

ESTIMATES COMMITTEE

Question Taken on Notice

Date: 17 June 2019

Subject: Ludmilla Primary School – cost of fans

From: Member for Nelson

To: Minister for Education

Agency: Department of Education

Number: 7.7

Question: Minister, could you tell us how much the individual fans cost in the new, upgraded Ludmilla Primary School?

Answer:

Fans installed at Ludmilla Primary School cost approximately \$1000.00 per fan.

The fans have high efficiency Direct Current (DC) motors with digital inverter drive, offering energy and cost savings during operation. The cost is similar to other DC fans on the market.

The fans were selected by the architects based on their assessment of fan options available. Considerations included the noise generated by the fans, noting that background noise from fans contribute to classroom acoustics and learning outcomes.

The fans produce 35 dba at maximum speed and have a 1.3 metre sweep. The fan blade design provides high volumes of low velocity airflow at significantly lower speed than traditional ceiling fans resulting in high levels of cooling without disturbing papers on student desks.

While lower cost fans are available, the quality of the selected fans will offer longer life and subsequently reduce ongoing maintenance and replacement costs to schools. These fans have also been specified on previous projects at Taminmin College and Darwin High School.