ConEst
Software Systems

Estimating & Construction Management Software
for Electrical, Low Voltage & Data Cabling Contractors
ConEst®
Software Systems

Products Catalog

Take control of your business with ConEst IntelliBid and our PowerSuite of dynamic, timesaving software tools for total management of your company’s estimating, project management, design build and billing needs. Full integration of each program enables seamless data transfer, saving hours of redundant data entry. Each program is designed to run independently of the suite so you can start with one and add solutions as your estimating and project management needs and your business grow!

ESTIMATING

Electrical and Data contractors have four timesaving estimating tools to choose from – IntelliBid Lite, Plus, Pro & Design Build............................................ 3-11
Estimating and design tools for Low Voltage and Data Cabling............ 12-13

BID MANAGEMENT

Manage your bids, forecast your bidding success and optimize your estimating with ConEst’s premier bid management software, BidTrac ...................... 16-17

PROJECT MANAGEMENT

Manage your projects and increase your profits with ConEst’s project management software, JobTrac................................................................. 18-19

TIME & MATERIAL BILLING

Create work orders and accurate invoices with ConEst’s complete time and material billing management software, T&M Billing Manager.................. 20-21

ELECTRICAL FORMULAS

Calculate series voltage drop, fault current, load and motor calculations, conduit fill, box fill and more with ConEst Electrical Formulas....................... 22

PERMIT FEES

Permit fee applications are easy with user definable templates by city or state that autofill and update your estimates instantly with Permit Trac................. 22

Use any of ConEst’s dynamic, timesaving software tools as stand alone programs or integrated for a total estimating, project management, design build and billing solution

One source. One solution.
Smart Estimating
Starts with IntelliBid™

The Estimator’s Choice

IntelliBid provides all the technology tools you need to generate accurate, consistent, winning bids! Electrical and data cabling contractors have four estimating and design solutions to choose from – IntelliBid Lite, Plus, Pro and Design Build.

Each level of IntelliBid comes with an industry-smart database of over 100,000 electrical, low voltage and structured cabling material items with more than 50,000 prebuilt assemblies and over 500,000 prebuilt assembly options.

**Solutions That Grow With Your Business**

The Lite program is at the core of each level of IntelliBid, providing full-scale estimating for any type or size of electrical or data project...right out of the box! Advanced takeoff features that are included in the Plus, Pro and Design Build levels of IntelliBid can be individually added to the Lite program as your business and estimating needs grow.

**Customize Your Database**

Use IntelliBid’s industry-smart database, or add material items and assemblies specific to your business and type of construction. The database is expandable to nearly one million items!

**Online Material Pricing**

Update your material prices instantly through the Internet. With the click of a button, you can update your bids and database with your prices from your supply house. (NetPricer™ subscription required, sold separately. Available through NetPricer participating vendors.)

**Built-in Training Videos**

Learning software has never been easier! Each level of IntelliBid comes with built-in training videos for easy learning and quick reference.

You’ll estimate with confidence when you estimate with IntelliBid!

1-800-662-7687  the smart choice for today’s professional estimator!  www.conest.com
Consistent winning bids

**Easy Takeoff**

All the estimating tools you need are found on one, easy-to-navigate takeoff screen in IntelliBid. Assembly takeoff streamlines the estimating process with over 50,000 electrical, low voltage and structured cabling assemblies to choose from. Use the program's keyword search function to quickly locate material items! Search the database by item description, manufacturer, manufacturer’s catalog number, stock number or IntelliBid's item number. Use the same dynamic search function to locate items that are already in your takeoff or to search comments that you've added to the estimate's file. With a detailed takeoff screen, you will see your material and labor extensions calculated instantly in real time!

**Estimate with Confidence**

**Alerts for Missing Prices and Labor**

How many times have you run the risk of missing prices or labor in an estimate? It can be pretty risky business unless you have the right tools to help you guard against potentially damaging oversights. IntelliBid delivers those safeguards with alerts that warn the estimator when prices or labor on an item or assembly are missing. A detailed, easy-to-read list of materials and labor in your estimate is clearly displayed on the screen where you can edit missing prices and labor before you go to bid!

**Online Material Pricing Service**

A web-enabled link connects IntelliBid to NetPricer™ Service, an Internet-based material pricing host, where participating supply houses post their material prices. With the click of a button you can connect to your favorite supplier's pricing and update your IntelliBid material database and the bid you are working on with your actual material prices from your favorite suppliers*. Bidding with real-time material pricing allows you to estimate with greater speed, accuracy and confidence!

*Available through NetPricer-participating suppliers

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Automatic Labor Factoring

Another exclusive IntelliBid feature is Automatic Labor Factoring (ALF). With the ALF feature enabled, IntelliBid calculates the labor requirement for multiple installation conditions and applies the correct labor for each material item according to its specific difficulty. For example, when installing fixtures in a room with 8’ ceiling height, the installation of 6 units may take 3.0 hours; but when installing the same 6 fixtures in a room with 18’ ceilings, the installer’s time will increase to 3.3 hours due to the additional 10’ of mounting height. Additionally, if there were 50 fixtures being installed, the labor would be lowered by 15% to 2.8 hrs. Yet the switches to control the fixtures would not be adjusted. ALF eliminates the need to manually factor the labor requirements of each installation for accurate and labor-efficient bids.

For more examples of how the ALF feature adjusts an installation’s labor, refer to the charts on page 24. No other system automatically adjusts labor…..why settle for work-arounds?

Know Your Best Price

The Quotation Analysis and Best Buy features in IntelliBid automatically analyze each of your vendor quotes and prices to select the best quote to carry in your bid for aggressive pricing! View quote breakdowns by material, quotes, equipment and subcontractors.

Job Spec

Entering specifications for your job allows for faster takeoff. You can also save your specifications as the default for all future jobs.

Job Settings - Set material and labor factors, installation sizes, and scaler settings by phase or for the entire job. For example, you set a higher labor factor on phases that represent upper floors and save the setting to apply to all future jobs.

Assembly Groups - Preselecting assembly group options reduces takeoff time. For example, you can preselect the specified conduit fittings (compression, set-screw, etc.), and IntelliBid will include those fittings automatically when you take off your runs, without prompting you to select them each time.

Takeoff Prompts - Entering takeoff values before you start the estimate cuts down on redundant data entry. For example, if all the fixtures are to be installed at the same mounting height, you can set that value in advance so you don’t have to type it in for every fixture you take off.

Job Cost Management

User-definable Job Cost Codes can be exported to major accounting programs, letting you easily set up job budgets without re-entering all your bid data. Transfer cost code budget information or changes in an estimate to ConEst JobTrac or to job cost modules in your accounting program using bid data from IntelliBid for integrated estimating, accounting and job costing.

Key Features

- 100,000 industry-smart materials database
- 50,000 prebuilt electrical and data assemblies
- 500,000 prebuilt assembly options
- Alerts for missing prices on labor and items
- Automatic factoring of labor units
- Job Spec
- Job Cost Codes
- Quotation Analysis
- Fully integrated with ConEst PowerSuite
- Link to NetPricer™ Service
- Link to EPIC”, TRA-SER® & Expert Estimator
- Use your own vendor’s pricing!
- Built-in training videos

"...with built-in training videos, learning software has never been easier..."
Estimating at a whole new level!

**Smart System™ Technology**

Most estimating programs are basic data entry systems designed to sort and filter information entered by the user. **Smart System™** technology in IntelliBid takes that same information and begins calculating and comparing data for accurate labor and material requirements. Built-in NEC tables with automatic adjustments to the labor units for changes in an installation's level of difficulty, a feature exclusive to IntelliBid, mean that your estimates are accurate as well as labor- and cost-efficient.

**Smart Substitution with Built-In NEC Tables**

Imagine converting your branch EMT takeoff to MC cable and getting a complete bill of material with the click of a button! IntelliBid's **Smart Substitution** feature is not just a simple find & replace tool. Smart Substitution will automatically resize conductors according to current NEC tables, will take the inside & outside diameters and compute the 40% fill, and then resize conduits, fittings and supports accordingly for accurate price, labor and material requirements. IntelliBid's database comes preloaded with more than 75 substitution groups that can be edited as required, or you can easily create your own groups.

IntelliBid's unique ability to substitute a complete installation using the program's built-in NEC tables assures accurate, code compliant and precise material requirements with every substitution. Not just find & replace... it's **Smart Substitution**!

**Takeoff Count Sheets**

Part of the estimating process involves counting and measuring material requirements from project drawings. In the past, manual estimating using green takeoff sheets to gather bid data was the norm, and even today some estimators use customized spreadsheets to perform these takeoff functions. ConEst has incorporated this proven industry standard onscreen with IntelliBid's Count Sheets feature. Enter drawing and symbol information with quantities and lengths, or transfer the data seamlessly from SureCount digital plan takeoff software, for instant material requirements that are takeoff-ready. Count Sheets produces a bill of material that is broken down into specific project phases of your choice.

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Advanced Breakout

Easy & Accurate Add/Deduct Unit Pricing
Bid documents require that you provide unit prices for specific installations contained in your estimate. The owner wants these unit prices to be included in the contract and will use these prices for adding or deleting from the contract price when making changes during construction. With IntelliBid’s **Advanced Breakout** feature, the user can easily identify in their estimate the items required in the requested unit price and provide detailed reports of selling prices and real costs. Knowing that installations can vary in difficulty based on the project, the most important feature of Advanced Breakout is that it will calculate precise unit prices to reflect the **real costs** for that project.

- Generate precise add/deduct prices for your breakouts
- Control the add/deduct percentage per job
- Create a quick mini-bid of an installation for comparison analysis

View Items, Assemblies & Jobs

View items and assemblies and digital images of your jobs onscreen during takeoff.

Key Features
- Backbone of IntelliBid Lite
- Smart Substitution with built-in NEC tables
- Takeoff Count Sheets
- Advanced Breakout
- JobVue (JPEG image viewer)
- ItemVue
- AssemblyVue
- Scaler and Digitizer Interfaces
- Fully integrated with PowerSuite
- Link to NetPricer™ Service
- Link to EPIC™, TRA-SER® & Expert Estimator

"...ConEst has the most advanced features and uses the latest technology available. They listen to their customers and respond quickly to implement requests..."
The estimator’s choice!

True Networking

Imagine all your estimators working on the same bid at the same time without having to merge job files! The Network Administrator included in IntelliBid Pro (available as an add-on feature for Lite and Plus) allows multiple users to share job and database files over a local or wide area network environment. With estimators working on the same estimate simultaneously, you’ll be able to generate twice as many bids with greater accuracy and in half the time it takes to estimate the old fashioned way!

With its networking ability, remote access to IntelliBid is easy using Citrix® or PCAnywhere™. With the ability to launch and deploy IntelliBid remotely, you don’t have to go to the office to estimate the job…the office follows you!

True Networking - Users can work simultaneously on the same job without having to merge files!

File Security = Peace of Mind

Multi-user security in IntelliBid lets you set user passwords for controlling access to your valuable database. The Job Manager feature allows you to establish security at the user level on a per job basis. Control who can update pricing, delete jobs or freeze/unfreeze bids. You can relax with the peace of mind of knowing that your jobs and your database are secure with IntelliBid.

1-800-662-7687 the smart choice for today’s professional estimator! www.conest.com
**Temporary Assemblies**

*Create temporary job-specific assemblies on the fly!* Some jobs require material assemblies that are specific to a particular installation type. With the Temporary Assemblies feature in IntelliBid, the estimator can create an assembly specific to any individual installation right in takeoff.

The user can then delete the assembly or add it to the permanent database for use with future bids. Quick, timesaving & efficient... **Temporary Assemblies!**

**Change Orders**

Generating change orders is easy in any level of IntelliBid, but with the Change Order feature you can create an estimate within the original estimate, without having to open and track a separate job.

Link the estimate & change order to ConEst’s project management software, JobTrac, to track your project and changes to the original contract.

“...we have found ourselves bidding increasingly larger projects with greater confidence...”

**Key Features**

- IntelliBid Lite & Plus features
- Temporary Job-Specific Assemblies
- Change Order Feature
- Fully integrated with PowerSuite
- Link to NetPricer™ Service
- Link to EPIC™, TRA-SER® & Expert Estimator
- Network Administrator / Multi-User Support
- Job Security and Password Protection
IntelliBid Design Build

Complete electrical design at your fingertips

With the combined power of Lite, Plus, and Pro, IntelliBid Design Build comes loaded with features for contractors to estimate in the design build arena with confidence. From lighting calculations and electrical formulas to multi-user support, Design Build delivers software solutions that let your estimators tackle any size or type of electrical and structured cabling project with confidence and proven superior performance.

70% of firms surveyed believe that design-build projects are more profitable than “traditional” projects.

80% of all firms surveyed predicted an increase in the use of design-build over the next five years.

Source: Design-Build Institute of America, 2007 (www.dbia.org)

ConEst Software Systems is the first and only construction software solutions provider to address the design-bid-build arena. IntelliBid Design Build incorporates the same built-in Smart System™ technology found in all other levels of IntelliBid, plus the ability to calculate lighting requirements and electrical formulas including load, motor, voltage drop, service and feeder calculations and more. Tackle your design build projects and electrical calculations with confidence using IntelliBid Design Build and ConEst Electrical Formulas.

Electrical Formulas & Lighting Design

Perform electrical calculations and lighting design while simultaneously updating your estimate. Calculate series segment voltage drops, NEC Article 220 Services and Feeders, fault current, load calculations, conduit, box and wireway fill and more! Current NEC tables in the software ensure that your calculations are precise. Use the Zonal Cavity Lighting feature in ConEst Electrical Formulas to calculate lighting levels and lamp types based on room size, ceiling height and wall color.

No need to calculate then estimate – with ConEst Electrical Formulas and IntelliBid Design Build estimating software, you complete the task in one easy step!

“I’ll never need to open the code book again... I love it (ConEst Electrical Formulas)!”

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Digital Takeoff & Onscreen Estimating

Digital takeoff is here! SureCount Symbol Recognition Software (sold separately) gives estimators the ability to view electronic plans and perform takeoffs directly onscreen, significantly increasing takeoff speed and accuracy, virtually eliminating the time-consuming manual task of counting and measuring materials from hard copy plans.

SureCount organizes the material counts and measurements into separate data groups. An exclusive and seamless integration between IntelliBid and SureCount then pulls that data directly into IntelliBid’s Count Sheets feature where the project’s material requirements are ready for final takeoff including a complete bill of material.

Digital takeoff with SureCount combined with IntelliBid’s Smart System Count Sheets feature offers estimators the latest technology tools for generating precise, cost-effective and labor-efficient job estimates with great speed and accuracy.

IntelliBid Design Build gives you complete onscreen electrical estimating and design power right at your fingertips!

Key Features
- Backbone of Lite, Plus & Pro
- Electrical Formulas
- Lighting Design
- Fully integrated with ConEst PowerSuite
- Link to SureCount™
- Link to NetPricer™ Service
- Link to EPIC™, TRA-SER® & Expert Estimator
The data cabling and information transport systems industry has brought new challenges for contractors to keep up with rapidly changing technology. Meet those challenges with confidence when you estimate with IntelliBid using our comprehensive, industry-smart database for all your voice/data/video installations.

The installation accuracy of each cable, patch panel and backbone is critical, and that accuracy begins with designing and estimating the project, long before the installer lays the first cable.

Whether you’re a design professional or contractor, ConEst can provide the estimating, design and project management solutions you need for all your low voltage, network infrastructure designs and installations.

For Contractors | Industry-Smart Estimating Tool
IntelliBid estimating software provides state-of-the-art tools for the contractor to effectively produce timely, consistent estimates. The IntelliBid database provides over 70,000 low voltage and structured cabling products including prebuilt assemblies for all the various subsystems in the network infrastructure. These assemblies provide complete groups of materials for common tasks, saving valuable time compiling the bill of material.

IntelliBid automatically adjusts the labor hours to suit each job condition making the contractor more competitive where possible or adding additional labor when needed. With IntelliBid, you can quickly and easily breakdown the project just as it is being constructed. This provides valuable information that can be used for submitting the proposal and also saves considerable project management time in purchasing materials and scheduling manpower.

For Design Professionals | Industry-Smart Network Design Tool
IntelliBid offers the ITS design professional the ability to produce more timely, cost-effective budgets using the same state-of-the-art tools offered to the contractor. The user can layout their initial network design into specific project tasks. Comprehensive bills of material can be generated for each task for both Inside and Outside network installations.

IntelliBid has the ability to create multiple variations to the design with ease and consistency. A detailed breakdown will help the ITS professional to isolate areas that are over budget and track changes from the initial design throughout the entire construction cycle.

Online Material Pricing
Online material pricing through NetPricer™ Service guarantees accurate, up-to-date pricing of all your low voltage and structured cabling projects. (Available only through NetPricer participating vendors)

Contractor Types
ITS designers for inside and outside plant applications, structured cabling, low-voltage and electrical contractors

Installation Types
Voice • Data • Copper • Fiber • Surveillance • Card Access • CCTV
Fire Alarm • Audio/Video • Nurse Call • Public Access • Building Automation
### INDUSTRY SMART DATABASE
- 125,000 item material database for electrical-data-low voltage-high voltage.
- 50,000 prebuilt assemblies for electrical, data, low voltage & high voltage installations.
- Assemblies with installation degree of difficulty on individual items.
- Links to supplier pricing through NetPricer™ Service.
- Links to price updates through major pricing services.
- Multiple pricing levels - store specific pricing for each vendor.
- Modify database and assemblies with cut, copy and paste.
- 6 job levels of difficulty plus unlimited installation degrees of difficulty.
- Multiple Pricing Levels – store specific pricing for each contractor.

### EASY TAKEOFF
- Cut, copy and paste between job estimates.
- Easy item search in takeoff.
- Takeoff with 4 levels of phase breakdown.
- Takeoff, material, labor and quantity adjustment controls.
- Alerts for missing price and/or labor on items.
- Onscreen editing of takeoff.
- Unlimited phasing.
- Modify assemblies after takeoff.
- Job Cost Codes.
- Search functions.
- Drawing reference numbers.
- Onscreen reference numbers.
- Onscreen calculator function.
- Export bid data quickly and easily to major accounting programs, MS Office & More!
- Seamless integration with ConEst PowerSuite™.
- Multiple Document Interface – Work on more than one bid at the same time!

### SMART SYSTEM™ TECHNOLOGY
- JobSpec for spec-driven takeoff.
- Automatic labor factoring.
- Material vendor best buy analysis.
- Quotation Analysis – Estimate with Confidence.
- Smart Substitution with built-in NEC tables.
- Advanced Breakout.
- Count Sheets.
- AssemblyVue.
- ItemVue.
- J obVue.
- Scaler PC Interface.
- Temporary Job-Specific Assemblies.
- Change Orders.
- Network Administrator.
- Electrical Formulas (available as a stand alone program).
- SureCount Link.
- SureCount Symbol Recognition Software (available as a stand alone program).
- ConEst PermitTrac.

### BEST CUSTOMER SERVICE IN THE INDUSTRY!
- Free start-up training.
- Built-in video training.
- First year upgrades & toll-free support.
You’ve read about IntelliBid™ and how the software is designed with Smart System™ Technology – everything you need for an estimating advantage, right? But wait! There’s even more…

IntelliBid and the PowerSuite of fully integrated bid, project management and billing solutions provide contractors with dynamic, timesaving software tools designed to help them manage information effectively, efficiently and thoroughly.

**BidTrac™**
Optimize Your Bid Management

**JobTrac™**
Total Project Management

**T&M Billing Manager™**
Complete Time and Billing Management

**Electrical Formulas™**
Complete Design Build Solution

**Permit Trac™**
Instant Permit Fee Applications

From smart estimating tools that monitor material installation and labor costs to managing every aspect of the project from contract to finish, the PowerSuite family of products gives you the confidence that your jobs are labor efficient, productivity enhanced and profit generating projects, bid after winning bid!

Proven performance from ConEst software products is giving contractors around the world the estimating and project management advantage they need to compete in the bidding arena with confidence!

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BidTrac™

Optimize your estimating

BidTrac provides all the management tools you need to increase efficiency and profits from your estimates.

BidTrac centrally stores all of your bid data including requests for information (RFIs), proposals and telephone memos. You can also store job specification data for quick reference any time during the estimating process.

Predefined Contractor Pricing
Merge predefined pricing from IntelliBid into one standard template, eliminating the need to create separate proposals for each contractor or bid submittal.

Attach Electronic Files to Each Job
Scan letters and attach electronic files, i.e. JPEG files, Word documents, and Excel files, to each project for complete bid history, documentation and quick reference.

Contact Database
No more searching through pages of notes, scratch paper, business and Rolodex cards. BidTrac keeps address, phone and email information for all your contacts including GC’s, architects, engineers, owners and subcontractors at your fingertips for instant faxing, phoning and emailing.

Broadcast Your Bids
BidTrac eliminates the tedious task of preparing bid documents for each bidding contractor. Broadcast your bid instantly to all bidding parties using the program’s built-in email and fax utilities. A date stamp of each transmission keeps track of when each of bid was submitted!

Detailed Proposals
Use BidTrac’s built-in, user definable templates for accurate, detailed, easy-to-read proposals, letters and memos. Import your company’s logo for a customized, professional proposal that will be noticed on bid day!

When Is that Bid Due?!
Answer the question instantly without having to dig through sheets of job specifications or bid documents. BidTrac’s built-in calendar keeps your bid schedule organized and lets you view bid due dates and events at a glance!

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Tracking historical bid data is a critical element of the estimating process. Knowing your competitors’ order of finish can actually enable you to forecast your opportunity ratio before you begin that next estimate. BidTrac stores historical bid data to give you that competitive edge and helps you predict your probability of success!

“...a great tool that keeps my bids organized. Thank you, ConEst, for knowing what contractors need...”

**Key Features**
- Store contractor proposals
- Print custom proposals
- Broadcast fax and email bids
- Store predefined contractor prices
- Create budget or conceptual estimates
- Track order of finish
- Track historical bid data
- Forecast opportunity ratio
- Fully integrated with IntelliBid and PowerSuite

**Forecast Your Success!**

**Efficiently Manage Your Bids**
**Track and Submit Your Estimates**
**Forecast Your Success**
**Increase Your Profits**
JobTrac gives you full control of your projects by tracking changes to the job’s original contract. Track the status of change orders, alternates, submittals and all correspondence, daily logs and documentation related to each project.

Optimize your project management

Track Changes to Your Jobs With Complete Project Management

On-time and on-budget completion of all your projects is ensured through JobTrac’s contract change order management and communication control system. JobTrac keeps you in full control of your projects by tracking budgeted and completed labor, material, equipment and subcontracts, including all modifications to the original contract. Track change orders, alternates, submittals and all correspondence, daily logs and documentation related to each project. Manage project costs and requests for payment with detailed Requests for Quotes (RFQs), purchase orders, submittals, timecards and Applications for Payment.

Know whose court the ball is in at all times with ConEst’s JobTrac.

Complete Project Management

Full integration with IntelliBid and PowerSuite data tracking software allows for a seamless transfer of project information.

- Schedule & monitor labor and material progress of the full project by task
- Track change orders & contract related documentation, maintaining a record of all contract negotiations
- Receive alerts for expiring change orders
- View status of project events at a glance with built-in calendar
- Generate RFQs for pricing from vendors
- View status of perpetual (reserved & available) inventory materials by quantity & location
- Create & track detailed purchase orders and field/inventory requisitions
- Produce Daily Work Reports to monitor resources, disruptions, accidents, etc.
- Manage your Applications for Payment with flexible Schedule of Values recalculation
- Track expenses incurred against the revenue produced with complete job costing
- Use historical job costing data by job type to create a true labor factoring adjustment % calculation based on your company’s past performance
- Track & store all project related information required by the insurance company to process bonds including the bond amount, project start date, liquidated damages amount & project duration

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**Application for Payment**

Based on AIA billing methods, create your Application for Payment using information stored in JobTrac as well as your project manager’s visual assessment of the job’s progress

- Full edit control of the amounts for material, labor, subcontracts, equipment and DJC by task
- Manage totals out of balance with the negotiated contract amount
- Maintain change order and alternate costing
- Track each task’s current balance, stored amount, retainage and previous payments

**Communication Management**

Use the email and print utilities in the Journal Message Center repository to send RFIs, transmittals and memos.

- Email your change orders, addenda, alternates, submittals, memos and breakout add/deduct quotes instantly
- Send and store messages in PDF format

**Total Project Management**

“...our project managers have the information they need right at their fingertips... JobTrac’s a great timesaver”

**Project Scheduler**

- Schedule and track crews, equipment, material and subcontractors by job task
- Monitor milestones for each job and task
- Track the progress and job cost of each project and task
- Reschedule predecessors automatically
- Monitor slack to utilize lead/lag days more efficiently

**Key Features**

- Fully integrated with IntellIBid
- Labor Factoring adjustment by Job Type
- Daily Work Reports
- Track change orders
- Alerts for expiring change orders
- Project Scheduler
- Daily work reports
- Purchase orders
- Inventory management

**Inventory Management**

- Complete inventory control
- Maintain total visibility of all perpetual inventories - warehouse & at all job sites

- Schedule of Values
- Application for Payment
- Store and track bonding information
- Built-in print and email utilities
T&M Billing Manager is a powerful, easy-to-use billing management tool for scheduling work crews and equipment, generating detailed work orders and processing accurate invoices for all your jobs. Field technicians begin the billing process by filling out the work order to provide office personnel with a checklist of commonly used materials, each with a 5-digit code. Your billing clerk simply fills in the quantity of each item listed to generate accurate, detailed invoices instantly!

Track unbilled work orders and monitor not-to-exceed costs by establishing credit limits for each customer. With seamless integration to IntelliBid and the PowerSuite of software products, T&M Billing Manager completes the bidding and project management process for total cost management, improved cash flow and increased profits!

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Key Features

- Generate detailed work orders
- Track unbilled work orders
- Monitor not-to-exceed costs
- Create accurate invoices
- Dispatch Manager
- Track payments
- Archive and retrieve invoices
- Fully integrated with IntelliBid and PowerSuite

"...at last, a user friendly billing program... being able to import our bid information (from IntelliBid) is great... work orders and invoices are a snap..."

Complete Time and Billing Management
**Electrical Formulas™**

Calculate electrical formulas and lighting designs while updating your estimate simultaneously with ConEst Electrical Formulas.

Calculate series segment voltage drops, NEC Article 220 Services and Feeders, fault current, load calculations, motor calculations, conduit fill, box fill and wireway fill. Current NEC tables in the software ensure that your calculations are precise! Use the Zonal Cavity Lighting function to combine the task of lighting design with the takeoff process. Calculate lighting requirements based on room dimensions and floor and ceiling colors with the built-in Zonal Cavity Lighting feature while completing the estimate simultaneously. No need to calculate, then estimate - with ConEst Electrical Formulas you complete the task in one easy step - the answer for all your design build projects.

Electrical calculations are fast, easy & accurate with ConEst Electrical Formulas!

(ConEst Electrical Formulas is included with IntelliBid Design Build… requires the Count Sheets feature to link with IntelliBid Lite)

**PermitTrac™**

PermitTrac stores an entire permit schedule for any city or state. Enter contact information for the city’s municipal offices, the town inspector and the local utility company using the program’s built-in user definable templates.

The next time you have a job in that location, simply launch the city or state’s template and plug in the quantities—PermitTrac software calculates the fee automatically!

- Link PermitTrac to any level of IntelliBid and transfer the calculated permit fee directly into your estimate.
- Print copies of your permit fee applications for mailing, filing or attaching to your bids.

Permit applications are easy with PermitTrac!
Our Promise To You

ConEst Software Systems is committed to exploring and integrating new technology with software products that are powerful, intuitive and easy to use. This commitment provides our customers and contractors worldwide with the estimating and business management tools they need to compete in the bidding arena with confidence and success.

We are dedicated to continuing our commitment of prompt, professional service for our customers worldwide and to ensuring that the products they use to build their business are designed to exceed their expectations. Customers rely on ConEst to provide software solutions that streamline their estimating and project management for increased productivity and profits on every job!

Multiple decades spent in the electrical industry have taught us valuable lessons about running a contracting business. Perhaps one of the most fundamental of those lessons is this - to achieve maximum efficiency and profits, you need the right tools, both in the field and in the office.

While the term ‘tools’ conjures up images of power drills, pullers and bucket trucks, software has become one of the most important office tools that contractors can have today to successfully run their business. As professional estimators, we have learned that the right software tools can make the difference between an estimate that just wins the job and an estimate that wins the job and increases bottom-line profits and productivity.

Since 1989, ConEst has delivered smart and robust electrical estimating and management software tools that help our customers save time and work smarter while increasing profits and productivity, in the office as well as in the field. The design and power of our products rests on a strong foundation of experience in the electrical industry. Our staff of former electrical estimators and contractors apply their knowledge and experience to develop time-saving features that automate the bidding and project management process while providing the accuracy and simplicity you expect from today’s software technology.

ConEst Software Systems offers smart choices for growing businesses. Together with our customers, we’re Helping the Electrical and Data Industries TAKE OFF!
With our compliments!

Here are a couple of useful labor factoring charts for your estimators to help them calculate accurate labor requirements. The calculations found in these charts are performed automatically with IntelliBid’s Automatic Labor Factoring feature!

### FACTORING LABOR UNITS

#### Labor Unit Make-up

<table>
<thead>
<tr>
<th>Labor Unit Make-up</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actual Installation</td>
<td>69%</td>
</tr>
<tr>
<td>2. Non-Productive</td>
<td>2.5%</td>
</tr>
<tr>
<td>3. Study Plans</td>
<td>2.5%</td>
</tr>
<tr>
<td>4. Material Procurement</td>
<td>2.5%</td>
</tr>
<tr>
<td>5. Receiving &amp; Storage</td>
<td>2.0%</td>
</tr>
<tr>
<td>6. Mobilization</td>
<td>5.0%</td>
</tr>
<tr>
<td>7. Layout</td>
<td>6.0%</td>
</tr>
<tr>
<td>8. Clean-up</td>
<td>2.0%</td>
</tr>
<tr>
<td>9. Punch List</td>
<td>5.0%</td>
</tr>
<tr>
<td>10. Coffee Breaks</td>
<td>3.5%</td>
</tr>
</tbody>
</table>

#### Factor for Building Height

Add 1% to 2% per floor

#### Breakers in the Same Distribution Equipment

<table>
<thead>
<tr>
<th>Breakers in the Same Distribution Equipment</th>
<th>DEDUCT</th>
<th>MULT</th>
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<tbody>
<tr>
<td>3 &gt; 5</td>
<td>10%</td>
<td>.90</td>
</tr>
<tr>
<td>6 &gt; 10</td>
<td>20%</td>
<td>.80</td>
</tr>
<tr>
<td>over 10</td>
<td>25%</td>
<td>.75</td>
</tr>
</tbody>
</table>

#### Fixtures in Same Concentrated Area

<table>
<thead>
<tr>
<th>Fixtures in Same Concentrated Area</th>
<th>DEDUCT</th>
<th>MULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 &gt; 50</td>
<td>15%</td>
<td>.85</td>
</tr>
<tr>
<td>51 &gt; 75</td>
<td>20%</td>
<td>.80</td>
</tr>
<tr>
<td>76 &gt; 100</td>
<td>25%</td>
<td>.75</td>
</tr>
<tr>
<td>over 100</td>
<td>30%</td>
<td>.70</td>
</tr>
</tbody>
</table>

#### Bus Duct in One Area

<table>
<thead>
<tr>
<th>Bus Duct in One Area</th>
<th>DEDUCT</th>
<th>MULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>100’ &gt; 200’</td>
<td>10%</td>
<td>.90</td>
</tr>
<tr>
<td>201’ &gt; 300’</td>
<td>15%</td>
<td>.85</td>
</tr>
<tr>
<td>301’ &gt; 500’</td>
<td>20%</td>
<td>.80</td>
</tr>
<tr>
<td>over 500’</td>
<td>25%</td>
<td>.75</td>
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</tbody>
</table>

#### Parallel Conduit Runs

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>2-cond</td>
<td>10%</td>
<td>.90</td>
</tr>
<tr>
<td>3-cond</td>
<td>15%</td>
<td>.85</td>
</tr>
<tr>
<td>4-cond</td>
<td>20%</td>
<td>.80</td>
</tr>
<tr>
<td>5-cond</td>
<td>25%</td>
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<tr>
<td>over 5-cond</td>
<td>30%</td>
<td>.70</td>
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#### Conductors in a Raceway

<table>
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<tr>
<td>2 &gt; 3</td>
<td>20%</td>
<td>.80</td>
</tr>
<tr>
<td>4 &gt; 5</td>
<td>35%</td>
<td>.65</td>
</tr>
<tr>
<td>6 &gt; 7</td>
<td>45%</td>
<td>.55</td>
</tr>
<tr>
<td>over 7</td>
<td>50%</td>
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Deduct from above Labor

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>over 100 g</td>
<td>10%</td>
<td>.90</td>
</tr>
<tr>
<td>over 200 g</td>
<td>15%</td>
<td>.85</td>
</tr>
<tr>
<td>over 300 g</td>
<td>20%</td>
<td>.80</td>
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</table>

#### Devices, Boxes & Equipment in Same Concentrated Area

<table>
<thead>
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<th>Devices, Boxes &amp; Equipment in Same Concentrated Area</th>
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<th>MULT</th>
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</thead>
<tbody>
<tr>
<td>10 &gt; 25</td>
<td>20%</td>
<td>.80</td>
</tr>
<tr>
<td>26 &gt; 50</td>
<td>25%</td>
<td>.75</td>
</tr>
<tr>
<td>51 &gt; 100</td>
<td>30%</td>
<td>.70</td>
</tr>
<tr>
<td>over 100</td>
<td>35%</td>
<td>.65</td>
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#### Fixtures, Conduit & Equipment Elevations

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<td>10’ &gt; 15’</td>
<td>5%</td>
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<tr>
<td>15’ &gt; 20’</td>
<td>10%</td>
<td>1.10</td>
</tr>
<tr>
<td>21’ &gt; 25’</td>
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<tr>
<td>26’ &gt; 30’</td>
<td>25%</td>
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<tr>
<td>31’ &gt; 35’</td>
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<td>1.30</td>
</tr>
<tr>
<td>36’ &gt; 40’</td>
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<td>1.40</td>
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<tr>
<td>over 40’</td>
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</table>
The Best Service Plan Available

The ConEst Value Added Service Plan is designed to encompass all the services, support, training and quality products that our customers have come to expect from ConEst Software Systems. The Plan ensures that you continue receiving all that ConEst offers by providing the latest product upgrades and prompt, professional support.

The Value Added Service Plan includes
• The latest product upgrades
• Fast, courteous toll-free support
• Live! Online support
• Free email support
• Free support by fax
• Free online training

On the rare occasion that you might have to leave a message for our support staff, your call is returned within 45 minutes, guaranteed!

Available Services
• Database consulting and onsite, custom design
• Custom report design

“Your people are outstanding! I don’t believe anyone else in the business can, or will, match the level of support and sincere effort to help their customers that ConEst folks have demonstrated to us...
“ Mike Melton, Union City GA

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