



**Power Producers & Distributors**  
INCORPORATED

**Invitation to Tender**

Power Producers & Distributors Inc. invites suitably qualified contractors for the following job:

**Scope Statement**

This scope describes the work required for the removal of sixteen (16) old radiators and installation of sixteen (16) new radiators at DP1 located at Garden of Eden, East Bank Demerara, Guyana.

**SCOPE OF WORK**

**Civil Engineering Works**

Contractor is entitled to provide qualified manpower with proper tools, materials, and equipment to perform following works:

- Clear area for civil engineering works (e.g remove catwalks)
- Excavate area for the extension of the concrete base.
- Cast base to standard.
- Remove concrete column supports from legs.
- Install new catwalks.
- Install fixed vertical steel ladders with cage.
- Install safety rails around radiators.

**Electrical Engineering Works**

Contractor is entitled to provide qualified manpower with proper tools, materials, and equipment to perform following works:

- Disconnect all electrical components and cables.
- Supply and install new terminal boxes.
- Supply and install cables from terminal boxes to radiator fan motors.
- Extend cable ladders.

**Mechanical Engineering Works**

- Assemble new radiators.
- Supply and install pipelines for integrated washing system.
- Disconnect all HT and LT pipelines.

- Remove old radiators and anchor new radiators.
- Extend HT and LT pipelines to fit new radiators.
- Reconnect all HT and LT pipelines.

## **PIPELINES**

Contractor is entitled to provide qualified manpower with proper tools, materials, and equipment to perform following works:

- a) Installation of pipe support. Some of the supports are installed and minor adjustment works are required.
- b) Clean all weld seams.
- c) Apply proper coating and painting on all weld seams of the pipeline.
- d) Touch up painting on the pipeline.

## **Testing and Commissioning**

- Contractors sufficient support during mechanical and electrical commissioning tests
- Mechanical and electrical skilled teams
- Construction tools and machines available.

## **Site Clean Up**

- The contractor shall appoint clean up services to generally have a good housekeeping during the mobilization, erection, and commissioning of the radiators.

## **Safety Measures**

- Contractor to ensure that employees follow all safety protocols, emergency protocols and provide personal protective equipment (PPE).
- Provide safety training.

## **Environmental Considerations**

- Contractor to follow all environmental regulations for waste management and disposal.

**Interested persons are kindly asked to make contact with (+592) 227-0982, (+592) 680-1272 or (+592) 6840756 Power Producers & Distributors Inc., Mudlot, Water Street, Kingston, Georgetown OR Email to [ethan.narayan@ppdinc.co](mailto:ethan.narayan@ppdinc.co) or [daniel.cummings@ppdinc.co](mailto:daniel.cummings@ppdinc.co) to schedule a site visit and inspection to quote no later than July 10<sup>th</sup>, 2024.**