



## **Scope of Work and Services- Civil Work ANFO Building Renovation & Additional Tuff Paver Work**

### **Preamble:**

Biafo Industries Limited (BIL), a leading name in the industrial sector, intends to engage experienced and reputable Engineering Contractor(s) for the execution of civil works at its manufacturing facility located in Hattar Industrial Estate, Phase 3, District Haripur, Khyber Pakhtunkhwa (KPK).

The scope of the project includes a wide range of civil engineering services such as structural repairs, flooring, fencing, drainage construction, roofing, external rehabilitation, and associated infrastructure development. The Contractor will be required to undertake all necessary procurement, transportation, renovation, and installation works in accordance with the BOQ's, industry best practices, and BIL's internal engineering and safety standards.

This document outlines the general scope of work and services intended to provide potential bidders with a clear understanding of the expectations and requirements for successful project execution.:

### **A. Scope of Work and Services (ANFO Building Renovation & Additional Tuff Paver Work)**

Ensure the structural integrity and safety of the ANFO magazine. Improve the overall appearance and functionality of the facility. Provide a safe and healthy working environment. Additional Work, install turf pavers in designated areas to enhance aesthetics and functionality.

#### **1. Wall Repairs**

- Inspect all interior and exterior walls for structural cracks, chips, and other damages.
- Repair cracks and damaged areas to restore structural integrity.
- Ensure the repaired walls are finished and painted to match existing surfaces.

#### **2. Floor Maintenance**

- Clean and prepare existing floor surfaces.
- Repair damaged sections using concrete mix ratio 1:2:4 as per engineering standards.
- Refinish floors to ensure a smooth, safe, and visually acceptable surface, free from tripping hazards.

#### **3. Roof Repairs**

- Conduct a thorough inspection of the roofing system.
- Identify and repair any leaks, broken sections, or weaknesses to prevent water ingress.
- Ensure proper waterproofing measures are applied to maintain long-term durability

#### **4. Outer Area Rehabilitation**

- Clean debris and unwanted vegetation from surrounding outer areas.
- Repair surface damages and carry out necessary civil works to improve usability.
- Perform basic landscaping to enhance appearance and ensure safety of walkways and open spaces

#### **5. Staircase Repairs**

- Clean debris and unwanted vegetation from surrounding outer areas.
- Repair surface damages and carry out necessary civil works to improve usability.



- Perform basic landscaping to enhance appearance and ensure safety of walkways and open spaces.

**6. Additional Works**

- Tuff Paver Installation: Supply and install 80 mm thick tuff pavers at the entrance of the ANFO magazine area, ensuring proper compaction and alignment
- Side Drain Construction: Construct side drainage channels to manage rainwater and prevent water accumulation in the vicinity.

**7. Fabrication & Installation of Entrance Gate:**

- Design, fabricate, and install a robust entrance gate for the ANFO magazine, ensuring secure and smooth operation, including all associated civil and steelworks.

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