and Equipment Utilisation Rates for dry plant, reflected by Primary Crusher, is given in Table 10.2 below.

| Primary Crusher | Target (%) |
|---|---|
| CR001 | 84 |

Table 10.2 Plant and Equipment Utilisation Rates for Dry Plant

The target Plant and Equipment Utilisation Rates for wet plant, reflected by HPGRs, are given in Table 10.3 below.

| Plant and Equipment | Target (%) |
|---|---|
| CR005 | 95 |
| CR006 | 95 |

Table 10.3 Plant and Equipment Utilisation Rates for Wet Plant

## 10.3 Manpower

a) The existing site crew for conveyor online/offline PM inspection and maintenance are consisted of 14 tradesmen including supervisors covering day shift and night shift.

b) The Contractor shall keep sufficient manpower on site for performing all the Conveyors daily maintenance works.

c) The Contractor’s monthly average site crew for performing daily maintenance works shall not be less than 90% of the existing site crew number. i.e. 13 tradesmen including supervisors consisting of different trade disciplines.

d) The shutdown mobilization manpower for Conveyor maintenance in dry plant CR001 OS Mantle shut and CR001 Concave shut in 2022 is listed in Table 10.4. The manning numbers in this table indicate the shutdown manning level and may vary due to the varying shutdown work scopes.

| CR001 Mantle (OS) - 55hrs | | | | CR001 Concave - 140hrs | | |
|---|---|---|---|---|---|---|
| Time | D/S | N/S | | Time | D/S | N/S |
| | 8 | 8 | | | 17 | 17 |

Table 10.4 Manning level for 2022 dry plant shutdowns

e) The shutdown mobilization manpower for Conveyor maintenance in wet plant for CR005/6 modular shut and MPO in 2022 is listed Table 10.5. The manning numbers in this table indicate the shutdown manning level varies due to varying shutdown work scopes.

| Time | Shutdown - Duration | D/S | N/S |
|---|---|---|---|
| Jan- 22 | CR006 Modular – 80hrs | 18 | 18 |
| Feb- 22 | CR005 Modular – 80hrs | 18 | 18 |
| Jun-22 | MPO – 150hrs | 48 | 48 |

Table 10.5 Manning level for 2022 wet plant shutdowns

f) The Contractor shall keep sufficient manpower on site for performing all the online/offline inspection and maintenance works, rotable parts rebuild/repair and breakdown rectification.

g) For each dry plant and wet plant shutdown, the Contractor shall mobilize sufficient manpower for performing all the shutdown works, including emergent works.

h) Detailed labour manning structures (covering both Permanent and Shutdown jobs) will be stipulated in the contract as an appendix and will be compared with weekly and monthly timesheets which are provided by contractors.

i) The trades or positions of Permanent personnel shall be consistent with the approved manning structures.

j) The trades or positions of Shutdown personnel shall be consistent with planners' instructions.

k) The Contractor shall provide both the weekly & monthly roster and a roster forecast for the succeeding month, the roster forecast shall be submitted no later than the third Thursday of each month. The format, content and submission date shall strictly meet the Company's requirements. Refer to the attachment titled '2023 roster'.

l) The Company Cost Control department will provide monthly labour summary to contractors on a monthly basis. Any daily labour shortage will be recorded, and the amount will be deducted from the monthly claim (Deduction Amount = Shortage hours X quoted hourly rates). Special circumstances such as sick leave will be excluded from the deduction, however, proper evidence shall be provided timely.

## Appendix A. Servicing Plant and Equipment – Conveyors, feeders and Associated Chutes

| Area Code | Functional Location | Equipment Description | Feed Chutes | Discharge Chute |
|---|---|---|---|---|
| 1301 | KML-1300-1301-CV001 | CONVEYOR 001 - PRIMARY ORE | 1301-FE001-CH005 | 1301-CV001-CH006/008 |
| 1301 | KML-1300-1301-CV003 | CONVEYOR 003 - SECONDARY CRUSHER FEED | 1301-CV001-CH006/008 | 1301-CV003-CH009 |
| 1302 | KML-1300-1302-CV007 | CONVEYOR 007 - STOCKPILE FEED | 1302-CV007-CH040 | 1302-CV007-CH041 |
| 1302 | KML-1300-1302-CV011 | CONVEYOR 011 - STOCKPILE TRANSFER | CH106 & CH107 (FE004&005 to CV011 transfer) | 1302-CV011-CH111 |
| 1303 | KML-1300-1303-CV002 | CONVEYOR 002 - SCREEN FEED | Exclude in SOW | 1303-CV002-CH018 |
| 1303 | KML-1300-1303-CV005 | CONVEYOR 005 - SCREEN UNDERSIZE | Exclude in SOW | 1303-CV005-CH109 |
| 1303 | KML-1300-1303-FE006 | FEEDER 006 - SECONDARY CRUSHER CR002 | 1303-BN007-CH019 | Exclude in SOW |
| 1303 | KML-1300-1303-FE007 | FEEDER 007 - SECONDARY CRUSHER CR003 | 1303-BN007-CH020 | Exclude in SOW |
| 1303 | KML-1300-1303-FE013 | FEEDER 013 - SECONDARY CRUSHER CR004 | 1303-BN007-CH021 | Exclude in SOW |

| | | | | |
|---|---|---|---|---|
| 1304 | KML-1300-1304-CV009 | CONVEYOR 009 - HPGR 005 PRODUCT | Exclude in SOW | 1304-CV009-CH038 |
| 1304 | KML-1300-1304-CV010 | CONVEYOR 010 - HPGR 006 PRODUCT | Exclude in SOW | 1304-CV010-CH039 |
| 1304 | KML-1300-1304-CV012 | CONVEYOR 012 - HPGR TRANSFER | 1302-CV011-CH111 | 1304-CV012-CH116 |
| 1304 | KML-1300-1304-FE008 | FEEDER 008 - HPGR BELT | 1304-BN004-CH030 | 1304-FE008-CH032 |
| 1304 | KML-1300-1304-FE009 | FEEDER 009 - HPGR BELT | 1304-BN004-CH031 | 1304-FE009-CH033 |
| 1306 | KML-1300-1306-CV013 | CONVEYOR 013 - BALL CHARGING | N/A | N/A |
| 1306 | KML-1300-1306-CV040 | CONVEYOR 040 - BALL CHARGING SIDE WALL | N/A | N/A |
| 1314 | KML-1300-1314-CV020 | CONVEYOR 020 - CONC FILTER PRODUCT | N/A | 1314-CV020-CH077 |
| 1315 | KML-1300-1315-CV021 | CONVEYOR 021 - CONC PRODUCT | 1314-CV020-CH077 | 1315-CV021-CH104 |
| 1315 | KML-1300-1315-CV022 | CONVEYOR 022 - CONC PRODUCT | 1315-CV021-CH104 | 1315-CV022-CH082 |
| 1315 | KML-1300-1315-ST008 | STACKER 008 - CONCENTRATE HANDEL | 1315-CV022-CH082 | N/A |

| | | | | |
|---|---|---|---|---|
| 1315 | KML-1300-1315-CV023 | STACKER 008 - INNER CONVEYOR | N/A | N/A |
| 1315 | KML-1300-1315-CV024 | STACKER 008 - OUTER CONVEYOR | N/A | N/A |
| 1319 | KML-1300-1319-CV041 | CONVEYOR 041 - TAILINGS LOADOUT | N/A | 1319-CV041-CH099 |
| 1319 | KML-1300-1319-ST009 | STACKER 009 - TAILINGS DISPOSAL | 1319-CV041-CH099 | N/A |
| 1319 | KML-1300-1319-CV042 | STACKER 009 - INNER CONVEYOR | N/A | N/A |
| 1314 | KML-1300-1314-FE014 | FEEDER 014 - CONCENTRATE AREA | N/A | Include in SOW |
| 1314 | KML-1300-1314-FE015 | FEEDER 015 - CONCENTRATE AREA | N/A | Include in SOW |
| 1314 | KML-1300-1314-FE016 | FEEDER 016 - CONCENTRATE AREA | N/A | Include in SOW |
| 1314 | KML-1300-1314-FE017 | FEEDER 017 - CONCENTRATE AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE031 | FEEDER 031 - TAILING AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE032 | FEEDER 032 - TAILING AREA | N/A | Include in SOW |

| | | | | |
|---|---|---|---|---|
| 1318 | KML-1300-1318-FE033 | FEEDER 033 - TAILING AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE034 | FEEDER 034 - TAILING AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE035 | FEEDER 035 - TAILING AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE036 | FEEDER 036 - TAILING AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE037 | FEEDER 037 - TAILING AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE038 | FEEDER 038 - TAILING AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE039 | FEEDER 039 - TAILING AREA | N/A | Include in SOW |
| 1318 | KML-1300-1318-FE040 | FEEDER 040 - TAILING AREA | N/A | Include in SOW |
| 1301 | KML-1301-CV001-GA001 | TRAMP METAL DIVERTER GATE INCLUDING HYDRAULIC POWER PACK HP-041 | | |
| 1302 | KML-1302-CV011-GA004 | TRAMP METAL DIVERTER GATE INCLUDING HYDRAULIC POWER PACK HP-040 | | |

| | | | | |
|---|---|---|---|---|
| 1303 | KML-1303-CV002-HP036 | MOVING HEAD CHUTE HYDRAULIC POWER PACK HP-036 | | |
| 1304 | KML-1304-CV012-HP039 | MOVING HEAD CHUTE HYDRAULIC POWER PACK HP-039 | | |
| 1304 | KML-1304-CV009-HP038 | MOVING HEAD CHUTE HYDRAULIC POWER PACK HP-037 | | |
| 1304 | KML-1304-CV010-HP039 | MOVING HEAD CHUTE HYDRAULIC POWER PACK HP-038 | | |
| 1304 | KML-1304-BIN004-GA006/007 | HPGR FEED BIN SLIDE GATE INCLUDING HYDRAULIC POWER PACK HP-001 | | |
| 1303 | KML-1303-BIN007-GA017/018/019 | SECONDARY CRUSHER FEED BIN SLIDE GATE INCLUDING HYDRAULIC POWER PACK HP-010 | | |

## Appendix B. Conveyor Belt Information

| Equipment # | Equipment Description | Belt length (m) (excl splicing allowance) | Belt Designation | Width (mm) | Thickness (mm) | Belt Carcass - Fabric or Steel Cord | Fabric Material Spec | Cover Material | Top Cover (mm) | Bottom Cover (mm) | Grade - FX-S = Anti Cut / UAR = Anti Abrasion | Max Belt Length Per Bridgestone Reel | Rolling Speed(m/s) | Estimated Belt Replacement Frequency (year) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1301-CV-001 | Primary Ore Conveyor | 158 | EP1800/5 CLASS PN1800/5 | 1500 | 28.5 | Fabric | Polyester | Rubber | 13.0 | 5.0 | FX-S | 275 | 2.4 M/S | 2.5 |
| | | | | | | | | | | | | | | |
| 1303-CV-002 | Screen feed conveyor | 627 | EP1800/5 CLASS PN1800/5 | 1500 | 28.5 | Fabric | Polyester | Rubber | 13.0 | 5.0 | UAR | 275 | 2.7 M/S | 3 |
| 1304-CV-009 | HPGR Product Conveyor | 714 | As above | As above | As above | As above | As above | As above | As above | As above | As above | As above | 2.7 M/S | 4 |
| 1304-CV-010 | HPGR Product Conveyor | 735 | As above | As above | As above | As above | As above | As above | As above | As above | As above | As above | 2.7 M/S | 4 |
| | | | | | | | | | | | | | | |
| 1301-CV-003 | Secondary Crusher Feed Conveyor | 706 | CLASS ST2000 | 1800 | 24.2 | Steel | PITCH CORD DIAMETRE P17.3 N102 D6.2 | Rubber | 13.0 | 5.0 | FX-S | 320 | 2.2 M/S | 3 |
| | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1303-CV-005 | Screen Undersize Conveyor | 291 | CLASS ST2000 | 1500 | 24.2 | Steel | PITCH CORD DIAMETRE P17.3 N85 D6.2 | Rubber | 13.0 | 5.0 | UAR | 320 | 2.4 M/S | 1.5 |
| 1302-CV-007 | Stockpile Feed Conveyor | 679 | As above | As above | As above | As above | As above | As above | As above | As above | As above | As above | 2.4 M/S | 2 |
| | | | | | | | | | | | | | | |
| 1304-CV-012 | HPGR Transfer Conveyor | 749 | CLASS ST2000 | 1800 | 24.2 | Steel | P17.3 N102 D6.2 | Rubber | 13.0 | 5.0 | UAR | 320 | 3.4 M/S | 3 |
| | | | | | | | | | | | | | | |
| 1302-CV-011 | Stockpile Transfer Conveyor | 475 | CLASS ST1000 | 1200 | 22 | Steel | PITCH CORD DIAMETRE P15.3 N76 D4.0 | Rubber | 13.0 | 5.0 | UAR | 350 | 3.2 M/S | 5 |
| 1314-CV-020 | Concentrate Filter Product Conveyor | 490 | As above | As above | As above | As above | As above | As above | As above | As above | As above | As above | 1.55 M/S | 15 |
| 1315-CV-021 | Concentrate Filter Product Conveyor | 580 | As above | As above | As above | As above | As above | As above | As above | As above | As above | As above | 1.55 M/S | 15 |
| 1315-CV-022 | Concentrate Product Conveyor | 230 | As above | As above | As above | As above | As above | As above | As above | As above | As above | As above | 1.55 M/S | 15 |
| 1319-CV-041 | Tailings Loadout Conveyor | 1819 | As above | As above | As above | As above | As above | As above | As above | As above | As above | As above | 3.2 M/S | 4 |
| | | | | | | | | | | | | | | |
| 1315-CV-023 | CV23 CONCENTRATE STACKER ST-008 MAIN OUTER | 52.882 | Enduralon 375 PIW Goodyear, 3 PLY | 42 inch (1.05m approx) | 13 | | | | 3/16 inch | 1/16 inch | DO | | | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CONVEYOR - THOR | | | | | | | | | | | | | |
| 1315-CV-024 | CV24 CONCENTRATE STACKER ST-008 TELESCOPIC INNER CONVEYOR - THOR | approx 37.85 | 375 PIW Goodyear | As above | 13 | | | | As above | As above | As above | | | 1 |
| | | | | | | | | | | | | | | |
| 1303-FE-006 | SECONDARY CRUSHER BELT FEEDERS - 1800x17850mm - RCR | 39 | CLASS PN1800/4 | 1800 | 45mm | 41.2 | | | 24.0 | 7.0 | M | | 0.22 M/S | 0.5 |
| 1303-FE-007 | SECONDARY CRUSHER BELT FEEDERS - 1800x17850mm - RCR | 39 | As above | As above | As above | 41.2 | | | As above | As above | As above | | 0.22 M/S | 0.5 |
| 1303-FE-013 | SECONDARY CRUSHER BELT FEEDERS - 1800x17850mm - RCR | 39 | As above | As above | As above | 41.2 | | | As above | As above | As above | | 0.22 M/S | 0.5 |
| | | | | | | | | | | | | | | |
| 1304-FE-008 | HPGR BELT FEEDERS - 2400x21350mm - RCR | approx. 47 | CLASS PN1800/4 | 2400 | 45mm | Fabric | | | 24.0 | 7.0 | M | | 0.592 M/S | 1 |
| 1304-FE-009 | HPGR BELT FEEDERS - 2400x21350mm - RCR | approx. 47 | As above | As above | As above | As above | | | As above | As above | As above | | 0.592 M/S | 1 |

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| 1306-CV-013 TRANSMIN | BALL CHARGING CONVEYOR | approx. 250 | CLASS PN500/3 | 500 | 41.2 | | | | 24.0 | 7.0 | N | | 0.5 M/S | 7 |
| | | | | | | | | | | | | | | |
| 1306-CV-040 | BALL CHARGING SIDE WALL CONVEYOR - TRANSMIN | approx. 85 | CLASS XE315/2 | 800 | | | | | 3.0 | 1.5 | | | 0.4 M/S | 7 |

## Appendix C. The Company Supplied Materials and Consumables

| Stock Code | Description |
|---|---|
| 1300-SC001-CO002 | BANDAGES |
| 46342 | TIE,CBL,12.6MM,580MM,BLK,UV STABLE,25 |
| 99457 | TAPE,100MM WD X 10M LG |
| 99440 | TAPE,50MM WD X 10M LG,DENSO |
| 72926 | ADSV,RAPID SET,EPOXY PUTTY,5MINS,500G |
| 73221 | KIT,REPAIR,PIPELINE,RAPP-IT 100MM X 3.6M |
| 73239 | KIT,REPAIR,PIPELINE,RAPP-IT 100MM X 4.8M |
| 73205 | KIT,REPAIR,PIPELINE,RAPP-IT 50MM X 3.6M |
| 73213 | KIT,REPAIR,PIPELINE,RAPP-IT 75MM X 3.6M |
| 74013 | TAPE,GAFFER,48MM WD X 25M LG,CLOTH,BLK |
| 117135 | BANDAGE,50MM WD X 9.25M LG X 3MM THK |
| 119487 | RBR,6MM,TRELLEX PREMIUM PINK,1.4 X 10M |
| 119495 | RBR,12MM,TRELLEX PREMIUM PINK,1.4 X 10M |
| 74021 | TAPE,MASKING,48MM WD X 50M LG,POLYPAK |
| 117531 | WRAP,STRETCH,BLK |
| 117549 | WRAP,STRETCH,CLEAR |
| 99549 | TAPE,THD,12MM WD X 10M LG,PTFE,EBONY |
| 121616 | ADSV,COLD REPAIR GLUE,W/HARDENERS |
| 121624 | BAND,REPAIR,220MM X 10M |
| 121632 | BAND,REPAIR,150MM X 50M |
| 121657 | MATERIAL,RBR,10M LG X 3MMTHK,UNCURED,RLL |
| 121665 | MATERIAL,RBR,SKIM UNCURED,RLL |
| 121673 | KIT,REPAIR,CNVYR BELT,ELIFLEX |
| 121681 | SCRW,CNVYR BELT REPAIR,3IN,100/DRM |
| 122739 | GUARD,SPIRAL,20MM OD,BLK,20M/BX |

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|---|---|---|
| | 122747 | GUARD,SPIRAL,32MM OD,BLK,20M/BX |
| | 138412 | SOFT SEAL,AEROSOL,300G, |
| | 152082 | ADSV,CNVYR SPLICING,3.5KG,STL-RF R4 |
| 1300-SC001-CO004 | CLEANING | |
| | 72041 | CLNR,SPRAY 'N WIPE,ANTI BACTERIAL,500ML |
| | 73650 | CLNR,ARMORALL,MULTI PURPOSE,500ML |
| | 71951 | BRSH,BANNISTER,COCO FIBER,WOOD BACKED |
| | 61010 | CLNR,LOCTITE 7063,FOR HPGR STUDS |
| | 72876 | CLNR,CRC 2016,CNTCT,AEROSOL,350G |
| | 71936 | ABSORBENT,EX-WORKS SA,FOR SPILLS CLEANUP |
| | 99481 | BRSH,PAINT,75MM |
| | 72017 | RAG,WIPING,COTTON,MEDIUM COLORED |
| | 71969 | CLNR,SCOTTS,WINDOW/GLASS,750ML |
| | 99564 | BRSH,STL,WOOD,5 ROW |
| | 112763 | BCKT,10L,WHITE,W/LID |
| | 121335 | NZL,SPRAY,HEAVY DUTY,PLSTC,CRC |
| | 102152 | CLNR,SUPERWASH,TRUCKWASH,20L |
| | 99473 | BRSH,PAINT,50MM |
| | 103010 | BROOM,PUSH,FIBER HAIR,24IN,W/BACK CLICK |
| | 109868 | SHOVEL,HAND,RND MOUTH,LONG |
| | 109876 | SHOVEL,HAND,SQ MOUTH,TIMBER,MEDIUM/LONG |
| | 72033 | KIT,DUST PAN,BRSH PLSTC BLUE,PLSTC,BLUE |
| | 136531 | CLNR,CITRAMAX,DEGREASER,20L DRM |
| | 142794 | GUN,SQUIRT,2.4MM,S/NECK 82O |
| | 145433 | CLOTH,CHUX,450MM X 600MM LG,GRN |
| | 161448 | ABSORBENT,SOCK,7.6CM X 3.6M |
| | 200512 | DUST,MOP,FRAME+T/FRNGE,610+2155,HAND |

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|---|---|---|
| | 163519 | CLNR,EXTREME HEAVY,1000L BULK BIN |
| 1300-SC001-CO008 | GRINDING | |
| | 117770 | BUR SET,MASTER,CARBIDE |
| | 117788 | BUR SET,CARBIDE,5 |
| | 102228 | WHL,GRINDING,125MM,6MM,22MM,A24R-BF27 |
| | 71894 | ABRSV,DISC,CUT-OFF,FLT,127MM,22MM,2.5MM |
| | 71902 | ABRSV,DISC,CUT-OFF,FLT,178MM,22MM,2.5MM |
| | 71910 | ABRSV,DISC,CUT-OFF,355MM,25.4MM,3MM,MTL |
| | 71837 | ABRSV,DISC,127MM,22MM,60,ZIRCONIA |
| | 71829 | ABRSV,DISC,127MM,22MM,40,ZIRCONIA |
| | 71845 | ABRSV,DISC,127MM,22MM,80,ZIRCONIA |
| | 119446 | WHL,FLAP,60MM X 30MM,A60,6MM,FAN |
| | 119453 | WHL,FLAP,50MM X 20MM,A60,6MM,FAN |
| | 119461 | WHL,FLAP,80MM X 30MM,A60,6MM,FAN |
| | 121434 | BRSH,WRE WHL,CUP,TWST KNOT,70MM,0.35MM |
| | 121442 | BRSH,WRE WHL,CUP,TWST KNOT,70MM,M14 |
| | 122929 | WHL,GRINDING,300MM,50MM,50.8MM |
| | 127720 | ABRSV,DISC,CUT-OFF WHL,125MM,22.2MM |
| | 128827 | WHL,GRINDING,200MM,25MM,25.4MM |
| | 128835 | WHL,GRINDING,200MM,25MM,25.4MM |
| | 71928 | BRSH,WRE WHL,ABRSV,TWST KNOT,125MM,22MM |
| | 163881 | ABRSV,DISC,CUT-OFF WHL,406MM,25.4MM,MTL |
| | 152611 | ABRSV,DISC,127MM,22MM,1MM,24,FIBER,F827 |
| | 152629 | ABRSV,DISC,178MM,22MM,24,BUFF PAD |
| | 152637 | ABRSV,DISC,150MM,P80,15,HOOKIT |
| | 152645 | ABRSV,DISC,150MM,P180,15,HOOKIT |
| | 152652 | ABRSV,DISC,150MM,P240,15,HOOKIT |

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| | | 156273 | ABRSV,DISC,CUT-OFF WHL,127MM,22MM,3.4MM |
| | | 156430 | ABRSV,BELT,LINISHING,75MM,2000MM,36,4/PK |
| | | 156448 | ABRSV,BELT,LINISHING,72MM,2000MM,80,4/PK |
| | | 156463 | WHL,GRINDING,178MM,6.8MM,22MM,A24,30P |
| 1300-SC001-CO011 | LIFTING | | |
| | | 118356 | CAGE,GOODS CRANE,ZINC PLATED |
| | | 118505 | LVR,TYRE,600MM/24IN LG |
| | | 136150 | LUG,LIFTING,GR. 250 STL,1TON,WELD-ON |
| | | 113431 | LUG,LIFTING,GR. 250 STL,2TON,WELD-ON |
| | | 113449 | LUG,LIFTING,GR. 250 STL,5TON,WELD-ON |
| | | 113456 | LUG,LIFTING,GR. 250 STL,10TON,WELD-ON |
| | | 200646 | LATCH,CAGE FASTENER, 24MM X 12MM |
| | | 201464 | ROPE,WINCH,16MM X 250M,UHMPE |
| | | 201465 | SLV,ROPE,WINCH,16MM,UHMPE |
| 1300-SC001-CO013 | MISCELLANEOUS | | |
| | | 119503 | NZL,SPRAY,FLUID-EMULSION CHOKE,3/4IN,YLW |
| | | 119529 | BLDE,STRGHT SAW,HACK,300MM,18 |
| | | 201681 | BUR,CARBIDE,3/8 X 3/4",ALUM,AC2C |
| | | 119537 | BLDE,STRGHT SAW,HACK,300MM,24 |
| | | 119545 | BLDE,STRGHT SAW,HACK,300MM,32 |
| | | 119552 | BLDE,CIRCULAR SAW,350MM,32MM,2.5MM,180 |
| | | 73031 | CMPND,SEALING,QUIADSA NUET,CLEAR,300ML |
| | | 73056 | CMPND,SEALING,RTV,M/PURPOSE,CLEAR,310G |
| | | 99408 | BELT,ABRASIVE; CRC 3081 BELT GRIP AEROSO |
| | | 72934 | GUN,CAULKING,HAND,1,PROFESSIONAL |
| | | 61010 | CLNR,LOCTITE 7063,FOR HPGR STUDS |
| | | 72926 | ADSV,RAPID SET,EPOXY PUTTY,5MINS,500G |

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|---|---|
| 74013 | TAPE,GAFFER,48MM WD X 25M LG,CLOTH,BLK |
| 72850 | ADSV,320G,FOR LIQUID NAILS |
| 99572 | LCK,PAD,40MM,50MM,HARD STL SHACKLE |
| 73999 | MARKER,WRITING,PAINT,BLK |
| 74005 | MARKER,WRITING,PAINT,WHITE |
| 73247 | CMPND,SEALING,PRIMER,LOCTITE 7471/22477 |
| 72843 | ADSV,SEALANT,INDSTRL,290ML,QUIADSA |
| 99549 | TAPE,THD,12MM WD X 10M LG,PTFE,EBONY |
| 101337 | BAG,TOOL,375MM X 125MM X 250MM,CANVAS,1 |
| 118513 | BELT,V |
| 73015 | PAINT,RUST EPOXY,GOLDEN YLW,4L |
| 72983 | PAINT,RUST EPOXY,GOLDEN YLW,350G AEROSOL |
| 112763 | BCKT,10L,WHITE,W/LID |
| 121210 | GAUGE,PRSR,0 TO 1600KPA,160MM,1/2IN BSPT |
| 121301 | VLV,DN150,SERIES 400,BERMAD, |
| 121400 | BELT,V,A92/A2370,2370MM,A |
| 121525 | TAG,ROTATABLE SPARES REPAIR,BLK INK |
| 120824 | PLUG,FUSIBLE,27266788C19 |
| 122879 | SNSR,LEVEL,3/8IN BSW THD,W/RLL PIN |
| 122937 | ORNG SET,TO SUIT AIRPORT GENSET |
| 122945 | KIT,SRVC,AIRPORT GENSET |
| 126474 | ELMNT,HTR,750W,240V,TO SUIT LAB OVENS |
| 126482 | BOOK,FRM PRNTD,LOG |
| 72173 | PCKG,MTRL,FOAM,AEROSOL,RAMSET,750ML |
| 129023 | LNR,300MM X 300MM X 32MM,NI-HARD |
| 128868 | LNR,150MM X 300MM X 32MM,NI-HARD |
| 143842 | BAG,SAND,350MM X 845MM,HESSIAN |

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| | 143909 | KIT,CRACK DTCT,4 X 350G AEROSOL CAN |
| | 143917 | TARPAULIN,HEAVY DUTY,14FT X 20FT,SILVER |
| | 142661 | CMPND,GEL,SILICA,25KG DRM,BLUE |
| | 146498 | SKT,WRNCH,HEX,4MM,3/8IN SQ |
| | 149997 | BIT,ROUTER,STRGHT,19MM X 19MM X 1/4IN |
| | 155101 | BLDE,STRGHT SAW,JIG,100MM,2MM,5/PK |
| | 125971 | INSRT,CPLG,ELASTOMER RBR |
| | 128587 | SEAL,MCHNCL,16MM,SILICON CARBIDE,EPDM |
| | 163881 | ABRSV,DISC,CUT-OFF WHL,406MM,25.4MM,MTL |
| | 161083 | CLIP,ELCTRCL,EARTH,FOR EARTH ROD |
| | 200516 | ROLL,PIN,KIT,5-10MM,CA1725 |
| | 200517 | ROLL,PIN,KIT,3/32"-3/8",CA2025 |
| | 200498 | GEL,ULTRASONIX,3.8LTR |
| | 200114 | TAP,SET,5.00X0.80MM,METRIC,HSGT |
| | 200115 | TAP,SET,6.00X1.00MM,METRIC,HSGT |
| | 201496 | CLOTH,SHADE,1.8X30M,HD90%,GREEN |
| | 201907 | COLLET,1/4",C/W NUT |
| | 164970 | CVR,FOR OVERHEAD GANTRY CRANE,LOG BOOK |
| 1300-SC001-CO015-5 | TAGS & FLAGS | |
| | 74450 | TAPE,SFTY BARRIER,DANGER,RED/WHITE |
| | 94920 | TAG,INFORMATION,75MM X 160MM,100/BUNDLE |
| | 94938 | TAG,ISOLATION,75MM X 160MM,100/BUNDLE |
| | 94912 | TAG,SFTY,OUT OF SRVC,75MM X 160MM |
| | 74260 | CLOTH,FLAGGED BUNTING,RED,WHITE |
| | 143958 | TAPE,REFLECTIVE,50MM WD X 50M LG,WHITE |
| | 136705 | FLAG,SFTY,ORANGE,VEHICLE 1.5M |
| | 136481 | FLAG,SFTY RPLCMNT,ORANGE,W/CLIPS |

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| | 201828 | CHN,PLASTIC,8MM,YELLOW,35M ROLL |
| | 154401 | TAG,SFTY,CASING,PHOTO ID,DANGER,ACRYLIC |
| 1300-SC001-CO018 | WELDING | |
| 1300-SC001-CO018-1 | ARC GOUGING | |
| | 128405 | NUT,LCK,LANCE,16MM |
| | 128413 | LOCKING RUBBER; 16MM, LANCE; |
| | 128421 | TBE,LANCE,IGNITER,FRICTION |
| | 128439 | WICK,LANCE |
| | 118281 | TBE,LANCE,OXYGEN CUTTING,2.75M,16MM |
| | 136655 | ROD,GOUGING,6.3MM,CARBON COPPER COATED |
| | 136663 | ROD,GOUGING,9.5MM,CARBON COPPER COATED |
| | 136358 | ELCTRD,WLDNG,DC FLT,CARBON |
| | 142299 | TBE,LANCE,THRML,1000MM,10MM,MINI THERMIC |
| 1300-SC001-CO018-2 | ELECTRODES | |
| | 73833 | ELCTRD,WLDNG,2.5MM,2.5KG |
| | 73841 | ELCTRD,WLDNG,3.25MM,5KG,AUSTARC |
| | 73858 | ELCTRD,WLDNG,4MM,5KG,AUSTARC |
| | 118182 | ELCTRD,WLDNG,3.2MM,5KG |
| | 117663 | ELCTRD,WLDNG,PLASMA TORCH CUTTING ELCTRD |
| | 73817 | ELCTRD,WLDNG,LOW IRON,2.6MM,5KG |
| | 73825 | ELCTRD,WLDNG,LOW IRON,3.2MM,5KG |
| | 118174 | ELCTRD,WLDNG,SS,3.2MM,2.5KG |
| | 117507 | ROD,WLDNG,WELDROD COMCOAT C,3.2MM |
| | 117515 | ROD,WLDNG,WELDROD COMCOAT T,3.2MM,WHITE |
| | 126193 | ELCTRD,WLDNG,4MM,5KG,AUSTARC,WIA |
| | 128850 | ELCTRD,WLDNG,SS,2.5MM |
| | 149633 | ELCTRD,WLDNG,4MM,5KG,COBALARC 750 |

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| | 149641 | ELCTRD,WLDNG,3.25MM,5KG,COBALARC 750 |
| 1300-SC001-CO018-3 | GAS BOTTLES | |
| | 118117 | GAS,ACETYLENE,SIZE D CYL 1.0CU M |
| | 84632 | GAS,ACETYLENE,SIZE G CYL 8.7CU M |
| | 117606 | FLWMTR,ARGON/CO2,10 TO 40L/MIN |
| | 84723 | GAS,N2,SIZE G CYL 9.1CU M |
| | 113522 | RGLTR,ACETYLENE,VERT,COMET EDGE |
| | 113514 | RGLTR,OXYGEN,VERT,COMET EDGE |
| | 118364 | GAS,OXYGEN,MANIFOLD,CYL,12/PK |
| | 105791 | GAS,OXYGEN,CYL,D,TECHNICAL |
| | 84624 | GAS,OXYGEN,SIZE G CYL 10.3CU M,TECHNICAL |
| | 84707 | GAS,ARGON52,SIZE G CYL 8.9CU M |
| | 119354 | GAS,LIQUID PETROLEUM,45KG CYL |
| | 122911 | RGLTR,LPG,COMET 500,SING GAUGE |
| | 146217 | GAS,CARBON DIOXIDE,31KG BOTTLE,G |
| | 165084 | GAS,N2,SIZE E CYL 3.5CU M |
| | 155986 | GAS,N2,CYL,D |
| 1300-SC001-CO018-4 | GAS CUTTING | |
| | 117465 | ATTCHMNT,CUTTING WLDNG,CUTSKILL |
| | 73932 | NZL,TORCH,15,TYPE 41,W/CUTSKILL |
| | 73924 | NZL,TORCH,12,TYPE 41,W/CUTSKILL |
| | 73940 | NZL,TORCH,20,TYPE 41,W/CUTSKILL |
| | 73916 | NZL,TORCH,8,TYPE 41,W/CUTSKILL |
| | 73759 | ARRESTER,FLAME,FLASHBACK,WLDNG,F2 |
| | 73742 | ARRESTER,FLAME,FLASHBACK,WLDNG,FUEL,FL |
| | 73767 | ARRESTER,FLAME,FLASHBACK,WLDNG,OXYGEN |
| | 73775 | ARRESTER,FLAME,FLASHBACK,WLDNG,OXYGEN |

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| | 73957 | NZL,TORCH,BENT,32GB,TYPE 41 |
| | 73890 | TIP,FLINT,FOR FRICTION IGNITER GUN |
| | 117499 | HNDL,FOR WLDNG BLOWPIPE HANDPIECE,204001 |
| | 117473 | FTG,MIXER,10MM,THRD |
| | 73809 | CNNTR,TBE,RH,5MM X 5/8IN |
| | 73783 | CLNR,TIP,SET |
| | 120832 | FTG,MIXER,13MM |
| | 121319 | TIP,TORCH,HEAT,12MM X 12MM,TYPE 541 |
| | 121327 | BARREL,BENT,700MM LG,TYPE 550,WB24 |
| | 121418 | CPLG,OXYGEN HSE JOINER,5/8IN-18UNF RH |
| | 121426 | CPLG,ACETYLENE HSE JOINER,5/8IN-18UNF LH |
| | 125781 | ORNG SET,FOR COMET BLOWPIPE |
| | 128579 | HSE,2 BRAID,AIR,OXYGEN,10MM,G301,BLUE |
| | 128512 | CNNTR,HSE,10MM |
| | 165795 | HSE,OXYGEN/ACETYLENE GAS,20M LG |
| | 165803 | HSE,OXYGEN/LGP GAS,TWIN,15M LG |
| | 165811 | NZL,TORCH,CUTTING,OXY/ACET CUTTING TIP |
| | 165829 | NZL,TORCH,CUTTING,OXY/ACET CUTTING TIP |
| | 156406 | NZL,GOUGE,TYPE 41,SIZE 32GS,ST |
| | 156414 | NZL,GOUGE BENT,48GB,TYPE 41 |
| | 156422 | NZL,GOUGE BENT,64GB,TYPE 41 |
| 1300-SC001-CO018-5 | MISCELLANEOUS | |
| | 73981 | CHLK,MARKING,88 |
| | 73882 | RLLR,CNVYR,GUIDE,UNVRSL |
| | 73973 | SOLDER,PASTE,60/40 RESIN,1.6MM,500G |
| | 99564 | BRSH,STL,WOOD,5 ROW |
| | 125799 | WHL,PNMTC,400MM X 8MM,W/MTL RIM,1IN BRG |

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| | 125807 | TBE,TIRE,PNMTC,4IN X 8IN |
| | 126185 | STONE,SHARPENING,DRESS STICK UNFINISHED |
| | 143859 | WHL,SEMI PNMTC,650MM X 8MM,W/RIM,1IN BRG |
| | 136341 | PLUG,ELCTRCL,50MM,MALE,FOR DINSE CBL |
| | 73908 | HLDR,TWST LCK,ELCTRD,400A |
| | 136648 | CLMP,GRNDNG,500A,WORK G TYPE |
| | 201528 | BAR,GALV,6.3MM,5KG,35 STICK PACK |
| 1300-SC001-CO018-6 | MIG PARTS | |
| | 117689 | LNR,2MM,TO SUIT K126 GUN |
| | 117564 | KIT,MODEL NO: NO: LN25PRO |
| | 117598 | GUN,WLDNG,TBE ASSY,68DEG |
| | 126136 | KIT,DRV RLL 2MM CORED |
| | 136556 | SHIELD,HEAT,TO SUIT K115/K116,S13037 |
| | 136564 | KIT,DRV RLL 1.6MM CORED |
| | 136739 | HLDR,TIP,FOR LINCOLN,KP2907-1 |
| | 136572 | INSULATOR,FOR MIG GUN |
| | 136580 | NZL,INSULATED,NOSE CONE,ASSY |
| | 136747 | KIT,DRV RLL 1.7 TO 2.4MM FLUX CORED |
| | 136754 | LNR,2MM,TO SUIT MAGNUM PRO FUME GUN |
| | 136614 | LNR,1.6MM,TO SUIT MAGNUM PRO FUME GUN |
| | 142679 | LNR,0.9MM TO 1.2MM,STL,400A,4.5M |
| | 142786 | TORCH,STANDARD,4.5M,NO.4 |
| | 142687 | LNR,1.6MM,STL,400A,4.5M |
| | 142695 | HLDR,TIP,FOR K126PRO |
| | 163923 | NZL,TORCH,16MM,MIG,4,2/PK |
| 1300-SC001-CO018-7 | MIG TIPS | |
| | 117655 | TIP,TORCH,WLDNG CNTCT,1.6MM |

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| 117572 | | TIP,TORCH,WLDNG CNTCT,2MM X 5/16IN THD |
| 117671 | | TIP,TORCH,PLASMA,80A |
| 117481 | | TIP,TORCH,WLDNG CNTCT,8MM X 12MM |
| 136697 | | TIP,TORCH,WLDNG CNTCT,MIG,0.9MM |
| 136713 | | TIP,TORCH,WLDNG CNTCT,1.8MM X 5/16IN THD |
| 136721 | | TIP,TORCH,WLDNG CNTCT,1.7 TO 1.8MM |
| 136598 | | TIP,TORCH,WLDNG CNTCT,MIG,2MM |
| 136606 | | TIP,TORCH,WLDNG CNTCT,1.6MM |
| 163923 | | NZL,TORCH,16MM,MIG,4,2/PK |
| 1300-SC001-CO018-8 | MMAW PARTS | |
| 73908 | | HLDR,TWST LCK,ELCTRD,400A |
| 128132 | | PLUG,ELCTRCL,500A,TO SUIT WLDNG CABLES |
| 128140 | | PLUG,ELCTRCL,300A,TO SUIT WLDNG CABLES |
| 1300-SC001-CO018-A | WIRE | |
| 102889 | | WRE,WLDNG,MIG,0.9MM,AUTO LW1,15KG |
| 117556 | | WRE,WLDNG,MIG,2MM,12.5KG/RLL |
| 117630 | | WRE,WLDNG,MIG,0.9MM,316LSI SS,5KG/RLL |
| 117648 | | WRE,WLDNG,0.9MM,4.5KG/RLL |
| 117622 | | WRE,WLDNG,MIG,0.9MM,5KG/RLL |
| 144154 | | WRE,WLDNG,MIG,1.7MM,6.12KG/RLL |
| 136671 | | WRE,WLDNG,MIG,2MM,11.34KG/RLL |
| 142703 | | WRE,WLDNG,1.2MM,3XP,15.6KG/RLL,V/COR |
| 139295 | | WRE,WLDNG,1.6MM,STOODY 600,15KG/RLL |
| 146969 | | WRE,WLDNG,4MM,POLYPROPYLENE,180M RLL |
| 152728 | | ADPTR,FOR WRE FEEDER SPNDL,6.3KG SPOOL |
| 1300-SC001-CO018-B | PLASMA | |
| 144162 | | ORNG,TO SUIT PLASMA HAND PCE,5 |

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| | 144170 | ORNG,TO SUIT PLASMA HAND PCE,5 |
| | 144188 | ELCTRD,WLDNG,MAX 1/60/100,5/PK |
| | 144196 | STRTR,ELCTRC MTR,CRTDG,1/60/100 |
| | 150029 | KIT,FLTR,WORKSHOP PLASMA CUTTING MCHN |
| 1300-SC001-CO018-C | PLASMA TIP | |
| | 144204 | TIP,TORCH,DRAG,20A,1/60/100,5/PK |
| | 144212 | TIP,TORCH,DRAG,30A,1/60/100,5/PK |
| | 144220 | TIP,TORCH,DRAG,40A,1/60/100,5/PK |
| | 144238 | TIP,TORCH,CUTTING,40A,1/60/100,5/PK |
| | 144246 | TIP,TORCH,CUTTING,60A,1/60/100,5/PK |
| | 144253 | TIP,TORCH,CUTTING,80A,1/100,5/PK |
| | 144261 | TIP,TORCH,CUTTING,100A,1/100,5/PK |
| | 144279 | TIP,TORCH,GOUGING,5/PK |
| | 144287 | TIP,TORCH,GOUGING,DEEP,40/100A,5/PK |
| | 144295 | TIP,TORCH,GOUGING,MEDIUM,40/100A,5/PK |
| 1300-SC001-CO018-D | PLASMA SHIELD CUP | |
| | 144303 | CUP,WLDNG,SHIELD,1/60/100 |
| | 144311 | CUP,WLDNG,SHIELD BODY,MAXLIFE |
| | 144329 | CUP,WLDNG,DRAG SHIELD,50 TO 60A |
| | 144337 | CUP,WLDNG,DRAG SHIELD,70 TO 100A |
| | 144345 | CUP,WLDNG,SHIELD,40A,1/MCHN |
| | 144352 | CUP,WLDNG,SHIELD,50 TO 60A,1/60/100 |
| | 144360 | CUP,WLDNG,SHIELD,70 TO 100A,1/60/100 |
| | 144378 | DFLTR,DIRT AND LIQUID SHIELD,1/60/100 |
| | 144386 | CUP,WLDNG,GOUGING SHIELD,1/60/100 |
| | 165761 | NZL,TORCH,CERAMIC,#6,BINZEL |
| | 165779 | NZL,TORCH,CERAMIC,#7,BINZEL |

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| 165787 | | NZL,TORCH,8MM,AL,FOR WP17/18/26 TCHS |
| 1300-SC001-CO018-E | TIG | |
| 161273 | | ELBW,2.4MM, COLLET, BINZEL 13N23 2/PK, |
| 161281 | | ELCTRD,WLDNG,2PCT THROATED TNGSTN,2.4MM |
| 161299 | | ELCTRD,WLDNG,200A,FLEXI |
| 161307 | | CAP,LONG BACK,TO SUIT TIG WELDER |
| 161315 | | CAP,SHORT BACK,TO SUIT TIG WELDER |
| 161323 | | NZL,TORCH,CUTTING,GAS LNS |
| 161331 | | COLLET,GLASS LNS,1-PCE,2.4MM |
| 161349 | | GLVS,MEN'S AND WOMEN'S,TIG WLDNG |
| 1300-SC001-CO036 | SAND BLASTER | |
| 1300-SC001-CO036-1 | AIR TUBE | |
| 162123 | | TBE,COOL AIR,TO SUIT SAND BLAST MCHN |
| 162131 | | TBE,HOT AIR,TO SUIT SAND BLAST MCHN |
| 1300-SC001-CO036-2 | BLAST HOSE | |
| 161968 | | HSE,FLEXIBLE,1-1/4IN DIA X 20M LG,SFLEX |
| 161976 | | HSE,FLEXIBLE,1-1/2IN DIA X 20M LG,SFLEX |
| 161984 | | HSE,FLEXIBLE,1IN DIA X 20M LG,SFLEX |
| 1300-SC001-CO036-3 | COUPLING | |
| 162040 | | CPLR,HSE,25MM,QUICK,NYLON |
| 162057 | | CPLR,HSE,32MM,QUICK,NYLON |
| 162065 | | CPLR,HSE,38MM,QUICK,NYLON |
| 162073 | | GSKT,CPLG,25MM,NYLON,SAND BLAST MCHN |
| 162081 | | GSKT SET,CPLG,32MM AND 38MM,NYLON |
| 162099 | | SCRW,CPLG,TO SUIT SAND BLAST MCHN |
| 162107 | | CPLG,D,1-1/4IN,BRS,S |
| 162115 | | CPLG,D,2-1/4IN,BRS,L |

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| **1300-SC001-CO036-4** | **NOZZLE** |
| **161992** | **NZL,ULTRA-TUFF,SILICON NEON** |
| **162008** | **NZL,ULTRA-TUFF,1/4IN,SILICON NEON** |
| **162016** | **KIT,SAND BLAST M/C** |
| **162024** | **KIT,SAND BLAST M/C** |
| **162032** | **KIT,SAND BLAST M/C** |
| **200533** | **NZL, MIXCHAMBER, KIT** |
| **1300-SC001-CO036-5** | **SERVICE KIT** |
| **162149** | **FLTR,AIR,RADEX,TO SUIT SAND BLAST M/C** |
| **162156** | **TAPE,PROFILE TESTING** |
| **200545** | **DRL,BIT,#53** |
| **200546** | **TOOL,NUT,DRIVER,5/16"** |
| **200547** | **TOOL,NUT,DRIVER,5/16"** |
| **200548** | **CHCK,DUAL,PIN DRILL VISE** |
| **200549** | **KIT,TOOL,AP HANDLE** |
| **200660** | **SEAL,SLIDE CARTRIDGE** |
| **200661** | **GRS,LOW VISCOSITY** |
| **200662** | **KIT,GUN CLEANING** |
| **200663** | **KIT,VLV,CHECK, FILTER SCREEN** |
| **200664** | **KIT,GUN REPAIR** |
| **1300-SC001-CO036-6** | **BLAST POT** |
| **201841** | **SWTCH,RESPONSE DEADMAN,PNEUMATIC HANDLE** |
| **201842** | **KIT,SERVICE,RESPONSE DEADMAN** |
| **201843** | **VLV,PRSR HOLD,THOMPSON SERIES 2** |
| **201844** | **KIT,REPAIR,SEALS ONLY,THOMPSON SERIES 2** |
| **201845** | **HSE,AIR BREATHING,10MMX20M,C/W FITTINGS** |

## Appendix D. The Contractor Supplied Materials and Consumables

**(including but not limited to the listed items)**

| Stock Code | Description |
|---|---|
| **1300-SC001-CO003** | **BATTERIES** |
| 97220 | BTTRY,DRY CELL,ALKALINE,C |
| 73486 | BTTRY,DRY CELL,SUPER HEAVY DUTY,6V |
| 73502 | BTTRY,DRY CELL,ALKALINE,AA |
| 73510 | BTTRY,DRY CELL,ALKALINE,AAA |
| 73544 | FLASHLIGHT,6V,ORANGE |
| 136440 | BTTRY,DRY CELL,12V,PHOTO |
| 166504 | BTTRY,DRY CELL,VERSAFLOW,PAPR |
| 201098 | CHRGR,BTTRY,LITHIUM ION,SPEEDGLAS HELMET |
| 201097 | BTTRY,DRY CELL,LITHIUM ION,H/DUTY |
| 201910 | CHRGR,BTTRY,3M VERSAFLO,TR-340 |
| 166090 | BTTRY,DRY CELL,LITHIUM ION,STANDARD |
| **1300-SC001-CO011** | **LIFTING** |
| 118349 | BLK,CHN,3M,GEN III JBS,1TON |
| 118331 | BLK,CHN,3M,GEN III JBS,0.5TON |
| 118216 | LVR,BLK,1.5M,1.6TON,GEN III JBS |
| 118190 | LVR,BLK,1M,0.25TON,GEN III JBS |
| 118208 | LVR,BLK,1.5M,0.8TON,GEN III JBS |
| 117416 | SHACKLE,BOW,10MM,SCRW,1TON,S |
| 117424 | SHACKLE,BOW,13MM,SCRW,2TON,S |
| 117432 | SHACKLE,16MM,SCRW,3.2TON,S |
| 117317 | SLNG,ENDLESS,RND,1M LG,SYNTHTC,VIOLET |
| 117325 | SLNG,ENDLESS,RND,2M LG,SYNTHTC,VIOLET |
| 117333 | SLNG,ENDLESS,RND,3M LG,SYNTHTC,VIOLET |

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| | 117341 | SLNG,ENDLESS,RND,1M LG,SYNTHTC,GRN,2TON |
| | 117358 | SLNG,ENDLESS,RND,2M LG,SYNTHTC,GRN,2TON |
| | 117366 | SLNG,ENDLESS,RND,3M LG,SYNTHTC,GRN,2TON |
| | 117374 | SLNG,ENDLESS,RND,1M LG,SYNTHTC,GREY |
| | 117390 | SLNG,ENDLESS,RND,2M LG,SYNTHTC,GREY |
| | 117408 | SLNG,ENDLESS,RND,3M LG,SYNTHTC,GREY |
| 1300-SC001-CO013 | MISCELLANEOUS | |
| | 121236 | BLDE,BAND SAW,27MM WD X 2908MM LG,M42 |
| | 128231 | TAP SET,THREADING,HAND,20MM,2.5MM,CS,SET |
| | 128249 | TAP SET,THREADING,HAND,16MM,2MM,CS,SET |
| 1300-SC001-CO014 | PERSONAL HYGIENE | |
| | 72025 | REPELLENT,INSECT,AEROSOL,150G |
| | 117440 | KIT,CLEANING |
| | 117457 | KIT,8 X CLEANING TABLET |
| | 118083 | BAG,WTR,HYDRATION UNIT,BACKPACK,2L |
| | 74435 | COVERALL,SFTY,INDSTRL,LARGE,TYVEK |
| | 74443 | COVERALL,SFTY,INDSTRL,XL,TYVEK |
| | 97170 | COVERALL,DISPOSABLE,2XL,WHITE,TYVEK |
| | 83881 | NET,HAT AND INSECT,MOSSIE/FLY VEIL,BLK |
| | 74229 | CLNR,HAND,SOLVOL,5L |
| | 97527 | BAND,SWEAT,TERRY CLOTH,HEADWEAR,TOWEL |
| | 71993 | REPELLENT,INSECT,AEROSOL,300G,MORTEIN |
| | 99630 | SQWINCHER,ICY POLE,10/PACKET |
| | 91876 | SUNSCREEN,SPF50+,110G TBE |
| | 91868 | SUNSCREEN,SPF50+,PROTECTA MAXI,1L |
| | 72942 | BOTTLE,JUG,2.5L,INSULATED,COOLER,BLUE |
| | 72959 | BOTTLE,JUG,5L,INSULATED,COOLER,W/TAP |

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| | 74211 | CLNR,HAND,SOLVOL,SOAP,BAR,100 |
| | 102293 | CLNR,HAND,LIGHTNING SCRUBBER,20KG |
| | 99648 | DRINK,SQWINCHER,QWIK STIKS,ORANGE,50PK |
| | 121228 | SUNSCREEN,SPF50+,400ML |
| | 106591 | CLNR,GLEN 20,AEROSOL,300G |
| | 154419 | BARRIER,CREAM,500ML |
| 1300-SC001-CO018-9 | WELDING PPE | |
| | 73874 | GGLS,WLDNG,LIFT UP,5 |
| | 74401 | GLVS,WELDERS,COTTON,TO WEAR UNDER CHMCL |
| | 72363 | GLVS,WELDERS,LEATHER,BIG RED |
| | 201912 | BLANKET,FIRE,1.8X1.8M,HD,VRMICULITE COAT |
| | 126144 | LNS,SFTY EQUIPMENT,CVR,EXT 9000,STD 140C |
| | 126151 | RESPIRATOR,AIR FILTERING,ADFLO A1B1E1 |
| | 126169 | FLTR,PARTICLE |
| | 126177 | FLTR,PRE,FOR RESPIRATOR,AIR FILTERING |
| | 128470 | JCKT,UTILITY WLDNG,XL,PROBAN,ORANGE |
| | 128496 | PRTCTR,LEGGINGS,40CM,LEATHER |
| | 128256 | LNS,SFTY EQUIPMENT,CVR INTERMEDIATE,5/PK |
| | 128264 | LNS,SFTY EQUIPMENT,CVR INTERMEDIATE,5/PK |
| | 128272 | BAND,SWEAT,HEADWEAR SPEEDGLAS 9100,2/PK |
| | 128397 | GLVS,LANCE,MEN'S AND WOMEN'S,LARGE |
| | 128447 | FLTR,PRE,FOR RESPIRATOR,AIR FILTERING |
| | 128454 | FLTR,AIR,RESPIRATOR,FOR RESPIRATOR |
| | 128462 | LNS,SFTY EQUIPMENT,CVR,SPEEDGLAS,HC |
| | 128488 | APRON,HALF,WELDERS,CHROME LEATHER |
| | 128504 | KIT,FRONT CVR,SPEEDGLAS 9100 FX |
| | 128561 | PRTCTR,HEARING,EAR MUFF,WLDNG,BLK |

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| **144709** | **APRON,FULL LENGTH,WELDERS,LEATHER** |
| **144717** | **APRON,FULL LENGTH,WELDERS,LEATHER** |
| **136465** | **BLANKET,WLDNG,1.8M WD X 1.8M LG** |
| **136473** | **HOOD,SFTY,WELDERS,SHOULDER LENGTH** |
| **136762** | **VISOR,FACESHIELD,INDSTRL,SPEEDGLAS,5** |
| **146480** | **LNS,SFTY EQUIPMENT,CVR,SPEEDGLAS,10/PK** |
| **161349** | **GLVS,MEN'S AND WOMEN'S,TIG WLDNG** |
| **160960** | **LNS,SFTY EQUIPMENT,CVR,108MM X 50MM,CR39** |
| **161034** | **CURTAIN,SFTY,WLDNG,1.8 X 2M,GRN** |
| **200506** | **BRTHNG,TUBE,ADFLOW,HELMET,RBR,QRS** |
| **200513** | **LENS,MAGNIFY,2.0,SPEEDGLAS,171022106** |
| **200514** | **GAUNLET,GLOVE,SAVER,REFLECT,LH,LG** |
| **200515** | **GAUNLET,GLOVE,SAVER,REFLECT,RH,LG** |
| **1300-SC001-CO032** | **2 WAY PORTABLE RADIO** |

## Appendix E. Overall Process Plant Facility Plot Plan – Drawing number: 1300-GE-DRG-1005