Kruskal's Cabling

ABN: 1875268790

24 Pitt Street

Sydney NSW 2000

04987654321

kruskal@kruskalcabling.com.au

QUOTE

Bill To   NSW Department of Education

ABN: 40300173822

1 Oxford St

Surry Hills NSW 2010

Invoice Number   2913

Date   23/02/2025

Description	Meters	Unit price	Amount
Math More High School Copper Data Cabling via Trenches	190	$55.00	$10,450.00
		Subtotal	$10,450.00
		GST	$1,045.00
		Total	$11,495.00

Dear Customer,

Thank you for providing your building schematics as this has enables us to find the optimal cost per meter ratio. We have used this to create a plan for the data cables to go into 4m deep trenches below ground. Our site planners and engineers have used a new network algorithm called Kruskal's Algorithm deveeloped by them. Firstly we drew new edges for each of the nodes and then we made new edge conntection to multiple neighboring nodes, then we used the Kruskal Algorithm which finds the minimum spanning tree of a network by sorting all edges by their weight and adding them to make sure there are no cycles, this algorithm is useful as to provide the minimal amount of edges in a network. The following constuction plan is located in this document below, feel free to check them out and report us if you notice anything that needs changing or fixing