



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

1

**DEPARTMENT OF
EDUCATION**

Confidential

Ref Number : 5/1/4

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Date : 27 November 2018

The Regional Director

The Mvula Trust

LIMPOPO REGIONAL OFFICE

Office no 06 Rhodesdrift Office Park

Bendor Extension 30

Polokwane

0700

For Attention: Madidimalo Chaamano

**APPROVAL OF TYPE OF FENCING AND CORRESPONDING SPECIFICATIONS
FOR FENCING PROJECTS IN ADDENDUM 13 ANY OTHER FENCING
PROJECT(S) YOU MAY BE REQUESTED TO IMPLEMENT IN FUTURE AT
LIMPOPO SCHOOLS**

1. The caption above captures the essence of the contents of this communique'.
2. We are in receipt of your correspondence, dated the 05th November 2017, Reference Number: TMT-LPDE-1617-Add 13, in which you requested that the Limpopo Department of Education (LDOE) grants you approval to use Steel Palisade Fencing for the remaining twenty six (26) schools out of the original

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Tel: 015 290 7600, Fax 015 297 6920/4220/4494

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HOD Approval Palisade Fencing and Specifications The Mvula Trust

thirty four (34) school fencing projects allocated to The Mvula Trust by LDoE in 2016/17 financial year.

3. The LDoE hereby grants The Mvula Trust and any other Implementing Agent, implementing Infrastructure projects for and on behalf of the LDoE, in so far as provision of school fencing is concerned, to use Steel Palisade Fence.
4. Implementing Agents should ensure that the specifications of the Steel Palisade fence at all schools should be as indicated hereunder without fail:

STEEL PALISADE FENCE AND ACCESORIES SPECIFICATIONS

1. Panels: 1.8 x 3m

2. Fence bearers:

- 40 x 40 x 2mm angle iron. These are to be placed 300mm from top of paling and 300mm from bottom of paling. (350mm from ground level).
- These are to be welded flash with the back of the post

3. Palings "Devil fork"

- 21 palings per panel
- 30 x 30 x 2mm steel angle iron paling 1.8m high.
- Palings to be inserted and firmly welded to the bearers at 133mm centre to centre.
- Top of the paling to provide a "Devil Fork" effect and the bottom will have a dove tail.

4. Posts:

- 76 x 76 x 2 mm steel square tubing with closing pyramid caps on top.
- Post must 2.4m high and 600mm will planted into concrete footing to engineer's design

5. Palisade Gates

5.1. Sliding Gate:

- 5/4 m wide x 1.8 m high. 40 x 40 x 2 mm angle iron palings welded to a 76 x 38x 2mm rectangular tubing bearer frame.

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- Palings to be placed at 133 mm apart from each other centre to centre
- Gate to be provided with 2 x 80mm roller coaster wheels fitted with ball bearing. These are to be fitted 500mm from edge of the gates.
- Gate to be provide with proper closing and guidance mechanism.
- Track is to be 12 mm steel rod welded to a 40 x 40 x 5mm angle iron fixed into a 300 wide x 400 thick x 5m length of the gate (track concrete to engineer's design).
- Gate Post: 75mm x 75mm 2mm steel square tubing post is to be provided on each side of gate opening with closing pyramid caps on top.
- Post to be founded in a concrete footing 450 x 450 x 600 deep. Concrete strength to be 20Mpa (minimum) at 28 days.

5.2. Pedestrian gate:

- 1.5 m wide x 1.8 m high. 40 x 40 x 2 mm angle iron palings welded to a minimum 50 x 25 x 1.6mm rectangular tubing bearer frame.
- Palings to be placed at 133 mm apart from each other centre to centre

6. Painting

- All joints must be smoothed off.
- All Flux, rust, grease and loose material to be removed before painting.
- Apply one coat primer for steel (red oxide), apply one coat universal undercoat for all surfaces, apply one coat Gloss enamel. The colour of the Gloss enamel paint shall be Traffic Green unless directed otherwise by the Limpopo Department of Education (not school)
- No brush painting

5. Kind Regards



Date

06/12/18

Me NB Mutheiwana

Superintendent General

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