



OZ Minerals

PROVISION OF FIRE PROTECTION SYSTEMS MAINTENANCE SERVICES FOR PROMINENT HILL

SCOPE OF WORKS

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Schedule 1 – Services

INTRODUCTION

1.1 Site Description

OZ Minerals operates both open cut and underground copper/gold mines and a processing plant at Prominent Hill.

Prominent Hill is a remote mining site with a fly in fly out work force supporting mining, processing and exploration activities.

A permanent accommodation village located approximately 3 km from the mining operations caters for site personnel.

Processing of ore commenced in February 2009.

1.2 Site Location and Access

The Prominent Hill mine site is located approximately 650 km (by air) north-west of Adelaide, South Australia, approximately 120 km south-east of Coober Pedy and 150 km north-west of Roxby Downs. The site is accessible via an unsealed road from the Stuart Highway at a point approximately 100km south of Coober Pedy.

Regular charter flights service the site from Adelaide and Port Augusta domestic airports.

1.3 Climate

Climatic data for the area is available from the Bureau of Meteorology on its website (<http://www.bom.gov.au>).

1.4 Health, Safety and Environment

Health safety and environment (HSE) excellence is a primary management objective and the responsibility of every Prominent Hill team member. OZ Minerals is dedicated to continuous efforts to make its operations compatible with protecting the health and safety of all of its employees and sub-contractors. The OZ Minerals team is committed to achieving HSE excellence in all of its business practices with the objective of Zero Harm.

All Employees, Contractors and Subcontractors of OZ Minerals are expected to work to the standards outlined in the OZ Minerals Safety & Health Management Plan – Prominent Hill (attached as Attachment 1 to this Scope of Work).

SCOPE OF WORK

1. Background

OZ Minerals requires a Contractor to provide reliable maintenance and breakdown repairs services for the fire detection and protections systems and equipment located at our Prominent Hill mine site.

This Scope of Work includes servicing of fire detection and protection systems and equipment installed in the site accommodation village, and in all operational areas of Prominent Hill mine site under OZ Minerals' directional control.

The Contractor shall provide separate invoicing for defined areas to enable transparent internal cost allocation.

All Services shall be performed to the following standards:

- AS/NZS 3000:2007 - Electrical installations (known as the Australian/New Zealand Wiring Rules)
- AS 1851:2012 - Routine service of fire protection systems and equipment
- Minister's Specification SA 76-Maintenance of Essential Safety Provisions-2015 edition (attached as Attachment 2 to this Scope of Work)
- PH-MTC-MAN-0001 Electrical Safety Manual

Service Summary/Schedule

Equipment/Service Description	Servicing Schedule
Fire Indicator Panel (FIP)	Monthly & Annual
Vesda (Smoke Detection System)	Monthly & Annual
Sprinkler Testing	Monthly & Annual
Portable Fire Extinguishers	6 Monthly and Yearly
Hydrants	6 Monthly and Yearly
Hose Reels	6 Monthly and Yearly – including annual Flow test
Fire blankets	6 Monthly and Yearly
B.O.W. (Building Occupant Warning System)	6 Monthly and Yearly
Gas Systems	6 Monthly and Yearly
Fire Pumps	6 Monthly and Yearly

2. **Maintainable Equipment Listing**

2.1 **Fire Indication Boards (FIB's)**

There are seven networked 2800 series Nifier Addressable FIB's located at: the Processing Control Room; Tailings Substation; Crushing Control and Administration. These panels are networked via: fibre optic communications; cabling and integral interface modems, and are configured to indicate fire systems activity from the entire complex.

Areas associated with these 2800's have a combination of: addressable smoke detection; addressable manual call points and hydraulic fire protection systems monitoring devices connected to the FIB via addressable loops. Main FIB's are equipped with occupant warning tone generators which will annunciate Australian Standard alert and Evacuation tones, to areas associated with the specific FIB only via speakers on receipt of an alarm.

Manual activation of occupant warning and public address facility is available for the areas adjacent to specific FIB's.

FIB	AREA	DESCRIPTION
1	4270	HIGH VOLTAGE SWITCH ROOM
2	3190	CRUSHING SUBSTATION
3	3290	GRINDING SUBSTATION
4	3490	FLOATATION SUBSTATION
5	3590	CONCENTRATE SUBSTATION
6	3690	TAILINGS SUBSTATION
7	5120	LABORATORIES
8	3812	R.O. PLANT
9	3840	MAIN CONTROL ROOM
10	5000	ADMINISTRATION BUILDING
11	4260	POWER GENERATION CONTROL ROOM
12	3100	CRUSHING CONTROL ROOM
13	5160	MAINTENANCE WORKSHOP
14	5140	WAREHOUSE
15	3820	HIGH VOLTAGE CONTROL ROOM
16	4260	POWER GENERATOR ROOM
17	4270	ANKATA
18	4400	COMMUNICATIONS HUT 1
19	4400	COMMUNICATIONS HUT 3
20	4400	COMMUNICATIONS HUT 4
21	4300	FUEL FARM BOW S
22	3190	MALU SURFACE
23	1510	PASTE PLANT - PROCESSING
24	1540	PASTE PLANT - CHF

NOTE: FIB control panels are accessible via an Industry Standard 003 Key.

2.2 Electrical Substations

The below listed substations have fire detection systems consisting of: Multipoint Aspirated Smoke Detection; conventional smoke detectors and manual break glass points monitored by a Notifier 2600 series FIB (previously listed above in Table 1). These FIB's are equipped with Gas Suppression System cards for future use and the substations equipped with Gas Suppression System occupant warning devices for future use.

- 3190 Crushing Substation
- 3290 Grinding Substation
- 3490 Flotation Substation
- 3490 Concentrate Substation
- 4260 Power Generation Control Room

- 4270 High Voltage Substation
- 3820 High Voltage Control Room

2.3 Outbuildings

The below listed outbuildings have fire detection systems consisting of conventional smoke and thermal detectors and manual break glass points, monitored by a Notifier 2600 series FIB (previously listed in Table 1).

These FIB's are equipped with occupant warning tone generators which will annunciate Australian Standard alert and Evacuation tones to areas associated with the specific FIB only, via speakers on receipt of an alarm.

- 3812 FIB 008 – R.O. Plant
- 4260 FIB 016 – Power Generator Shed
- 5140 FIB 014 – Warehouse
- 5160 FIB 013 – Maintenance
- 5120 FIB 007 – Laboratory Buildings

2.4 OZ Minerals Fuel Farm

The Fuel Farm area has two addressable manual call points, one adjacent to each pump set. Activation of either break glass unit will initiate an alarm at the processing control room and occupant warning tones from a horn speaker mounted to the exterior of the power generator shed.

2.5 Mining Offices

Mining Offices have hard wired smoke detectors with battery backup installed throughout, the smoke detectors are not linked to any central reporting or monitoring point.

2.6 Types of Equipment

The table below sets out an overview of the types of fire detection and protection equipment installed at Prominent Hill and required to be inspected, maintained and serviced by the Contractor.

Equipment	Type	Make/Model	Comments
Extinguishers	Water Carbon Dioxide Dry Powder Foam Fire Blankets	Various sizes – 4.5kg, 3.5kg, 1kg	See Attachment 3 – Prominent Hill Fire Equipment List for further details
Fire Hydrants	SAFB 64mm (London Round) Flow – 10L/s Operational Pressure – 450KPa		See Attachment 4 – Mine Site Hydrant Locations & Attachment 5 – Village Hydrant Locations for area layouts.
Fire/ Smoke Detectors	Thermal sensor FST-851	Notifier Inertia	See Attachment 6 – Fire Protection and Detection Systems Description for further details
	Photo Electric smoke sensor FSP-851	Notifier Inertia	See Attachment 6 – Fire Protection and Detection Systems Description for further details

	Call Points FSM-500K	Notifier Inertia	See Attachment 6 – Fire Protection and Detection Systems Description for further details
	Smoke Detectors in Mining Offices		Estimate 25 units
VESDA detector units		VESDA	See Attachment 6 – Fire Protection and Detection Systems Description &
Fire Pump Stations	Main Processing Plant Pump Station (Diesel / Electric) Village Pump Station (Diesel)	Vendor Package	
Hose Reels			See Attachment 3 – Prominent Hill Fire Equipment List for further details
AFF systems	AFF systems on OZ Minerals Underground complaint vehicles		

3. INSTALLATION OVERVIEW

3.1 Process Plant and Operations General

All fire protection/detection alarm points and monitored devices installed in the processing plant, surrounding services and main administration building, are displayed at the seven main Fire Indicator Boards (FIB's), only the processing control room FIB will raise an FIB alarm for any area alarm and has acknowledgment and isolation facility for all points. All other FIB's have local control only.

Processing staff in the Control Room are responsible for alerting Prominent Hill Emergency Response Team (ERT) personnel to alarms.

The occupant warning systems installed in the relative areas will automatically sound when an alarm is triggered.

A listing of alarm point locations and type is set out in Table 2 at the end of this Processing and Operations Areas section.

Fire hydrants and hose reels, supplemented with fire extinguishers, provide fire fighting coverage throughout the facility.

Individual hydraulic and lube units are fitted with fire sprinklers or deluge systems.

3.2 Crushing and Reclaim

Fire hydrants and hose reels, supplemented by hand held portable fire extinguishers, provide fire fighting coverage in this area. Manual call points and audible alarms are also located at strategic points.

Hydraulic and lube units are fitted with fire sprinklers.

The stockpile feed conveyor is protected with fire a sprinkler system in the tail end tunnel section (Crushing Building) and another on the cantilevered head section above the crushed ore stockpile.

3.3 Grinding

Fire hydrants and hose reels, supplemented by hand held portable fire extinguishers, provide fire fighting coverage throughout the grinding area. Manual call points and audible alarms are located at strategic points.

Lube units are fitted with fire deluge systems.

The tail end of mill feed conveyor in the reclaim tunnel is protected with a fire sprinkler system.

3.4 Flotation

Fire hydrants and hose reels, supplemented by hand held portable fire extinguishers, provide fire fighting coverage in the flotation area. Manual call points and audible alarms are located at strategic points.

Hydraulic and lube units are fitted with fire sprinklers or deluge systems as appropriate.

3.5 Concentrate Thickening

Fire hydrants and hose reels, supplemented by hand held portable fire extinguishers, provide fire fighting coverage in this area. Manual call points and audible alarms are located at strategic points.

Hydraulic and lube units are fitted with a deluge system.

3.6 Tailings Thickening and Handling

Fire hydrants and hose reels, supplemented by hand held portable fire extinguishers, provide fire fighting coverage in the flotation area. Manual call points and audible alarms are located at strategic points.

Hydraulic and lube units are fitted with a deluge system.

3.7 Reagent Mixing and Storage

Fire hydrants and hose reels, supplemented by hand held portable fire extinguishers, provide fire fighting coverage in this area. Manual call points and audible alarms are located at strategic points.

3.8 Diesel Storage

The diesel storage facility has fire hydrants installed, supplemented with fire extinguishers.

3.9 Water Treatment Plant

Fire hydrants, supplemented with fire extinguishers are installed in this area.

3.10 Processing Control Room

Fire detection, smoke and heat detectors and audible alarms are installed throughout the levels of the processing control room tower.

Hand held fire extinguishers, supported by fire hose cabinets installed on various levels of the building, are available for fire fighting.

The master fire indicator panel for site is installed in the processing control room. This panel is capable of identifying the location of fires throughout buildings and plant areas and indicating alarms in the areas affected.

3.11 Electrical Rooms

Hand held fire extinguishers are installed in all electrical rooms.

Smoke and heat detectors & manual call points, supplemented with hand held, clean gas, fire extinguishers, are installed in the switch rooms. The fire extinguishers comply with the standards listed in AS1940 and AS2444.

Fire panels are installed in switch rooms.

Switch room fire ratings and fire suppression systems are in accordance with relevant regulations including AS3007:2013 and the following:

- Walls and doors: 1 hour minimum Ingress and Egress;
- Floors: 1 hour minimum Ingress and Egress;
- Roof: 1 hour minimum Ingress and Egress.

The switch room air conditioning system will be de-energised in the event a fire is detected.

The cable ladders on the underside of the switch room have fire sprinklers installed above them to help prevent fire entering the switch room.

3.12 Paste Plant

Fire detection and protection equipment installed throughout the paste plant.

3.13 Accommodation Village

Fire detection and protection equipment installed throughout the Site Accommodation Village includes:

- Fire hose reels throughout;
- Fire Hydrants in the kitchen/ dining room area vicinity;
- Fire extinguishers throughout; and,
- Additional foam fire fighting capabilities at the airport.

4. FIRE PROTECTION SYSTEMS (WET SYSTEMS)

The hydraulic protection systems installed throughout the processing plant, surrounding services and main administration building, are fed from a ring main fire water reticulation system pressurized by a combination electric and diesel pump set located adjacent to the raw water dam and consists of the following:

4.1 Sprinkler Systems

Sprinkler systems are installed to cover under substation cable ladders areas for the below listed substations.

These sprinkler systems are monitored for alarm and valve tamper by addressable devices housed in junction boxes, mounted adjacent to each valve set. These devices raise alarms on the 2800 series FIB associated with the specific area, to the processing control room FIB, and indicate only on the remaining two 2800 FIB's.

Activation of these sprinkler systems will raise an alarm at the processing control room and occupant warning tones will annunciate throughout the associated area only. The sprinkler systems are fed from the same ring main fire water reticulation system as the hydrant and hose reel system and are pressurized by a combination electric and diesel pump set located adjacent to the raw water dam.

Operation of the sprinkler systems will alert the processing control room of a "Fire Pumps running" situation.

- 3190 Crushing
- 3290 Grinding
- 3490 Flotation
- 3490 Concentrate
- 3690 Tailings

Sprinkler systems are also installed on the critical conveyor sections listed below. These sprinkler systems are monitored for alarm and valve tamper by addressable devices housed in junction boxes, mounted adjacent to each valve set. These devices raise alarms on the 2800 series FIB associated with the specific area, to the processing control room FIB, and indicate only on the remaining two 2800 FIB's.

Activation of these sprinkler systems will raise an alarm at the processing control room and occupant warning tones will annunciate throughout the associated area only. These sprinkler systems are fed from the same ring main fire water reticulation system as the hydrant and hose reel system and are pressurized by a combination electric and diesel pump set located adjacent to the raw water dam. Operation of these sprinkler systems will alert the processing control room of a "Fire Pumps running" situation.

Primary Crushing Conveyor Head (conveyor top section)

Primary Crusher Conveyor Tail (tunnel)

Reclaim Conveyor Tail (tunnel)

4.2 Deluge System

Deluge systems are installed to cover hydraulic fluids and power pack units for the below listed equipment.

These deluge systems are monitored for alarm and valve tamper by addressable devices housed in junction boxes, mounted adjacent to each valve set. These devices raise alarms on the 2800 series FIB associated with the specific area, to the processing control room FIB, and indicate only on the remaining two 2800 FIB's. Activation of these systems will raise an alarm at the processing control room and occupant warning tones will annunciate throughout the associated area only. Deluge

systems are fed from the same ring main fire water reticulation system as the hydrant and hose reel system and are pressurized by a combination electric and diesel pump set located adjacent to the raw water dam. Operation of the deluge systems will alert the processing control room of a “Fire Pumps running” situation.

- 3110 Primary Crushing Lube Unit
- 3120 Primary Crusher Apron Feeder Power Pack
- 3130 Stockpile Reclaim conveyor Apron Feeder Power Pack 3210 Sag Mill Hydraulic Room
- 3220 Ball Mill Hydraulic Room
- 3430 Isa mill Lube Unit
- 3430 Isa mill Gearbox Lube Unit
- 3520 Concentrate Filtration Power Pack
- 3510 Concentrate Thickener Power Pack
- 3720 Tailings Thickener Power Pack

4.3 Hydrants, Hose Reels and Extinguishers

A total of 65 double headed fire hydrants are installed throughout the processing, administration and mining offices areas, as listed on Attachment 4 - Mine Site Fire Hydrant Locations. Hoses are not installed at hydrant locations.

The hydrant system is fed from the same ring main fire water reticulation system as the sprinkler/deluge and hose reel system and is pressurized by a combination electric and diesel pump set located adjacent the raw water dam. Operation of hydrants will alert the processing control room of a “Fire Pumps running” situation.

4.4 Hose Reels

A total of 73 cabinet enclosed 36m Hose Reels are installed throughout the processing and operations areas as listed in Attachment 3 Prominent Hill Fire Equipment List.

The hose reel system is fed from the same ring main fire water reticulation system as the hydrants and sprinkler/deluge systems and is pressurized by a combination electric and diesel pump set located adjacent the raw water dam. Operation of hose reels will alert the processing control room of a “Fire Pumps running” situation.

4.5 Fire Extinguishers

Fire Extinguishers are distributed throughout the processing and operations areas

Item	Area	Alarm Point	Reports to FIB	Acknowledged at FIB
1	Control Building	Smoke Detector Lvl 4 Air Lock	6,9,10,12	9
2	Control Building	Lvl 4 ceiling space smoke detector 1	6,9,10,12	9
3	Control Building	Smoke Detector 1 in control room	6,9,10,12	9
4	Control Building	Lvl 4 ceiling space smoke detector 2	6,9,10,12	9
5	Control Building	Smoke Detector 2 in control room	6,9,10,12	9
6	Control Building	Lvl 3 hardware systems area Smoke Detector 1	6,9,10,12	9
7	Control Building	Lvl 3 hardware systems area Smoke Detector 2	6,9,10,12	9
8	Control Building	Smoke Detector Lvl 3 Air Lock	6,9,10,12	9
9	Control Building	Lvl 2 meeting room Smoke Detector	6,9,10,12	9
10	Control Building	Lvl 2 superv. office Smoke Detector	6,9,10,12	9
11	Control Building	Lvl 2 meeting room hall Heat Detector 1	6,9,10,12	9
12	Control Building	Lvl 2 meeting room hall Heat Detector 2	6,9,10,12	9
13	Control Building	Lvl 1 crib room Heat Detector 1	6,9,10,12	9
14	Control Building	Lvl 1 crib room Heat Detector 2	6,9,10,12	9
15	Control Building	Lvl 1 crib room air lock Heat Detector	6,9,10,12	9
16	Control Building	Grd Lvl female change room Heat Detector	6,9,10,12	9
17	Control Building	Grd Lvl passage Heat Detector	6,9,10,12	9
18	Control Building	Grd Lvl male change room Heat Detector	6,9,10,12	9
19	Flotation	Flotation/ control room access stairs Break Glass	6,9,10,12	9
20	Flotation	Flotation plant Lvl 3 Break Glass	6,9,10,12	9
21	Flotation	Flotation plant Lvl 4 Break Glass	6,9,10,12	9
22	Flotation	Flotation/ regrind Grd Lvl Break Glass	6,9,10,12	9
23	Flotation	Isa mill motor lube Deluge Flow Switch	6,9,10,12	9
24	Flotation	Isa mill g/box lube Deluge Flow Switch	6,9,10,12	9
25	Flotation Sub Stn	Flotation sub FIP Alarm	6,9,10,12	9
26	Flotation Sub Stn	Flotation sub FIP Fault	6,9,10,12	9
27	Flotation Sub Stn	Flotation sub sprinkler system pressure switch	6,9,10,12	9
28	Flotation Sub Stn	Flotation sub sprinkler system monitored valves	6,9,10,12	9
29	Grinding Sub Stn	Grinding Sub FIP Alarm	6,9,10,12	9
30	Grinding Sub Stn	Flotation Sub FIP Fault	6,9,10,12	9
31	Grinding Sub Stn	Flotation Sub sprinkler system pressure switch	6,9,10,12	9
32	Grinding Sub Stn	Grinding Area South Manual Call Point Grinding Area East Manual Call Point	6,9,10,12	9
33	Grinding	Grinding Area North Manual Call Point	6,9,10,12	9
34	Grinding	Grinding Area West Manual Call Point	6,9,10,12	9
35	Grinding	Ball Mill Lube Room Valve Alarm	6,9,10,12	9

36	Grinding	Upstream Isolation	6,9,10,12	9
37	Grinding	Ball Mill Lube Room Deluge System Pressure Switch	6,9,10,12	9
38	Grinding	Ball Mill Lube Room Valve Alarm - Downstream Isolation	6,9,10,12	9
39	Grinding	SAG Mill Lube Room Valve Alarm - Upstream Isolation	6,9,10,12	9
40	Grinding	SAG Mill Lube Room Deluge System Pressure Switch	6,9,10,12	9
41	Grinding	SAG Mill Lube Room Valve Alarm-Downstream Isolation	6,9,10,12	9
42	Grinding	SAG feed conveyor lower takeup tower Manual Call Point	6,9,10,12	9
43	Reclaim	Pebble reclaim conveyor tower Manual Call Point	6,9,10,12	9
44	Reclaim	SAG feed conveyor sprinkler Pressure Switch	6,9,10,12	9
45	Reclaim	SAG feed conveyor sprinkler Manual Valve	6,9,10,12	9
46	Reclaim	Reclaim feeders power pack Deluge System Pressure Switch	6,9,10,12	9
47	Reclaim	Reclaim feeders power pack Valve Alarm- Downstream Isolation	6,9,10,12	9
48	Reclaim	Reclaim tunnel entrance Manual Call Point	6,9,10,12	9
49	Reclaim	Reclaim tunnel Manual Call Point SAG conv. t/up tower Manual Call Point	6,9,10,12	9
50	Reclaim		6,9,10,12	9
51	Reclaim		6,9,10,12	9
52	Crushing	Below crusher control Manual Call Point	6,9,10,12	9 & 12
53	Crushing	Maint. access Lvl Manual Call Point	6,9,10,12	9 & 12
54	Crushing	S/pile feed conv. Lvl Manual Call Point	6,9,10,12	9 & 12
55	Crushing	S/pile feed conv. Tunnel entrance Manual Call Point	6,9,10,12	9 & 12
56	Crushing	S/pile feed conv. t/up tower Manual Call Point	6,9,10,12	9 & 12
57	Crushing	Crusher deluge system Upstream Monitored Valve	6,9,10,12	9 & 12
58	Crushing	Crusher deluge system Downstream Monitored Valve	6,9,10,12	9 & 12
59	Crushing	Apron feeder power pack Deluge Pressure Switch	6,9,10,12	9 & 12
60	Crushing	Apron feeder power pack Deluge Monitored Valve	6,9,10,12	9 & 12
61	Crushing	Apron feeder power pack Deluge Monitored Valve	6,9,10,12	9 & 12
62	Crushing	Crusher Substation SFIB02 Alarm	6,9,10,12	2 & 9 & 12
63	Crushing	Crusher Substation SFIB02 Fault	6,9,10,12	2 & 9 & 12
64	Crushing	S/pile feed conv. Tunnel entrance Pressure Switch	6,9,10,12	9 & 12
65	Crushing	S/pile feed conv. Tunnel entrance Monitored Valve	6,9,10,12	9 & 12
66	Crushing	Crusher deluge system Pressure Switch	6,9,10,12	9 & 12
67	Crushing	Crusher control room Smoke Detector	6,9,10,12	9 & 12
68	Crushing	S/pile feed conv. T/up tower Pressure Switch	6,9,10,12	9 & 12

69	Crushing	S/pile feed conv. T/up tower Monitored Valve	6,9,10,12	9 & 12
70	Crushing	Crusher substation sprinkler Pressure Switch	6,9,10,12	9 & 12
71	Crushing	Crusher substation sprinkler Monitored Valve	6,9,10,12	9 & 12
72	Crushing	Crusher control room Manual Call Point	6,9,10,12	9 & 12
73	Reagents	Collector/ test reagent Manual Call Point	6,9,10,12	9 & 6
74	Reagents	Hydrated Lime area Manual Call Point	6,9,10,12	9 & 6
75	Tailings	Flocculent Area Manual Call Point	6,9,10,12	9 & 6
76	Tailings	Tails Thknr power pack sprinkler Flow Switch Valve	6,9,10,12	9 & 6
77	Tailings	Tails Sampler Manual Call Point	6,9,10,12	9 & 6
78	Concentrate	Conc. thknr power pack sprinkler Flow Switch Valve	6,9,10,12	9 & 6
79	Conc Handling	Filter building upper Lvl Manual Call Point	6,9,10,12	9 & 6
80	Conc Handling	Conc. Fltr power pack Pressure Switch	6,9,10,12	9 & 6
81	Conc Handling	Conc. Fltr power pack Monitored Valves	6,9,10,12	9 & 6
82	Conc Handling	Conc. Handling Substation Alarm	6,9,10,12	9 & 6
83	Conc Handling	Conc. Handling Substation Fault	6,9,10,12	9 & 6
84	Conc Handling	Conc. Handling Substation sprinkler flow switch	6,9,10,12	9 & 6
85	Conc Handling	Conc. Handling Substation sprinkler Monitored Valve	6,9,10,12	9 & 6
86	Conc Handling	Filtrate Separator Area Manual Call Point	6,9,10,12	9 & 6
87	Conc Handling	Trash screen Manual Call Point	6,9,10,12	9 & 6
88	Conc Handling	Conc. Substation 3590-FIB-005	6,9,10,12	9 & 6
89	Frother	Frother area Manual Call Point 1	6,9,10,12	9 & 6
90	Frother	Frother area Manual Call Point 2	6,9,10,12	9 & 6
91	High Voltage	HV Switch room SFIB Alarm	6,9,10,12,1	9 & 1
92	High Voltage	HV Switch room SFIB Fault	6,9,10,12,1	9 & 1
93	High Voltage	HV Switch room SFIB Alarm	6,9,10,12,15	9 & 15
94	High Voltage	HV Switch room SFIB Fault	6,9,10,12,15	9 & 15
95	Power Station	Power Station Switch room SFIB Fault	6,9,10,12,11	9 & 11
96	Power Station	Power Station Switch room SFIB Alarm	6,9,10,12,11	9 & 11
97	Power Station	Power Station Room SFIP Alarm	6,9,10,12,16	9 & 16
98	Power Station	Power Station Room SFIP Fault	6,9,10,12,16	9 & 16
99	Workshop	Workshop SFIP Alarm	6,9,10,12,13	9 & 13
100	Workshop	Workshop SFIP Fault	6,9,10,12,13	9 & 13
101	Warehouse	Warehouse SFIP Alarm	6,9,10,12,14	9 & 14
102	Warehouse	Warehouse SFIP Fault	6,9,10,12,14	9 & 14
103	Laboratory	Laboratory SFIP Alarm	6,9,10,12,7	9 & 14
104	Laboratory	Laboratory SFIP Alarm	6,9,10,12,7	9 & 14
105	R.O	R.O Plant SFIP Alarm	6,9,10,12,8	9 & 14
106	R.O	R.O Plant SFIP Fault	6,9,10,12,8	9 & 14
107	Fuel Farm	Fuel Farm Manual Call Point 1	6,9,10,12	9 & 14
108	Fuel Farm	Fuel Farm Manual Call Point 2	6,9,10,12	9 & 14

5. ACCOMMODATION VILLAGE

5.1 Hydrants

Four double headed fire hydrants are installed adjacent to the Accommodation Village kitchen and dining hall as depicted in Attachment 5 - Village Hydrant Locations, hoses are not installed at these hydrant locations.

The hydrant system is fed from a ring main fire water reticulation system pressurized by a fire hydrant diesel pump set located adjacent to and fed from the village potable water tanks.

5.2 Hose Reels

A total of 77 cabinet enclosed 36m Hose Reels are installed throughout the Accommodation Village and surrounds.

The Accommodation Village hose reel system is fed from the potable water reticulation system servicing the village and is pressurized by a combination electric and diesel pump set located adjacent to the village potable water tanks.

5.3 Fire Extinguishers

Fire Extinguishers are distributed throughout the Accommodation Village and surrounds as listed in Attachment 3 Prominent Hill Fire Equipment List.

6. PREVENTATIVE MAINTENANCE

The Contractor will perform all preventative maintenance activities required to ensure that all site fire protection systems and equipment are maintained in a sound and fully operational condition meeting all statutory compliance requirements.

6.1 Asset Registers

The Contractor must create and maintain registers of all site fire detection, protection and suppression systems and equipment on site in accordance with AS 1851:2012.

The Contractor must provide a regularly updated complete copy, in a format acceptable to OZ Minerals, of all registers in electronic and hard copy to OZ Minerals immediately after creation and immediately following each update.

6.2 Asset Management Plan

The Contractor must, within 28 days after award of this Agreement, provide to the OZ Minerals Representative an Asset Management Plan (Plan) clearly detailing the intended Routine Maintenance schedule for all site fire protection systems and equipment in a format acceptable to OZ Minerals.

This Plan will cover all fire protection systems and equipment captured in the fire equipment registers created in accordance with clause 6.1.

As a minimum, the Plan must detail categories of each and every routine maintenance requirement for all fire protection assets, the frequency of routine maintenance and parts required for each task.

The Plan shall conform to AS 1851:2012.

OZ Minerals and the Contractor will review the Plan as soon as it is complete to ensure it is aligned with OZ Minerals business requirements.

The Plan will be reviewed annually in conjunction with a review of the reactive maintenance performed during the past 12 months. Adjustments to Plan tasks and frequencies may be required to prevent malfunctions or to reduce unnecessary maintenance costs.

All weekly inspections identified in the Plan will be performed by OZ Minerals personnel. While physical performance of weekly inspections does not form part of this Scope of Work, the Contractor must report any observations of shortfalls in OZ Minerals compliance with the Plan.

The Plan shall include, but will not necessarily be restricted to the following:

(a) Inspections and Testing

Scheduled inspections and testing of fire detection and protection systems & equipment in accordance with AS 1851:2012.

(b) Communication

The communication process to be used between the Contractor and OZ Minerals to document testing and faults identified in accordance with AS 1851:2012.

(c) Reporting of equipment condition and work completed

The reporting process to be used to ensure that all Services provided are accompanied by a detailed report of work conducted, test results and an overview of current equipment condition together with planned future works.

6.3 Risk Review and Contingency Planning

The Contractor must conduct a risk review of all possible failures of the site fire protection equipment covered by the Plan.

The Contractor must provide contingency plans for all specific plant outages with a potential of catastrophic failure of a system identified during the risk review.

Contingency plans must provide:

- A detailed fault rectification plan;
- A list of spare parts required to be held on site; and,
- A list and location of contingency spares within the Contractors control.

The contingency plans will be reviewed annually by the Contractor and must remain readily available to OZ Minerals upon request by the OZ Minerals Representative.

6.4 Technical Resources

The Contractor must provide technical resources and suitably experienced personnel to discuss with OZ Minerals, any maintenance issues, and review potential cost reduction measures associated with the Services as and when requested by OZ Minerals.

6.5 Notice of Works

The Contractor must notify OZ Minerals of its intention to perform maintenance tasks as soon as they are programmed.

The notification shall include the:

- (i) tasks to be undertaken;
- (ii) start date and time;
- (iii) duration; and
- (iii) any requirements of OZ Minerals personnel or equipment.

The Contractor must provide a reminder notification to the OZ Minerals Representative 14 days before a scheduled task is intended to commence and must notify the OZ Minerals Representative as soon as possible where any changes are made to the scheduling of tasks.

The Contractor workgroup supervisor must contact the OZ Minerals Representative upon arrival at the site and prior to Contractor Personnel commencing any work.

7. REACTIVE (BREAKDOWN) MAINTENANCE

7.1 Service Levels

The Contractor must provide the following service levels for reactive maintenance and repairs required on fire detection and protection equipment:

- 24 hour per day, 365 day per year contact availability;
- suitably trained and experienced maintenance personnel and equipment;
- meet the response times defined below.

7.2 Response Times

The Contractor must meet the following guaranteed response times for the initial attendance to the Site and for each and every repair requirement:

- a) Catastrophic failure resulting in the loss of fire protection system.
 - i. Initial response via telephone within two hours.
 - ii. Arrival onsite to conduct remedial repairs by the next available flight or as agreed with the OZ Minerals Representative.
- b) Failure of a fire protection system unit resulting in a non-critical outage of the fire protection system.
 - i. Response via telephone by the next working day.
 - ii. Arrival onsite to conduct remedial repairs as agreed between OZ Minerals and Contractor.

Non-critical is determined as:

- issues of minimal impact on OZ Minerals operations;
- issues with a low level of risk of damage to OZ Minerals property; or
- systems operating within redundancy design.

7.3 Failure Analysis

The Contractor must perform an analysis of each reactive maintenance task to determine the root cause of failure.

A remedial action plan detailing the planned measures the Contractor intends to implement to minimise the chance of recurrence of each failure shall be developed by the Contractor and forwarded to OZ Minerals to ensure the same problem does not occur again.

Temporary actions may be put in place to mitigate a problem until such time that an agreed permanent fix can be implemented.

8. SPARE PARTS

8.1 Spares Holding

The Contractor must provide a list of recommended spares and minimum numbers to be held by OZ Minerals on site and a list of spares that the Contractor will hold readily available for use in association with the Services if required.

These lists will be provided as part of the Asset Management Plan in a format acceptable to OZ Minerals.

The spare parts lists will be reviewed annually in conjunction with the reactive maintenance for that period.

9. REPORTING

9.1 Preventative Maintenance Results

The Contractor must provide written reports of all of the scheduled task results from execution of the Asset Management Plan to the OZ Minerals Representative. These reports must be provided as soon as practicable after the scheduled maintenance tasks are performed, but at no time later than two weeks after the task(s) are completed.

The task results reports must include associated inspection sheets and any other work that is performed as part of the plan. The reporting of task results must comply with AS 1851-2012.

Each reporting of task results must contain a summary of any issues found that require rectification. Identified issues shall be ranked as High, Medium or Low in accordance with OZ Minerals risk assessment matrix.

A description of the recommended remedial action and the recommended time frame for completion must be included. These tasks shall be added to an outstanding action summary.

9.2 Reactive Maintenance Results

The Contractor must maintain a list of all reactive maintenance call outs. Each call out must have the following documented:

- Description of problem;
- Time and date of initial call from OZ Minerals;
- Time and date of attendance of the Contractors Personnel to the faulted location;
- Description of the remedial action taken; and
- Time and date of final resolution of the problem.

9.3 Unresolved Action Summary

The Contractor must maintain an unresolved action summary from results of the Plan tasks and reactive maintenance root cause analysis.

This summary will be reviewed and updated in conjunction with OZ Minerals on a quarterly basis. Each action will be documented to include:

- Description of the action;
- Owner of the action; and
- Expected completion date.

10. SAFETY

10.1 General Requirements

In addition to compliance with OZ Minerals site requirements for safe work on its premises and the requirements of ReturnToWorkSA (previously known as Workcover South Australia), the Contractor must also comply with the following:

- all Contractor Personnel must successfully complete an OZ Minerals site induction and relevant area inductions & personal lock holder training;
- all Contractor Personnel must successfully complete an OZ Minerals site switch room Level 1 Induction;
- all Contractor vehicles brought onto site must comply with the requirements of the site Traffic Management Plan (TMP) (**6.1.1PRO009 (Traffic Management Procedure_v2)** – Attachment 8 to this Scope of Work). All vehicles must meet current state road regulations; and
- all Contractor Personnel must comply with directions given by OZ Minerals regarding safety and operational requirements.

Prior to commencing any task on site:

- a job safety environmental analysis (JSEA) meeting OZ Minerals requirements must be conducted;
- any tasks undertaken that are outside this Scope of Work must be approved in writing by the OZ Minerals Representative prior to commencement;
- work instructions & job procedures must be followed where required;
- all clearances and work permits must be obtained from the relevant OZ Minerals personnel; and
- the Contractor must retain all required permits on the work site at all times during the execution of the work.

10.2 Electrical Work

All tasks requiring electrical work to be undertaken by the Contractor will be reviewed and / or controlled by the OZ Minerals nominated personnel at OZ Minerals discretion.

Minimum standards for electrical work must include, but may not necessarily be limited to: AS3000:2007, AS1851-2012, SA76 and OZ Minerals Electrical Safety Manual PH-MTC-MAN-0001 (as attached at Attachment 9 of this Scope of Work) and amended from time to time).

Contractor Personnel must obtain authorisation from the OZ Minerals Representative and have successfully completed all training required by Site standards prior to:

- entry to electrical switch rooms, motor rooms and electrical control stations and cabinets;
- commencing any excavation on any surface or wall or any demolition;
- connection of modifications and/or new electrical installations to the site electricity supply; and
- the Contractor must complete a site "CERTIFICATE OF COMPLIANCE" for all new or modified installations and shall deliver such forms to the OZ Minerals Representative.

All incidents involving electrical shock or damage to equipment must be immediately reported to the OZ Minerals Representative.

The Contractor must ensure that appropriate personal protective equipment is available to, and worn by Contractor Personnel when working in or around site electrical equipment. Personal protective equipment must comply with the requirements set out in Prominent Hill Electrical Safety Manual – PH-MTC-MAN-0001.

11. REVIEW

11.1 Asset Management Plan

The Contractor and OZ Minerals Representative will meet on an annual basis to review the Asset Management Plan.

The asset management plan tasks will be reviewed for the following:

- relevance;
- frequency; and
- any additional tasks required.

11.2 Spare Parts

The recommended spare parts list will be reviewed annually in conjunction with the Asset Management Plan to ensure that the items and stock holding levels remain relevant.

11.3 Reactive Maintenance

The Contractor and OZ Minerals Representative will meet on a quarterly basis to review the reactive maintenance job list for the past quarter to ensure all failures have been adequately analysed. The frequency of this review meeting may be varied at the sole discretion of the OZ Minerals Representative.

The list will be reviewed to ensure that the Asset Management Plan is updated in accordance with the action items from the fault analyses.

11.4 Unresolved Action Summary

The unresolved action summary will be reviewed in conjunction with the reactive maintenance review to ensure adequate progress is being made on any outstanding items.

11.5 Contractor Performance

Contractor performance will be measured against:

- the number of occurrences of failure of equipment identified in section 7.3 of this document and of any additional equipment subsequently installed on the Site;
- response times for reactive maintenance tasks as defined in section 7.2;
- safety performance of Contractor Personnel on site; and
- Contractor Personnel compliance with site behaviour requirements.

11.6 Continuous Improvement

The Contractor will be expected to provide to OZ Minerals, throughout the life of the Agreement, proposals for improvements and innovations to the systems and maintenance of those systems, across the site.

The Contractor and OZ Minerals Representative will discuss opportunities for continuous improvement and innovation as part of the quarterly meetings to be conducted under this Agreement.

Schedule 2 – Site Details

Site:	Name:	Delivery for Services:
1	OZ Minerals Prominent Hill	OZ Minerals Prominent Hill Operations
	South Australia	Prominent Hill Via Stuart Highway, SA
	Australia	
	Phone: +61 08 8229 6600	Phone: +61 08 8672 8100
	Fax: +61 08 8229 6601	Fax: +6108 8672 8101

Schedule 3 – OZ Minerals Policies and Procedures

Woomera Access Agreement

The Contractor must ensure that Contractor Personnel comply with the Company's obligations under the Woomera Access Agreement as attached to this Contract.

A key requirement of the Woomera Access Agreement is that all Contractor Personnel who will spend more than 7 days in total, taking into account all previous visits, on Site on any of Prominent Hill's leases in the "Woomera Prohibited Area" must submit an application for an Australian Federal Police (AFP) National Police Check.

Contractor Personnel intending to enter any Prominent Hill leases for more than seven days must submit a receipt of application for an Australian Federal Police National Police Check to OZ Prominent Hill External Relations Department at afpclearances@ozminerals.com prior to the seventh day on Site.

This form can be downloaded from

http://www.afp.gov.au/data/assets/pdf_file/90643/NPC-Application_form.pdf

If the AFP check has been applied for and the receipt has been lost, the persons appropriate manager/supervisor may sign off on the Site Arrival Request Form to confirm that they are satisfied that an application has been completed and the date that it was lodged.

Once the National Police Check (NPC) has been received, the following information as it appears on the NPC must be forwarded to afpclearances@ozminerals.com:

- Persons Full name;
- Date of birth;
- AFP check/ clearance number; and,
- AFP check/ clearance date.

All Contractor Personnel, including visitors and people staying on Site for less than 7 days must:

- Declare their nationality;
- Advise their place of birth; and,
- Ensure that OZ Prominent Hill Travel Department is made immediately aware of any change in their home address.

The Contractor shall ensure that all Contractor Personnel are aware that:

- All Contractor Personnel, including visitors, even if they are only driving in and out for the day, must fill out a Site Arrival Request Form and forward it to the OZ Travel Team at bookingsph@ozminerals.com. It is part of OZ Minerals Woomera obligations to know who is here at any one time and to report this to the Department of Defence periodically (this includes family and friends picking up/dropping off workers to Site); and,
- By being on Site and signing a Site Arrival Request Form, they consent to their personal information being supplied to the Department of Defence.

OZ Prominent Hill External Relations Department reserve the right to audit compliance with the Woomera Access Agreement at any time.

Non-compliance with any of the Company's obligations under the Woomera Access Agreement will lead to the exclusion of the Contractor and Contractor Personnel from the Site.

1. **Woomera Obligations Background**

The OZ Minerals Prominent Hill site is situated within the Woomera Prohibited Area in South Australia as proclaimed under the Defence Force Regulations. As a result of operating within the Woomera Prohibited Area OZ Minerals is subject to obligations imposed on it by the Commonwealth.

To ensure that OZ Minerals complies with its Woomera obligations the Contractor shall conduct itself in a manner that will not cause OZ Minerals to breach its Woomera obligations as set out in this Schedule.

Non-compliance with any of the obligations set out in this Schedule may lead to termination of this Agreement and / or exclusion from the Prominent Hill site.

2. **Definitions**

For the purpose of this Schedule the following definitions apply:

“Commonwealth” means Commonwealth Department of Defence or any related part or body.

“Contractor Personnel” means any of the Contractor's employees, Sub-contractors (including Sub-contractors Personnel), agents and representatives involved in the performance of the service.

“Notified Period” means the period during which the Notified Restrictions as described under clause (p) will apply.

“Notified Restrictions” means the restrictions that may be notified by OZ Minerals to the Contractor under clause (p).

“Prohibited Area” means certain land occupied and used by Commonwealth at or about Woomera in the State of South Australia, proclaimed as a Prohibited Area pursuant to the Defence Act 1903 and Defence Force Regulations by Declaration published in the Commonwealth of Australia Gazette dated 12 July 1989 and which is operated pursuant to the Defence Forces Regulations.

“Sub-contractor Personnel” means in relation to a Sub-contractor, any of its employees, agents or representatives involved in performance of services.

“Site” means the OZ Minerals Prominent Hill Mining and Exploration area including ancillary access and infrastructure routes.

“Testing Activities” means all testing undertaken within the Prohibited Area for the purposes of testing War Materials.

“War Materials” means goods used for use for defence purposes and includes goods being developed for use for defence purposes or being tested for use, or the use of similar goods, for defence purposes, as defined by the Defence Force Regulations.

3. Contractor Obligations

(a) The Contractor will ensure that all Contractor Personnel proposed to spend 7 days or more in total at the Site will:

- (i) undertake a federal police clearance and proof of identity check before entering the Prominent Hill Site; and,
- (ii) provide to OZ Minerals their full name and addresses: and,
- (iii) consent to the details obtained in clause 3(a)(i) & (ii) to be provided to the Commonwealth.

(b) The Contractor will ensure that all Contractor Personnel proposed to spend less than 7 days in total at the Site will:

- (i) provide OZ Minerals their full names and addresses; and,
- (ii) consent to the details obtained in clause 3(b)(i) to be provided to the Commonwealth.

- (c) The Contractor must ensure that any Contractor Personnel that refuses to provide the consents required by clauses 3(a)(iii) & (b)(ii) will not be brought onto the Site by the Contractor.
- (d) In the event that OZ Minerals requires the Contractor to obtain additional security clearances from the Commonwealth so that the Contractor can perform the services, the Contractor shall provide and additional information as required by the Commonwealth to OZ Minerals to enable OZ Minerals to apply to the Commonwealth for additional security clearances.
- (e) Not less than 21 days before entry to Site the Contractor must provide to OZ Minerals details of all equipment that the Contractor intends to bring onto Site to perform the services including, but not limited, to the following;
 - (i) radio communication, telecommunications or other communications equipment;
 - (ii) electronic equipment that has a capacity to radiate, including transmitters;
 - (iii) explosives;
 - (iv) vehicles with a TARE weight exceeding 30 tonnes.
- (f) The Contractor accepts that OZ Minerals reserves the right to refuse entry, or to place conditions on the right of entry of Contractor Personnel or types of Contractor equipment to the Site, if the Company is advised by the Commonwealth that such refusals or limitations are necessary for the protection of persons, property or official secrets in connection with the Commonwealth carrying out of operations for the testing of War Materials.
- (g) The Contractor and Contractor Personnel must at all times comply with any directions given to OZ Minerals by the Commonwealth concerning the protection of persons, property or official secrets in connection with the carrying out of operations for Testing Activities.
- (h) The Contractor and Contractor Personnel must not enter any portion of the Site or Prohibited Area that is marked with the sign "CLOSED PLACE" or over which a guard is mounted or which is enclosed by wire or by any other means unless duly authorised in writing by OZ Minerals.
- (i) The Contractor and Contractor Personnel must not intentionally remove, touch, interfere or tamper with any Commonwealth equipment, materials or installations

situated on the Site including any War Material, unless duly authorised in writing by OZ Minerals.

- (j) The Contractor and Contractor Personnel must notify OZ Minerals immediately of the location of any goods identified by the Contractor or Contractor Personnel as War Materials and found within the Site.
- (k) The Contractor and Contractor Personnel must not carry or discharge any firearms on the Site unless duly authorised in writing by OZ Minerals.

The Contractor must ensure that Contractor Personnel have in their possession at all times whilst on the Site the authority or authorities (if any) issued to them authorising

- (l) them to enter and be and remain on the Site and shall produce such authority or authorities as and when required to do so by OZ Minerals and/or the Commonwealth.
- (m) The Contractor must ensure that Contractor Personnel do not part with the possession of any authority or authorities mentioned in clause 3(l) and shall immediately deliver-up to OZ Minerals any such authority or authorities on the suspension or termination for whatever reason of this Agreement.
- (n) In the event of loss of any authority or authorities referred to in clause 3(l) the Contractor must ensure that Contractor Personnel immediately report such loss to OZ Minerals and furnish to OZ Minerals a full written explanation of how such loss occurred and any other details that may be reasonably required by OZ Minerals.
- (o) The Contractor must ensure that Contractor Personnel if requested by OZ Minerals carry communications equipment that is consistent with the Defence Centre, Woomera communications network and ensure that all Contractor Personnel maintain scheduled contact as required by the Commonwealth.
- (p) The Contractor must comply with any or all of the following Notified Restrictions during any Notified Period as notified by OZ Minerals;
 - (i) adhere to any limits place on movement within the Site or remain within a specified area of the Site;
 - (ii) evacuate the Site;
 - (iii) move into shelters within the Site;
 - (iv) cease all electronic communications and emissions;
 - (v) observe radio silence.

- (q) The Contractor shall not disclose to any person or body any information relating to any equipment, materials or installation, owned by, or under the control of, the Commonwealth or any foreign government without the prior written approval of OZ Minerals.
- (r) The Contractor may make sketches, plans, photographs, models or notes of any fencing, telegraph poles, telephone poles, wires, roads and tracks for the purposes of performing the services but shall not, without the prior written approval of OZ Minerals, make them for any other purpose, especially regarding any article, building, document or material belonging to the Commonwealth or its contractors or agents.
- (s) OZ Minerals (in its discretion) may require that the Contractor ensures that any Contractor Personnel who has failed to meet the requirements of this Schedule must remove themselves from the Site immediately. The expense associated with the removal of any Contractor Personnel from Site shall be to the account of the Contractor.
- (t) The Company reserve the right to add, edit and/or delete any of the conditions imposed on Contractors under this Contract as either directed by the Department of Defence and/or as deemed necessary by the Company to comply with the Woomera Prohibited Area Deed.

4.2 HSE and HR Requirements

(a) Mandatory Requirements

The attached list of “Mandatory requirements for Contractor access to Prominent Hill Operations” details the documents with which the Contractor must comply to carry out work at the Prominent Hill Site. Copies of these documents have been provided to the Contractor in electronic form and, by this reference, form part of this Agreement.

Without limiting any other clause in this Agreement, the Contractor must, as a minimum, comply with relevant environmental and occupational health and safety Legislative Requirements and Company Policies and Procedures which are in any way applicable to the performance of the Contractor’s obligations under this Agreement which OZ Minerals may change from time to time.

Short term (1-2 days) Site visits for meetings or information gathering are permitted provided the visitor completes a Prominent Hill Visitors Induction, is accompanied at all times by an approved OZ Minerals representative and the HSE requirements, particularly with regard to PPE are followed at all times.

(b) Personal Protective Equipment

The Contractor shall provide, and ensure Contractor Personnel wear, the appropriate safety apparel, Personal Protective Equipment (PPE) and other safety equipment required by Site and OZ Minerals standards and SOPs. These items shall be in good repair and working order.

Minimum Site PPE requirements include:

As a minimum the Contractor shall comply with OZ Minerals, including but not necessarily limited to:

- i. Hi-visibility long sleeve shirts and trousers;
- ii. Lace up ankle high safety boots;
- iii. Safety glasses;
- iv. Hardhats;
- v. Gloves
- vi. Respiratory protectors minimum;
- vii. Hearing protectors.

(c) OZ Minerals Sustainability Standards

The OZ Minerals sustainability standards are a comprehensive set of standards for the management of Safety, Health, Environmental and Social (SHEC) aspects of conducting business at Prominent Hill. Where the Contractor does not have SHEC standards that are aligned with the OZ Minerals sustainability standards, then the Contractor shall either develop SHEC standards that adhere with the OZ Minerals sustainability standards or adopt the OZ Minerals Sustainability Standards. The Standards are divided into four areas being:

- Safety and Health Standards
- Environment Standards
- Social Standards
- Integrated Management System

Copies of the OZ Minerals Sustainability Standards have been provided to the Contractor in electronic form and by reference, form part of this Agreement.

4.3 Mandatory Requirements for Contractor Access to Prominent Hill Operations

SAFETY

Site Induction
Traffic Management Plan
Remote Travel & Working Alone
Hazardous Substances Management
Heat Stress Management

Working at Heights
Lightning Safety
Fire Protection and Prevention

HEALTH

Pre-employment Medical
Pre Placement Health Assessments
Drug & Alcohol Management
Fatigue Management
Physical & Psychological Impairment Management
Prescription Safety Glasses
PPE – Site

ENVIRONMENT

Combustion Emissions

GENERAL

AFP Application Form
OZ Minerals Continuous Disclosure Policy
OZ Minerals Information Systems Usage Policy
OZ Minerals Code of Conduct
OZ Minerals Whistle Blower Policy
OZ Minerals Securities Trading Policy

EXTERNAL RELATIONS

Management of Heritage Sites
Pastoral Engagement Procedure
Woomera Access Agreement

Schedule 4 – Price

CONTRACT NO. PRH-CON-122A

SCHEDULE OF RATES

OZ Minerals will pay the Contractor for the Services in accordance with the Payment Schedule below. The below rates are fixed for at least 12 months from the Commencement Date.

Payment Schedule

Item	Service	Unit	Unit Rate
1.0	Asset Management Plan	Per	
2.0	Personnel		
2.1	Electrician	Hour	
2.2	Fire Technician	Hour	
2.3	Sprinkler Fitter	Hour	

NOTES:

Item 1 – Means preparation and submission of Asset Management Plan as per Scope of Work Section 6.2

Item 2 – Means all personnel (and their hourly rates) that will be working on the contract.

Price Variation Process

To be confirmed with Contractor upon the commencement of the Agreement.

Schedule 6 – Supply Timetable

Refer Schedule 1.

Schedule 7 – Invoice Instructions

To ensure timely processing and approval of invoices:

- All invoices must quote a valid OZ Minerals Purchase Order number.
- Invoices shall include all costs broken down as per the schedule of rates.
- Invoices must to be submitted in the first instance, for processing and receipting, to the OZ Minerals Representative and then to the Accounts Payable department as per the email address below.

APHelp@ozminerals.com

Schedule 8 – KPI Performance

To be agreed with the Contractor upon commencement of the Agreement

**ATTACHMENT 1 - OZ MINERALS SAFETY & HEALTH
MANAGEMENT PLAN - PROMINENT HILL**

**ATTACHMENT 2 – MINISTERS SPECIFICATION SA 76 –
MAINTENANCE OF ESSENTIAL SAFETY PROVISIONS 2015
EDITION**

ATTACHMENT 3 – PROMINENT HILL FIRE EQUIPMENT LIST

ATTACHMENT 4 – MINE SITE HYDRANT LOCATIONS

ATTACHMENT 5 – VILLAGE HYDRANT LOCATIONS

ATTACHMENT 6 – FIRE PROTECTION AND DETECTION SYSTEMS DESCRIPTION

ATTACHMENT 7 – VESDA STATION EXAMPLE

**ATTACHMENT 8 – OZ MINERALS TRAFFIC MANAGEMENT
PROCEDURE – PROMINENT HILL (v2 - 6.1.1PRO009)**

**ATTACHMENT 9 - OZ MINERALS ELECTRICAL SAFETY MANUAL
PH-MTC-MAN-0001**