

KARARA MINING LIMITED

Karara Mining Limited Standard Scope of Work

05-November-2025



KARARA MINING LIMITED
PROJECT TITLE
SUBTITLE OF SCOPE OF WORK

		_	_		
SY	'NI	$\boldsymbol{\cap}$	D	CI	c
. 7	14			- 7	- 7

1	_	is	_	_	:		_	
1	•		T = I	м	•	•	μ	r

"This document has been prepared by Karara Mining Limited for exclusive use on the Karara Iron Ore Project ("the Purpose"). Use of this document other than for the Purpose is not permitted."

NNNN-DD-TYP-NNNN – PROJECT TITLE					
REV	DESCRIPTION	ORIG	REVIEW	APPROVED	DATE
Α	Issued for Internal Review				DD-Mon-YY
		Name	Name	Name	
			-	<u> </u>	
		-	-	_	
			_	_	



CONTENTS

1.		INTRO	DUCTION	4
2.		GLOS	SARY	5
3.		GENE	RAL CLIMATIC INFORMATION - MEAN WEATHER DATA	7
4.		SCOPI	E OF WORK	9
	4.1	Genera	al	9
	4.2	Mobiliz	ation	9
	4.3	Site Sa	afety and Site Access (including Induction programs)	10
	4.4	Work E	Excluded	11
	4.5	Battery	Limits	12
	4.6	Cost of	f Works	12
	4.7	Cost of	f Variations	26
	4.8	Genera	al Obligations of Works	26
5.		DETAI	LED DESCRIPTION OF SCOPE OF WORK	28
	5.1	Compr	essor Maintenance	28
	5.2	HSEC	Management	29
		5.2.1	Site Safety Requirements	29
		5.2.2	Safety Representative	30
		5.2.3	Safe Working Area	30
	5.3	Enviro	nmental Requirements	31
A	PPE	NDIC	ES	
ΑF	PPEND	OIX A.	REFERENCE DOCUMENT LIST	32
ΑF	PPEND	DIX B.	– SCOPE OF SUPPLY	33



1. INTRODUCTION

The Karara Iron Ore Project is a joint venture between Gindalbie Metals and Anshan Iron and Steel Group Corp, (Ansteel) of China. In 2006, Gindalbie and Ansteel formed a landmark 50:50 joint venture under Karara Mining Limited (KML) to finance and develop the Karara Iron Ore Project.

The Karara mine site is located 320 Kilometres north-north-east of Perth and 225 km east of Geraldton (Figure 1). Construction and Commissioning of Stage 1 of the project (Base Plant), designed to produce 8Mtpa of Magnetite is complete.

The Company has an ongoing requirement for compressor maintenance services to support

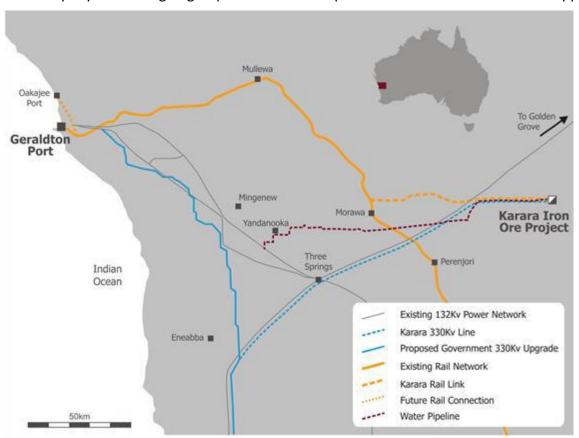


Figure 1: Location of Karara Mine Site



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 person 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
Authorities	Any statutory, public, municipal, governmental or administrative department, commission, authority, agency or entity with jurisdiction in connection with the WUC.
BoD	Basis of Design.
CCIWA	Chamber of Commerce and Industry Western Australia.
CDRL	Contractor Data and Document Requirements List.
Company's Project Requirements	Has the meaning ascribed to it in the Contract
Company's Representative's nominee	Means an individual appointed in writing by the Company's Representative under the Contract.
Contract	The agreement between the Company and the Contractor to which this Scope of Work pertains.
DSO	Direct Shipping Ore.
Execution Date	Means the date on which the Formal Instrument of Agreement is signed by the Company.
Equipment	Means the goods to be supplied or supplied by the Supplier.
FAT	Factory Acceptance Testing.
FEED	Front End Engineering Design.
GPA	Geraldton Port Authority.
HAZOP	Hazard and Operability Review.
HME	Heavy Mining Equipment.
HSEC	Health, Safety, Environment and Community.
HV	High Voltage.
IFC	Issued For Construction.
KIOP	Karara Iron Ore Project.
kW	Kilowatt.



Term	Definition
LV	Low Voltage.
MCC	Motor Control Centre
Mine 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.
MIS	Management Information Systems.
MTOs	Material Take Offs.
MV	Medium Voltage
P&IDs	Piping and Instrumentation Diagrams.
PCS	Process Control System
PEP	Project Execution Plan.
PFDs	Process Flow Diagrams.
PMC	Project Management Contracting
PLC	Programmable Logic Controller
Port Site	Geraldton Port
SCADA	System Control and Data Acquisition.
SDRL	Supplier Data and Document Requirements List.
SoW	Scope of Work.
SWIN	South West Interconnected Networks.
Supplementary Requirements	Specifications, standards, regulations and codes of practice set out at Section 4 of this SoW.
Tenderer	Means a person who lodges a tender for the Work.
Work	Includes the supply of Equipment.
WUC	Means the whole of the Work to be carried out under the contract.



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; 116.00890 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 as follows:

a. General conditions

Climate statistic	Annual Value (Morawa)
Mean Daily Solar Exposure (MJ/m2)	20.7
Mean Number of clear days	147.4
Mean Number of cloudy days	65.1

Table 1: General Conditions

b. Temperature Data

Climate Statistic	Annual Value, Morowa
Mean Maximum Temperature (oC)	27.4
Highest Temperature (oC)	47.8
Mean Number of Days >= 30oC	135.1
Mean Number of Days >= 35oC	73.5
Mean Number of Days >= 40oC	20.5
Mean Minimum Temperature (oC)	12.4
Lowest Temperature (oC)	-2.2
Mean Number of Days =< 2oC	7.6
Mean Number of Days =< 0oC	1.5
Mean 9AM Temperature (oC)	18.8
Mean 9AM Wet Bulb Temperature (oC)	14
Mean 9AM Wet Bulb Temperature (oC)	10
Mean 9AM Relative Humidity (%)	62
Mean 3PM Temperature (oC)	26.4
Mean 3PM Wet Bulb Temperature (oC)	16.6
Mean 3PM Dew point Temperature (oC)	8.7
Mean 3PM Relative Humidity (%)	37

Table 2: Temperature Data



c. Rainfall data

Climate Statistic	Annual Value,
	Morowa
Mean Rainfall (mm)	332.8
Highest Rainfall (mm)	580.4
Lowest Rainfall (mm)	149.1
Decile 1-month Rainfall (mm)	227.2
Decile 5 (Median) Monthly Rainfall(mm)	325.2
Decile 9 Monthly Rainfall (mm)	452.4
Highest Daily Rainfall	120mm
Mean Number of Days of Rain	71.4
Mean Number of Days of Rain >= 1mm	50
Mean Number of days of Rain. = 10mm	8.7

d. Wind Parameters

Climate Statistic	Annual Value,
	Morowa
Mean 9AM Wind Speed (km/h)	11.2
Mean 3 PM Wind Speed (km/h)	12.9

Table 4: Wind Parameters



4. SCOPE OF WORK

4.1 General

This is a schedule of rates contract to mobilize, maintain, and demobilize all parts, equipment and Labor required for the periodic maintenance of the on-site compressors as defined by the Principal, being Karara Mining Limited (KML).

- a) The Contractor shall ensure the performance of Services meets legislation requirements and the Company's policies, procedures, plans, and standards. The Contractor must:
- (i) Provide all things necessary, including, but not limited to, the provision of Labor, materials, equipment, tools, consumables, management, administration, quality control, and maintenance of all site compressors as requested by the Company.
- (ii) Plan resources (Labor and equipment) to meet the requirements of the contract. This will include preventative maintenance requirements and resources as requested by the Company to address unplanned or breakdown maintenance. Work Safe guidelines shall be used as a guide to work hours, breaks between shifts, and fatigue management processes.
- (iii) Ensure Good Industry Practice is employed and maintained in all areas in the performance of Services.
- (iv) Ensure all Services provided are in conjunction with the referenced drawings, specifications, and procedures.
- (v) Ensure the Supply of all Equipment is fit for purpose and in full compliance

4.2 Mobilization

The Contractor shall

- 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 those of others during the execution of the works.
- b) Supply and erection of all temporary guards, barriers, and handrails required for the execution of the Works.
- c) Supply all necessary ancillary equipment for own use. (e.g., Computers, Software, Internet connections, Mobile Phones, and Stationery)

The Contractor must allow/ensure:

- d) site inductions, medicals, and necessary training and equipping of all personnel, including Subcontractors, in accordance with the Principal's safety procedures;
- e) supply all experienced and competent labour necessary to complete The Site Services under the Contract, including all necessary training



- f) Transport and delivery of all parts and materials to meet the contract requirements between the Company's nominated transport provider depot and the Site will be freely issued by the Company
- g) The Contractor is responsible for ensuring efficient and effective logistics solutions for the transport delivery of all other support materials and equipment, including tools and equipment, light vehicles, consumables, PPE, and all spares required for commencement and ongoing provision of the Services.
- h) The Contractor acknowledges:
 - a. No additional labour is to be charged for offsite preparation works
 - b. Additional cartage, forklift, or site access equipment at the Site is free, issued by the Company for loading and unloading/placement of equipment, only where the Contractor's equipment is not suitable and must be planned and coordinated in accordance with the Company's availability of these additional site resources.

4.3 Site Safety and Site Access (including Induction programs)

- a) The Contractor shall ensure that any person involved in the Site Services entering the Site has received and successfully passed the Company's induction program.
- b) The Contractor shall carry out all work in a safe and professional manner and In accordance with the Mines Safety and Inspection Act and the regulations thereto as amended.

The Contractor shall (if applicable):

- c) 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.
- d) Plan the works in close consultation with the Principal Representative so that labour and equipment utilization are used cost-effectively and consistently with Principal requirements.
- e) Liaise with Principal 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.
- f) Be responsible for the protection of all existing services and structures identified by KML in the work area. Any damage to known services caused by the Contractor shall be repaired at the Contractor's expense.
- g) Where applicable, provide and maintain guarding, fencing, danger signs, and other items necessary to ensure the safety of all personnel, plant, and equipment engaged at the Site from hazards associated with the Contractor's operations. At



- all times, access ways must be kept clear of objects or obstructions which could cause injury to personnel or damage to equipment and plant.
- h) Clean-up of the work areas in accordance with the Health, Safety, and Environment and Community Management Plan(s) (HSECMP) and/or as directed by the Principal Representative.
- i) Segregation and disposal of all general waste materials on site as directed by the Principal Representative.
- j) Liaise with the Company representative for the removal from the site of all tyres, hydrocarbon and hazardous waste, including used or surplus chemicals, used chemical and hydrocarbon containers.
- k) Participate in a daily brief "Pre-start" on-site meeting with the KML site Representative and to plan and agree on the work program for the day/shift following. The Contractor shall.
 - a. Attend daily Toolbox meetings that shall be attended by all site personnel, contractors, subcontractors, and KML Site Representative. Key issues discussed shall be recorded and a copy sent to the KML Site Representative.
 - b. Prepare JHA's (Job Hazard Analysis) for specific tasks as required by KML safety requirements or as instructed by KML Site Representative; and
 - c. The Contractor acknowledges that it must work with other contractors that may need to access areas that the Contractor also accesses.

4.4 Work Excluded

- a) The above is a general outline of the requirements, but it is the Contractor's responsibility to provide all personnel, equipment, and services required to complete this work, except for specific exclusions detailed below, which will be provided by the principal:
- b) Provision of serviced accommodation and messing for personnel at the KML village in accordance with the Company's site procedures
- c) Provision of air travel between Perth and the KML village in accordance with the approved manning schedule;
- d) Provision of fuel at the Karara Minesite in accordance with the Company's procedures;
- e) Provision of Site and area inductions at no cost to the Contractor; Provision of a staffed medical facility at the village and Operations Site; and Emergency response facilities (including firefighting capability)



- f) Water, from the Company's water storage sites in accordance with Karara's procedures (if required);
- g) Provision of oils and hydrocarbons for the purpose of servicing the site compressors

4.5 Battery Limits

The battery limits for this scope of work are restricted to the Site Lease as per Figure 2.

4.6 Cost of Works

The expected term of the contract is for 3 years from the date of commencement on site. The Pricing Schedule for compressor servicing and unplanned maintenance shall be in accordance with the Contract.

The Contractor should allow for:

a) The schedule program identified in TABLE 1 below. All servicing must be in accordance with OEM recommendations.

1.1 Equipment GA160 8,5bar (A) FF

Equipment:3×G160	Available Visits	
Visit Type	Visit A	Visit B
Follow Customer Specific Safety Rules	×	×
Take service reading (air, oil, water T+P)	×	×
Replace cubicle filters	×	×
Clean air paths electric motor(s)	×	×
Check sensitive bolt/coupling connections	×	×
Grease the main drive motor bearings	×	×
Check for air-water-& oil leakage	×	×
Check for the air filter element(s)	×	×
Check the condition of the air intake chamber	×	×
Check/Clean condensate drain(s)	×	×
Check oil-& after cooler, clean extern	×	×
Check the condition of the cooling fan assembly (AC)	×	×
Change the compressor oil filter	×	×
Change the compressor oil (customer supply)		×
Change the oil separator element		×
Overhaul the water drain		×
Overhaul check value		×
Overhaul the oil stop value		×
Overhaul the unloader value		×
Overhaul the drive coupling		



1.2 Equipment GA160 8, 5bar (A) FF

Equipment:10×GA500	Available Visits	
Visit Type	Visit A	Visit B
Follow Customer Specific Safety Rules	×	×
Take service reading (air, oil, water T+P)	×	×
Replace cubicle filters	×	×
Clean air paths electric motor(s)	×	×
Check sensitive bolt/coupling connections	×	×
Grease the main drive motor bearings	×	×
Change the compressor oil filter	×	×
Check for air-water-& oil leakage	×	×
Check for the air filter element(s)	×	×
Check the condition of the air intake chamber	×	×
Check/Clean condensate drain(s)	×	×
Check oil-& after cooler, clean extern	×	×
Check the condition of the cooling fan assembly (AC)	×	×
Overhaul check value		×
Overhaul the oil stop value		×
Overhaul the unloader value		×
Change the compressor oil (customer supply)		×
Change the oil separator element		×
Overhaul the water drain		×
Overhaul vent value		×
Overhaul min. press. value		×

1.3 Equipment GA18

Equipment: GA18	Available Visits	
Visit Type	Visit A	Visit B
Follow Customer Specific Safety Rules	×	×
Take service reading (air, oil, water T+P)	×	×
Replace cubicle filters	×	×
Clean air paths electric motor(s)	×	×
Check sensitive bolt/coupling connections	×	×
Grease the main drive motor bearings	×	×
Check for air-water-& oil leakage	×	×
Check the condition of the air intake chamber	×	×
Check/Clean condensate drain(s)	×	×
Check oil-& after cooler, clean extern	×	×
Check the condition of the cooling fan assembly (AC)	×	×
Change the air filter element(s)	×	×
Change the compressor oil filter	×	×



Change compressor oil (customer oil)	×
Change the oil separator element	×
Overhaul the water drain	×
Overhaul vent value (if applicable)	×
Overhaul the unloader value	×
Overhaul min. press. value	×

1.4 Equipment Comp- P17 Recip - 1300-CM-003

Equipment: Comp- P17 Recip – 1300-CM-003	Available Visits	
Visit Type	Visit A	Visit B
Follow Customer Specific Safety Rules	×	×
Take service reading (air, oil, T+P)	×	×
Replace cubicle filters (if fitted)		
Clean air paths electric motor(s)	×	×
Check sensitive bolt/coupling connections	×	×
Grease the main drive motor bearings	×	×
Check for air-water-& oil leakage	×	×
Check for the air filter element(s)	×	×
Change the air filter element(s)	×	×
Check the condition of the air intake chamber	×	×
Check/Clean condensate drain(s)	×	×
Check cooling fins / flywheel fan	×	×
Check belt condition & tension	×	×
Change compressor oil		×
Replace crankcase oil filter (if fitted)		×
Overhaul vent value (if applicable)		
Overhaul non-return valve		
Inspect Safety Valve		×
Run test & verify unloading system		

1.5 Equipment Compressor P55HF Recip – 1454-CM-400

Equipment: P55HF Recip – 1454-CM-400	Available Visits	
Visit Type	Visit A	Visit B
Follow Customer Specific Safety Rules	×	×
Take service reading (air, oil, T+P)	×	×
Replace cubicle filters (if fitted)		×
Clean air paths electric motor(s)	×	×
Check sensitive bolt/coupling connections	×	×
Grease the main drive motor bearings	×	×



Check for air-water-& oil leakage	×	×
Check for the air filter element(s)	×	×
Change the air filter element(s)		×
Check the condition of the air intake chamber	×	×
Check/Clean condensate drain(s)	×	×
Check cooling fins / flywheel fan	×	×
Check belt condition & tension	×	×
Change compressor oil		×
Replace crankcase oil filter (if fitted)		×
Overhaul vent value (if applicable)		×

1.6 Equipment Compressor CPVSD20 FF - 1300-CM-006

Equipment: CPVSD20 FF - 1300-CM-006	Availa	Available Visits	
Visit Type	Visit A	Visit B	
Follow Customer Specific Safety Rules	×	×	
Take service reading (air, oil, water T+P)	×	×	
Inspect VSD cabinet & cooling	×	×	
Replace cubicle filters (if fitted)	×	×	
Clean air paths electric motor(s)	×	×	
Check coupling & motor alignment	×	×	
Check belt condition / tension	×	×	
Check for air-water-& oil leakage	×	×	
Check the air filter element(s)	×	×	
Change the air filter element(s)		×	
Check intake operation	×	×	
Check blowdown operation	×	×	
Check purge operation	×	×	
Check/Clean condensate drain(s)	×	×	
Check condensate drain(s)	×	×	
Check oil cooler & aftercooler	×	×	
Replace compressor oil filter		×	
Change compressor oil		×	
Change the oil separator element		×	
Inspect coupling condition	×	×	
Inspect guarding condition	×	×	
Check pressure gauge	×	×	
Check panel lights	×	×	
Check control line condition	×	×	
Check cooler condition (physical & airflow)	×	×	
Grease drive motor bearings	×	×	
Thermal valve check	×	×	



MPR / NRV operation check	×	×
Run test & verify VSD ramp-up/down	×	×
Replace dryer filter element		×
Inspection PRV for its age and condition	×	×

1.7 Equipment Compressor CHICAGO PNEUMATIC IRONMAN - 1454-CM-044

Equipment: CHICAGO PNEUMATIC IRONMAN-1454-CM-044	Available Visits	
Visit Type	Visit A	Visit B
Follow Customer Specific Safety Rules	×	×
Take service reading (air, oil, water T+P)	×	×
Inspect VSD cabinet & cooling if applicable	×	×
Replace cubicle filters (if fitted)	×	×
Clean air paths electric motor(s)	×	×
Check coupling & motor alignment	×	×
Check belt condition / tension	×	×
Check for air-water-& oil leakage	×	×
Check the air filter element(s)	×	×
Change the air filter element(s)		×
Check intake operation	×	×
Check blowdown operation	×	×
Check purge operation	×	×
Check/Clean condensate drain(s)	×	×
Check condensate drain(s)	×	×
Check oil cooler & aftercooler	×	×
Replace compressor oil filter		×
Change compressor oil		×
Change the oil separator element		×
Inspect coupling condition	×	×
Inspect guarding condition	×	×
Check pressure gauge	×	×
Check panel lights	×	×
Check control line condition	×	×
Check cooler condition (physical & airflow)	×	×
Grease drive motor bearings	×	×
Thermal valve check	×	×
MPR / NRV operation check	×	×
Run test & verify VSD ramp-up/down	×	×
Replace dryer filter element		×
Inspection PRV for its age and condition	×	×



1.8 Equipment Compressor Hertz HGS11 — 1454-CM-043

Equipment: Hertz HGS11 — 1454-CM-043	Available Visits	Available Visits	
Visit Type	Visit A	Visit B	
Follow Customer Specific Safety Rules	×	×	
Take service reading (air, oil, water T+P)	×	×	
Inspect VSD cabinet & cooling if applicable	×	×	
Replace cubicle filters (if fitted)	×	×	
Clean air paths electric motor(s)	×	×	
Check coupling & motor alignment	×	×	
Check belt condition / tension	×	×	
Check for air-water-& oil leakage	×	×	
Check the air filter element(s)	×	×	
Change the air filter element(s)	×	×	
Check intake operation		×	
Check blowdown operation	×	×	
Check purge operation	×	×	
Check/Clean condensate drain(s)	×	×	
Check condensate drain(s)	×	×	
Check oil cooler & aftercooler	x	×	
Replace compressor oil filter		×	
Change compressor oil		×	
Change the oil separator element		×	
Inspect coupling condition	×	×	
Inspect guarding condition	×	×	
Check pressure gauge	×	×	
Check panel lights	×	×	
Check control line condition	×	×	
Check cooler condition (physical & airflow)	×	×	
Grease drive motor bearings	×	×	
Thermal valve check	×	×	
MPR / NRV operation check	×	×	
Run test & verify VSD ramp-up/down	×	×	
Replace dryer filter element		×	
Inspection PRV for its age and condition	×	×	



1.9 Equipment Compressor G15FF A8.5 TM — 1324-CM-001

Equipment: Hertz HGS11 — 1454-CM-043	Available Visits	Available Visits	
Visit Type	Visit A	Visit B	
Follow Customer Specific Safety Rules	×	×	
Take service reading (air, oil, water T+P)	×	×	
Inspect VSD cabinet & cooling if applicable	×	×	
Replace cubicle filters (if fitted)	×	×	
Clean air paths electric motor(s)	×	×	
Check coupling & motor alignment	×	×	
Check belt condition / tension	×	×	
Check for air-water-& oil leakage	×	×	
Check the air filter element(s)	x	×	
Change the air filter element(s)	x	×	
Check intake operation		×	
Check blowdown operation	×	×	
Check purge operation	x	×	
Check/Clean condensate drain(s)	x	×	
Check condensate drain(s)	×	×	
Check oil cooler & aftercooler	×	×	
Replace compressor oil filter		×	
Change compressor oil		×	
Change the oil separator element		×	
Inspect coupling condition	×	×	
Inspect guarding condition	×	×	
Check pressure gauge	×	×	
Check panel lights	×	×	
Check control line condition	×	×	
Check cooler condition (physical & airflow)	×	×	
Grease drive motor bearings	×	×	
Thermal valve check	×	×	
MPR / NRV operation check	×	×	
Run test & verify VSD ramp-up/down	×	×	
Replace dryer filter element		×	
Inspection PRV for its age and condition	×	×	



2.0 Equipment Compressor Ingersoll Rand D75 — 1454-CM-042

Equipment: Hertz HGS11 — 1454-CM-043	Available Visits	Available Visits	
Visit Type	Visit A	Visit B	
Follow Customer Specific Safety Rules	×	×	
Take service reading (air, oil, water T+P)	×	×	
Inspect VSD cabinet & cooling if applicable	×	×	
Replace cubicle filters (if fitted)	×	×	
Clean air paths electric motor(s)	×	×	
Check coupling & motor alignment	×	×	
Check belt condition / tension	×	×	
Check for air-water-& oil leakage	×	×	
Check the air filter element(s)	×	×	
Change the air filter element(s)	×	×	
Check intake operation		×	
Check blowdown operation	×	×	
Check purge operation	×	×	
Check/Clean condensate drain(s)	×	×	
Check condensate drain(s)	×	×	
Check oil cooler & aftercooler	×	×	
Replace compressor oil filter		×	
Change compressor oil		×	
Change the oil separator element		×	
Inspect coupling condition	×	×	
Inspect guarding condition	×	×	
Check pressure gauge	×	×	
Check panel lights	×	×	
Check control line condition	×	×	
Check cooler condition (physical & airflow)	×	×	
Grease drive motor bearings	×	×	
Thermal valve check	×	×	
MPR / NRV operation check	×	×	
Run test & verify VSD ramp-up/down	×	×	
Replace dryer filter element		×	
Inspection PRV for its age and condition	×	×	

2.1 Equipment Compressor Ingersoll Rand RS37i A8.5 — 1454-CM-046

Equipment: Hertz HGS11 — 1454-CM-043	Available Visits	6
Visit Type	Visit A	Visit B
Follow Customer Specific Safety Rules	×	×



Take service reading (air, oil, water T+P)	×	×
Inspect VSD cabinet & cooling if applicable	×	×
Replace cubicle filters (if fitted)	×	×
Clean air paths electric motor(s)	×	×
Check coupling & motor alignment	×	×
Check belt condition / tension	×	×
Check for air-water-& oil leakage	×	×
Check the air filter element(s)	×	×
Change the air filter element(s)	×	×
Check intake operation		×
Check blowdown operation	×	×
Check purge operation	×	×
Check/Clean condensate drain(s)	×	×
Check condensate drain(s)	×	×
Check oil cooler & aftercooler	×	×
Replace compressor oil filter		×
Change compressor oil		×
Change the oil separator element		×
Inspect coupling condition	×	×
Inspect guarding condition	×	×
Check pressure gauge	×	×
Check panel lights	×	×
Check control line condition	×	×
Check cooler condition (physical & airflow)	×	×
Grease drive motor bearings	×	×
Thermal valve check	×	×
MPR / NRV operation check	×	×
Run test & verify VSD ramp-up/down	×	×
Replace dryer filter element		×
Inspection PRV for its age and condition	×	×
		

2.2 Equipment Compressor RM11i A8 TAS272 — 1454-CM-002

Equipment: Hertz RM11i A8 TAS272 — 1454-CM-002	Available Visits		
Visit Type	Visit A	Visit B	
Follow Customer Specific Safety Rules	×	×	
Take service reading (air, oil, water T+P)	×	×	
Inspect VSD cabinet & cooling if applicable	×	×	
Replace cubicle filters (if fitted)	×	×	
Clean air paths electric motor(s)	×	×	
Check coupling & motor alignment	×	×	



Check belt condition / tension × Check for air-water-& oil leakage × Check the air filter element(s) ×	×
Check the air filter element(s)	
Check the all little element(s)	×
Change the air filter element(s)	×
Check intake operation ×	×
Check blowdown operation ×	×
Check purge operation ×	×
Check/Clean condensate drain(s) ×	×
Check condensate drain(s)	×
Check oil cooler & aftercooler ×	×
Replace compressor oil filter	×
Change compressor oil	×
Change the oil separator element	×
Inspect coupling condition ×	×
Inspect guarding condition ×	×
Check pressure gauge ×	×
Check panel lights ×	×
Check control line condition ×	×
Check cooler condition (physical & airflow)	×
Grease drive motor bearings ×	×
Thermal valve check ×	×
MPR / NRV operation check	×
Run test & verify VSD ramp-up/down ×	×
Replace dryer filter element	×
Inspection PRV for its age and condition ×	×

2.3 Equipment Compressor G7FF A10 TM — 1454-CM-047

Equipment: Hertz RM11i A8 TAS272 — 1454-CM-002	Available Visits			
Visit Type	Visit A Visit B			
Follow Customer Specific Safety Rules	×	×		
Take service reading (air, oil, water T+P)	×	×		
Inspect VSD cabinet & cooling if applicable	×	×		
Replace cubicle filters (if fitted)	× ×			
Clean air paths electric motor(s)	×	×		
Check coupling & motor alignment	×	×		
Check belt condition / tension	×	×		
Check for air-water-& oil leakage	×	×		
Check the air filter element(s)	×	×		
Change the air filter element(s)		×		
Check intake operation	×	×		



×	×
×	×
×	×
×	×
×	×
	×
	×
	×
×	×
×	×
×	×
×	×
×	×
×	×
×	×
×	×
×	×
×	×
	×
×	×
	x x x x x x x x x x x x x x x x x x x

2.4 Equipment Compressor Refrigerated Dryer Table (generic FF dryers)

Equipment: Compressors Dryers	Available Visits			
Visit Type	Visit A Visit B			
Follow Customer Specific Safety Rules	×	×		
Check refrigerant circuit	x x			
Inspect condenser & clean	x x			
Test condensate drain	x x			
Check dew-point indicator	x x			
Replace pre-filter element	×			
Check fan & airflow	x x			
Leak test	x x			
Operational test	×	×		



2.5 Equipment Compressor Desiccant Dryer Table (generic)

Equipment: Compressors Dryers	Available Visits		
Visit Type	Visit A	Visit B	
Follow Customer Specific Safety Rules	×	×	
Check dryer switching operation	x x		
Inspect pre-filter & after-filter	x x		
Replace filter elements		×	
Check desiccant media	×	×	
Replace desiccant media	×		
Check heater / purge valves	x x		
Check dewpoint monitor	x x		
Operational test & leak check	×	×	

NOTE(S):

- The maintenance tables and task lists contained in this document represent the minimum task scope required by KML. They shall not be considered comprehensive or exhaustive. It is the responsibility of the Service Provider to ensure all OEM Required tasks and Statutory obligations are completed, whether stated herein or not.
- All service intervals shall be performed every 6 months (Type A) and every 12 months (Type B), or at 4,000 and 8,000 operating hours respectively, whichever occurs first. For low-duty compressors that do not accumulate sufficient operating hours, the time-based intervals shall apply.
- 3. The scope shall apply to all compressors and associated dryers at Karara Mine Site.

 The list provided is not exhaustive; any compressors added to site during the contract period are to be covered under the same PM regime.
- 4. The Contractor remains solely responsible for ensuring all OEM, statutory, and safety-critical maintenance tasks are completed, irrespective of whether they are explicitly listed in this document.
- 5. Immediately notify KML in writing if any task in a scheduled service cannot be completed and provide written confirmation that compressor reliability and safety will not be compromised until completion.
- 6. Upon contract termination or expiry, provide a full asset condition report, completed handover checklist, and parts & defects status within five (5) business days.



Table 1.1-2.5 PM Services Program

- 1) PM Service Plans cover:
- A. the scheduled preventative maintenance for the Equipment as set out in the Table above (Services); and
- B. the supply of parts (including consumables) for the relevant Services on the Equipment listed in the table above (**Products**).
- 2) PM Service Plans do not cover any other services or products (including, to avoid doubt, any form of inspection service, any form of repairs (including breakdown repairs), any form of overhaul, provision of loan equipment, or provision of alternative air supply)

The suggested Services Schedule is summarised below in Table 2.

	Asset No:		HRs Per	_			2028	Visits
Machine Description		Serial No	Year	Type	2026	2027		Per Year
GA500 7,5-10bar(A) EWD	1322-CM-029	APF286691	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-030	TBA	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-031	APF160776	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-032	APF286504	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-033	APF160434	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-034	APF160578	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-035	APF161778	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-036	APF160473	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-037	APF160040	8000	PM	A + B	A + B	A + B	2
GA500 7,5-10bar(A) EWD	1322-CM-038	APF161876	8000	PM	A + B	A + B	A + B	2
GA160 8,5bar(A)FF	1322-CM-021	APF240328	8000	PM	A + B	A + B	A + B	2
GA160 8,5bar(A)FF	1322-CM-020	APF161818	8000	PM	A + B	A + B	A + B	2
GA160 8,5bar(A)FF	1322-CM-022	APF161789	8000	PM	A + B	A + B	A + B	2
P17 Recip Compressor	1300-CM-003	19226	Time Based	PM	A + B	A + B	A + B	2
P55HF Recip Compressor	1454-CM-400	63209	Time Based	PM	A + B	A + B	A + B	2
CPVSD20 FF	1300-CM-006	ITJ516910	Time Based	PM	A + B	A + B	A + B	2
GA18FF	1454-CM-001	API456814	Time Based	PM	A + B	A + B	A + B	2
Chicago Pneumatic Ironman	1454-CM-044	CJK8210062	Time Based	PM	A + B	A + B	A + B	2
Hertz HGS11	1454-CM-043	174194	Time Based	PM	A + B	A + B	A + B	2
G15FF A8.5 TM	1324-CM-001	WX1014757	Time Based	PM	A + B	A + B	A + B	2
Ingersoll Rand D75	1454-CM-042	100468DLEG	Time Based	PM	A + B	A + B	A + B	2
Ingersoll Rand RS37i A8.5	1454-CM-046	1988607 DIFM	Time Based	PM	A + B	A + B	A + B	2
RM11i A8 TAS 272	1454-CM-002	CSJ 2628192	Time Based	PM	A + B	A + B	A + B	2
SO G7FF A10 TM	1454-CM-047	WX1018271	Time Based	РМ	A + B	A + B	A + B	2

TABLE 3 - Service Schedule



- b) Scheduled services will be costed as a fixed price which will include all Labor, parts, and consumables (excluding hydrocarbons) to complete the servicing required as per Table 1 to OEM specifications.
- c) Unplanned or breakdown maintenance will come under a schedule of rates and will be subject to the following.
 - The following restrictions on billable travel time will apply for the contract. The company will not be liable for interstate travel and will only provide flights from Perth or a bus service from Geraldton on select days.

Travel	Maximum Billable Hrs per shift
Fly – Perth to Karara Minesite	3
Fly – Karara Minesite to Perth	3
Drive – Perth to Karara Minesite	5
Drive – Karara Minesite to Perth	5
Drive – Geraldton to Karara Minesite	3
Drive – Karara Minesite to Geraldton	3

- ii. A Labour Request Form (LRF) signed by the Company must be received by the Contractor before any additional labour can be sent to the site. On receiving an approved LRF, the Contractor will provide a budget estimate for the additional resources.
- iii. Contingent labour shall be provided for the site as required by the Company, which is calculated in the following labour pricing schedules for the following time-related rates:
 - a. Contingent Compressor Technicians hourly rate for normal hours (Mon-Fri, 6:30 am
 6:30 pm) worked and/or approved by the company as billable hours.
 - b. Contingent Compressor Technician hourly rate for overtime hours (Mon- Fri, 6:30 pm 6:30 am and Saturday) worked and/or approved by the company as billable hours.
 - c. Contingent Compressor Technician hourly rate for Sunday and public holiday hours worked and/or approved by the company as billable hours. and
 - d. Contingent Equipment Specialist SCADA, Profibus, Modbus, and other communication systems hourly rate for normal/overtime/Sunday and public holiday hours worked and/or approved by the company as billable hours.
- d) Site induction to all its personnel employed on the Project and allow for attendance of
- e) all its personnel for the principal's site inductions and training.



4.7 Cost of Variations

- a) All work shall be cost in the form of a Schedule of Rates for cost items in accordance with Contract Schedule 3 - Fee as agreed by the Contractor and KML. If a master unit rate does not exist for a certain task, the Principal's Representative may:
 - i. Ask the Contractor to provide a fixed lump sum quote for the works, or
 - ii. Instruct the Contractor to carry out the works as day-works in accordance with accepted machine or labour rates listed in Item B of Schedule 3 Fee, or
 - iii. Ask the Contractor to provide revised machine or labour rates where they are not listed in Item B of Schedule 3 Fee, and then complete the works as dayworks, or
 - iv. The time limit for such instructions shall be agreed between the KML Site Representative and the Contractor's nominated Representative.
 - v. The contractor shall submit a list of all equipment with their hourly rates (excluding the operator for the equipment). In addition, the contractor shall submit the list of all personnel with their classifications and the corresponding hourly rates as part of the submission of their quotation.
 - vi. While discussions on the job with KML personnel are highly encouraged, such discussions should not be deemed to be an approval for carrying out any job outside those described in this scope of Work or otherwise signed by the Principal Representative.
 - vii. Any work carried out without the written approval of the Principal Representative shall be the full responsibility of the contractor. Where such works are deemed to be unsatisfactory, the Principal Representative may instruct the contractor to remove or rectify at the Contractor's expense.
- b) The Company will not be liable to pay for any hire equipment without a Request for Variation detailing all the Variation Costs items and prior written approval from the KML representative in acceptance of the Variation Request.

4.8 General Obligations of Works

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

- a) Undertake planning activities for the required works.
- Familiarise themselves with relevant Procedures, Specifications, and Drawings, and ensure compliance with all requirements. Particular attention is required for Environmental requirements.
- c) The Contractor shall implement, maintain, and update as necessary an approved (HSECMP) that meets or exceeds the requirements of the Principal's HSECMP



- d) The Contractor shall implement, maintain, and update as necessary an approved Quality Plan and system that meets or exceeds the requirements of the Principal's Quality Plan.
- e) Obtain all statutory and other approvals, licenses, and certificates as required that are relevant to the Contractor's SOW.
- f) The Contractor will 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 trades and Contractors at all times.



5. DETAILED DESCRIPTION OF SCOPE OF WORK

5.1 Compressor Maintenance

5.1.1 5.1.1Location

The Principal in the Processing Plant footprint as identified in Figure 1, in the Schedule 6 of this Document.

5.1.2 Specific Work Description

The Services to be provided by the Contractor shall include, but not be limited to:

- a) Ensure all site compressors are maintained according to OEM specifications
- b) Contractor to provide all necessary management in accordance with KML Policy and Procedures
- c) Daily timesheets duly signed and approved by an authorised Company Representative must support all services and repair work provided under the Contract.
- d) This Scope of Work has been prepared based on current site asset information and known operating conditions. Prior to contract award, vendors shall review and validate service intervals, list of equipment, and maintenance activities. Any discrepancies, omissions, or OEM specific deviations must be raised in writing to KML for clarification and approval prior to mobilisation.

5.1.3 The Principal's remedy notice

- a) If the Contractor fails to meet Production Requirements due to an act or omission of the Contractor (Production Shortfall), the Principal may give the Contractor:
 - i. a written notice specifying the date by which the Contractor must rectify the Production Shortfall to the extent that the Production Shortfall is capable of rectification; or
 - ii. if the Production Shortfall is incapable of rectification, a written notice specifying the principal's requirements to overcome or cure the effects of that breach and prevent the breach from recurring (Cure Plan).
- b) If the Principal gives the Contractor a written notice referred to in clause a), the Contractor must comply with the written notice within the time stated in the notice.
- c) The Principal may terminate the Contract by notice in writing to the Contractor when a Termination Event occurs. A Termination Event is deemed to have occurred if:
 - i. A Production Shortfall occurs twice in any three weeks, or
 - ii. the Contractor fails to rectify or effect the Cure Plan to meet the Production Requirements



- d) For the avoidance of doubt, the Termination Event in c(i) or c(ii) is deemed to continue until either is remedied or this Agreement terminates as a consequence of d(i) or d (ii), which are deemed to be incapable of rectification by the Contractor.
- e) Where there is a Production Shortfall or if due to any other act or omission on the Contractor's part that results in a claim against the Principal by any other contractors for compensation to which they have an entitlement, the amount of any such valid claim will become a debt due and payable by the Contractor to the Principal under the offset provisions of this Agreement.

5.2 HSEC Management

All work undertaken for this project shall be carried out with the greatest regard and attention to safety issues. The Occupational Health and Safety Management Plan document number 1000-HS-PLN-1001 outlines the minimum safety and health requirements to be implemented in the delivery of services to KML for the project. The Contractor shall comply with all safety requirements of the relevant Acts, Regulations, By-Laws, Codes of Practice, Standards, and other regulatory requirements.

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 those that will be encountered during site and field work, and travel. Particular attention shall be paid, when choosing locations for equipment, to providing safe access and egress of personnel.

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. Before mobilising to the site, any contractor is required to conduct a Contractor's 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.

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 (1000-HS-PLN-1001) for the KML operation.

5.2.1 Site Safety Requirements

- a) The Contractor shall:
 - i. 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" (1000-HS-PLN-1001), relevant Codes of Practice, By-Laws, Acts, Regulations and statutory requirements.
 - ii. Prepare and submit a Project 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 be limited to, the provisions of this SOW and the specifications.
- iii. 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:
 - a. Certificates issued.
 - b. Medical examination results.
 - c. Date the competency/skill was verified by the Contractor (and the name of the assessor).
 - d. Drivers' licenses.
 - e. Personal details.

5.2.2 Safety Representative

- a) 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.
- b) The Representative may consist of the Contractor's senior representative on-site or designate.

5.2.3 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" (1000-HS-PLN-1001), the Contractor shall be responsible for:
 - ii. Providing all necessary safe work equipment and establishing all safe Methods (safe operating procedures) necessary to carry out the Site Services.
 - iii. Obtaining all necessary permits prior to the commencement of the relevant Site Services activity (e.g., hot works, working at heights, etc.) as applicable.
 - iv. 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" (1000-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.
 - v. Effective control of dust and wind-borne material emanating from the Site as a result of the Site Services.



- vi. Maintaining communication and liaison with the Company's Representative and other contractors on the Minesite to ensure the Site Services are coordinated and undertaken to maintain the safety of all persons on the Site and assist in the performance of the project.
- vii. Keeping the Site Services and access ways in a safe condition from the time of handover to the Contractor, until the Site Services are handed back to the Company's Representative after completion of the Site Services.

5.3 Environmental Requirements



Appendix A. Reference Document List

Document Number	Description
CORP-AD-FRM-1002	Document & Revision Numbering System
CORP-AD-FRM-1057	KML Capital Project Documents - Document & Revision Numbering System ***For Capital Projects Only***
CORP-GE-PLN-1002	Document & Data Management Plan
CORP-GE-BOD-1001	Basis of Design
CORP-GE-SPC-1001	Equipment Labeling Specification
CORP-GE-SPC-1002	Specification for Packing, Marking and Documentation Specification
CORP-HS-PLN-1001	Occupational Health and Safety Management Plan
CORP-EN-PLN-1020	Operational Environmental Management Plan
	For Supplier Packages (SDRL)
CORP-AD-SPC-1001	Supplier Instruction Specification
CORP-QA-SPC-1001	Supplier Quality Requirements Specification
CORP-QA-SPC-1002	Requirements for Compilation of Manufacturers Data Report (MDR) by Contractors
	For Contractor Packages (CDRL)
CORP-AD-SPC-1002	Contractor Data Instruction Specification
CORP-QA-SPC-1003	Contractor Quality Requirements Specification
CORP-GE-MAN-1001	CAD Manual



Appendix B.- Scope of Supply



KARARA MINING LIMITED KARARA MINING LIMITED STANDARD SCOPE OF WORK TEMPLATE

STANDARD SO	COPE OF WORK T	EMPLATE		
		So	cope of Supply	KARARA
7	Purchaser	Karara Mining Limited	Purchaser Order No:	
	Supplier		Rev:	

Item No.	Commodity/Tag	Size 1	Size 2	Description	Prev Qty	Rev Qty	Total Qty	UOM	Account Code
				Insert more rows as required					