
Telco Corp. Expansion Project

Project Summary

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Orange Technologies is hired by Tele Corp. to furnish a portion of their old warehouse and remodel it such that it has all the resources to accommodate and support the employee transferred as a result of the acquisition of Adirondack Telephone by Tele Corp. The expansion project activities are to start on September 28th, 2020 and are expected to be completed before April 5th, 2021.

According to project schedule and resource sheet developed in MS Project, the expansion project requires 299.5 hours to be completed and it indicates that the labor costs and equipment costs add up to \$73,968.02. According to the Excel sheet generated for cross-checking the labor and material costs, the total cost for labor and material is \$74,822.75.

Following table summarizes the variance in the results generated by MS Project and MS Excel.

Result	MS Project	MS Excel	Difference
Work Hours	299.5 hours	299.5 hours	0
Labor & Material Costs	\$73,968.02	\$74,822.75	\$854.73

The variance in the costs is a result of using average of employees' hourly wage (\$54.50) to calculate labor cost in MS Excel instead of using salaries of employees assigned to the tasks, respectively.

The results of MS Excel and MS Project are approximately consistent, thereby ensuring correctness of MS Project File.