

Al-Khwarizmi Simple Data
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QUOTE

Bill To
NSW Department of Education
ABN: 40300173822
1 Oxford St
Surry Hills NSW 2010

Invoice Number 320
Date 23/02/2025

Description	Meters	Unit price	Amount
Data Cabling using Pre Existing Walkways	238	\$45.00	\$10,710.00
Subtotal			\$10,710.00
GST			\$1,071.00
Total			\$11,781.00

Dear Customer,

With your requests of using the pre existing walkways for the cables we can quote each meter will cost \$45, additionally using a minimum spanning tree, we can get you the lowest cost of cable due to us using the path with the least weight, this is achieved by using Prim's Algorithm, in this algorithm it can find the minimum spanning tree by picking a node and selecting the edge with the lowest weight, this is repeated untill there is a forest or minimum spanning tree of nodes and edges. if you have any questions please look at the constuction plan attached to this document and the calculation below.

If you are not satisfied please give us a call so we can give you a quote to your liking.