Intelligent Cost Estimator

Intelligent Cost Estimator (ICE) was exclusively developed for cost estimation purposes based on local design standards and specifications as well as unit cost information, ICE Software offers users the flexibility to either use an existing CAD files or simply use the established template to effectively perform the quantity take-off of all pay items and provide the project cost estimates that reflect the local market conditions. Additionally, with just one click, ICE Software can automatically generate customized bid proposal and summary reports. This function not only streamlines the process and saves tremendous amount of time for manual inputting and formatting, but also ensures consistency and eliminates potential human errors through a highly automated process. Furthermore, with the same or higher level of automation, ICE Software enables users to check whether the design files are in compliance with the standards and specifications that are required for the project at hand. ICE Software can also be used for quick and rough estimates for funding programming or preliminary planning purposes. In such cases, users do not have to predetermine specific standards, which saves a significant amount of time and effort yet produces the cost estimates with an acceptable level of accuracy.

Main Features

✓ **Easy Data Input** – Users can select either an existing CAD file or a built-in template, and use the easy-to-follow modules to complete the cost estimation task. with little to none manual input.

✓ **User-Friendly Design** - The software is a very intuitive and easy to master even for infrequent users.

✓ **Concise and Efficient** - Quantity take-off and cost estimation are completed in an efficient and highly automated fashion.

✓ **Automatic Data Update** - The database is expanded and updated automatically every time when new information is entered, which not only keeps the information current but also ensures consistency and saves time for all future uses.

✓ **Fully Integrated with CAD Platforms** - AutoCAD and MicroStation files can be used concurrently throughout a project specific cost estimation process.

✓ **Effortless Reporting** - With just one click, an accurate and customized report can be automatically generated and easily updated to reflect the most recent changes in either unit costs or standards and specifications.

✓ **Flexible and Accurate** - All criteria for quantity take-off and cost estimation can be set flexibly and tailored to satisfy user's specific needs or preferences. Any changes made throughout the process are automatically updated whenever design files are modified.

✓ **Quality and Consistency** – The smart framework and built-in templates not only save users' time and effort, but also ensure quality and consistency of the final products of the cost estimation process.