

DI04006021: Estimation & Costing

Lecture 40: Lead, Lift, Overhead Charges & Profit

Slide Creator

Definitions

- **Lead:** The horizontal distance for transport of earth or materials from the source to the site of work. Standard lead is generally 30 m.
- **Lift:** The vertical distance through which excavated soil or materials are lifted. Standard lift is generally 1.5 m.

Extra lead and lift charges are added to the rate if the actual distances exceed the standard values.

Overhead Charges

Overhead charges are indirect costs not directly attributable to a specific item of work.

- **General Overheads:** Establishment, office rent, stationery, telephone, travel (approx. 2.5% to 5%).
- **Job Overheads:** Supervision, amenities for labor, temporary structures, safety measures at a specific site.

Water Charges and Contractor's Profit

Component	Standard Percentage
Water Charges	1% to 1.5% of total cost
Contractor's Profit	10% of total cost

Table: Standard Additions in Rate Analysis

Note: Contractor's profit is calculated on the total cost of materials and labor (including lead and lift).