

SAFE PATHWAYS LIGHTING & CCTV UPGRADE

INFRASTRUCTURE & ASSET MANAGEMENT – BMA ENGINEERING

EUREKA CREEK VILLAGE, MORANBAH, QLD

PROJECT NAME:

Eureka Creek Village Safety Improvements

LOCATION:

Eureka Creek Village, Goonyella Road, Moranbah, Qld 4744

CLIENT:

BMA Coal Operations Pty Ltd

CONTRACT TYPE:

Design and Construct

CONTRACT VALUE:

Approximately AUD\$ 1 000,000.00

CONSTRUCTION PERIOD:

September 2020 – February 2021



NRG provided a lighting design on pre-determined safe pathways that complies with relevant standards to ensure minimum required illuminance on pathways and sufficient illuminance for the CCTV camera system to be effective. NRG was assisted by Versalux with the lighting design to pre-approved light fittings.

The security CCTV system design is based on a wireless unlicensed 5GHz local area network (LAN) and includes radio signal equipment (i.e., 5GHz antennas, bridges etc.), network video recorders, UPS backup etc. NRG was assisted by CommsCentre Business Technology with the security CCTV system design to pre-approved IP Cameras.

The CCTV system design also included additional capacity to incorporate cameras to be installed within services facilities i.e., Kitchen/messing, laundries, gymnasium etc. The system also meets all BMA required secure access requirements to ensure it is within Privacy Act.

BENEFITS:

Eureka Creek Village safety improvements is implemented to discourage any unlawful activity and to provide Village the capability to follow up on any complaints made of bad behaviour.

SUMMARY:

Eureka Creek Village (ECV) is an accommodation facility capable of housing around 1200 people in single occupant rooms, including ensuites. There are also the services facilities typical of this style of accommodation; kitchen/messing, laundries, gymnasium, car parks and administrative offices.

NRG assisted BMA in their undertaking to upgrade the ECV safety and security, whereby the pathways around the Village will have the lighting and security CCTV enhanced to meet current industry standards.

NRG works associated with the design and installation which included the removal of existing fittings where applicable, assembly, cabling, terminations, testing and commissioning etc.

ENQUIRIES:



12 Cassam Street, Yeppoon, Qld 4703

P.O. Box 1270, Yeppoon, Qld 4703

Phone: (07) 4939 2000

Email: admin@nrgindustrial.com.au

Web: www.nrgindustrial.com.au