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APPOINTMENT OF A SUITABLY QUALIFIED SERVICE PROVIDER TO SERVICE AND REGAS FIVE (5) WALL-MOUNTED SPLIT UNITS AIR CONDITIONERS AT THE MINING QUALIFICATIONS AUTHORITY REGIONAL OFFICE LOCATED AT GOLDFIELDS COLLEGE: WELKOM CAMPUS.

PROJECT DESCRIPTION

The appointed service provider shall undertake the servicing and re-gassing of five (5) **Carrier wall-mounted split unit air conditioners** located at Goldfields College: Welkom Campus, Toronto Rd &, Petrus Bosch St, Welkom Central, Welkom, 9459. The objective is to ensure the units operate at optimal efficiency and comply with occupational health and comfort standard.

EQUIPMENT TO BE SERVICED

Quantity	Type	Brand	Capacity (Estimated)
5	Wall-Mounted Split Unit	Carrier	9000–24000 BTU

SCOPE OF WORK

1. **Servicing**

- Clean indoor filters, evaporator coil, and air louvers.
- Clean and flush the condensate drain line.
- Wash and inspect the outdoor condenser coil.
- Check and clean the fan blades.
- Tighten loose bolts, electrical terminals, and components.

2. **Re-gassing**

- Pressure test the system for leaks.
- Vacuum the system to remove air and moisture.
- Recharge with the appropriate refrigerant gas.
- Check for correct operating pressures and performance after gassing.

DELIVERABLES

- Completed service report for each unit.
- Leak test and gas top-up verification.
- Recommendation report (if any faults or future repairs are needed)

All work must comply with relevant SANS standards, OHS Act, and environmental regulations for refrigerant handling.

Mandatory requirement: the service provider must be registered with CIDB (Construction Industry Development Board) at Grade 1 ME (Mechanical Engineering Works) or higher.