

Electrical Estimating Professional will Save Time...Guaranteed

The Quick & Easy Way to Estimate Your Next Job...Truly Remarkable!

Make No Mistake!

Electrical estimating is one of the most important jobs to be undertaken, it's a time consuming process that could take days and usually requires experienced personnel to complete...**Until Now!**

You're Entitled to the Answer...

Estimating how long it will take to do the Job has been simplified and made a more precise operation. **All** installation times are worked out for you, now when you select a piece of electrical equipment to install, Electrical Estimator instantly displays the installation times in **Hours** and **Minutes**.

For That Professional Look!

Create professional looking estimates in just minutes with all installation times displayed and it's so easy to use. Add prices or fax off **Your** parts list to Your Electrical suppliers for pricing/ordering. All prices input are stored and retained by the computer.

"Now You can Do it All"

With **over 9,000 items** in its massive database there will not be much you can not do, all times and prices can be changed providing maximum flexibility. Choose what you want **Your** printout to show (i.e. individual times, prices percentage markups etc)

The screenshot shows the 'Electrical Estimating' software interface. It features several numbered steps for user input:

- 1. Select main group:** A list box containing 'Cables', 'Conduit and Fittings', 'Cable Tray', 'Lighting Fixtures', 'Surface ducts', 'Bus Duct', 'Underfloor duct', and 'Equipment Hookup'. 'Conduit and Fittings' is selected.
- 2. Select Sub-Group:** A list box containing 'Electrical Metallic Tubing (EMT)', 'Flexible Conduit', 'Liquid-tight Flexible Conduit', 'PVC Conduit', 'Power and Communication Ducts', 'Galvanized Rigid Steel (GRS) Conduit', and 'Intermediate Metal Conduit (IMC)'. 'PVC Conduit' is selected.
- 3. Select Type:** A list box containing 'Schedule 40 PVC conduit, 250 mm length', 'Schedule 80 heavy wall PVC conduit, 250 mm length', '30 degree schedule 40 PVC elbows', '45 degree schedule 40 PVC elbows', '90 degree schedule 40 PVC elbows', '90 degree schedule 80 PVC elbows', and 'Schedule 40 PVC couplings'. 'Schedule 80 heavy wall PVC conduit, 250 mm length with coupling' is selected.
- 4. Select Size or Description:** A list box containing '16 mm', '20 mm', '25 mm', '32 mm', and '40 mm'. '25 mm' is selected.
- 5. Cost per Meter:** A text box with '3.75'.
- 6. Units:** Radio buttons for 'Feet' (selected) and 'Meters'. The 'Feet' value is '82.02' and the 'Meters' value is '25'.

Other interface elements include:

- Project Name:** An empty text box.
- Table:** A table with columns 'Group', 'Sub Group', 'Type', and 'Size'. It lists items like 'Cables' and 'Conduit and Fittings' with their respective sub-groups and types.
- Miscellaneous Setup:** A button.
- Create Assembly:** A button.
- Project Information:** A section with 'Edit' and 'Delete' buttons.
- Summary:** Displays 'Total Time: 15 : 27', 'Hourly rate: \$ 45', 'Total Material Cost: \$ 1590.0', 'Add %: 15', 'Total Labor Cost: \$ 834.3', and 'Add %: 20'.
- Results:** Displays 'Total time: 02 : 47' and 'Total Cost: \$ 93.8'.
- Buttons:** 'Calculate Totals' and 'Add to Table'.

You can add your own equipment, times and prices and expand the database from over 12,800 to 20,000 items of equipment.

Assemblies: For streamlining and making your estimating an even more efficient process you can create assemblies. Using this function you can add a number of items together that would make up a job (such as lighting circuits, motor installations etc) and save this assembly. When next you perform this installation task simply select the assembly name given and the programme will instantly gather all of the items associated with the assembly and enter it in to your estimate report automatically.

You will usually get only one chance to submit your quote, get it right first time and make it a winner. Start using the Electrical Estimator and produce Professional Looking Quotes in minutes.

EstimationResults

Solttbox Electrical www.cablecalc.com
27 Sep 2005

ProjectName:

Client:

Address:

Additional Information:

| Group | Sub-Group | Type | Size | Qty/Length | Hrs : Mins | Unit Cost | Total Cost | Add. |
|-----------------------|---------------------------|---|----------------------|------------|------------|-----------|------------|------|
| Cables | CopperBuildingcable | PVC (75°C) Stranded copper cable | 1.5mm ² | 150 mts | 05 : 54 | \$0.95 | \$285.0 | |
| | CopperBuildingcable | XLPE(90°C) Stranded copper cable | 6.0mm ² | 55 mts | 01 : 27 | \$2.35 | \$129.3 | |
| ConduitandFittings | PVCConduit | Schedule 40 PVC conduit, 250 m lengthswithcoupling | 20 mm | 120 mts | 12 : 36 | \$3.45 | \$414.0 | |
| | PVCConduit | Schedule 40 PVC conduit, 250 m lengthswithcoupling | 32 mm | 50 mts | 05 : 35 | \$7.85 | \$392.5 | |
| | FlexibleConduit | Flexreducedwallsteelconduit | 20 mm | 20 mts | 01 : 58 | \$5 | \$100.0 | |
| Cable Tray | Perforatedcabletray | Perforatedcabletray | 225mm | 20 mts | 08 : 12 | \$12.35 | \$247.0 | |
| LightingFixtures | FluorescentLights | Suspension mounting | Two tubes | 10 | 05 : 36 | \$17 | \$170.0 | |
| | FluorescentLights | Suspension mounting | Four tubes | 6 | 06 : 00 | \$19.50 | \$117.0 | |
| | IncandescentLightFixtures | Ceilingsquare glassincandescentlightfixtures, Two60-wat | White 350 mm | 2 | 00 : 36 | \$10.75 | \$21.5 | |
| Underfloorduct | Underfloorduct | Powerduct, 80 mmwide | 35 mm insertheight | 8 | 02 : 24 | \$4 | \$32.0 | |
| EquipmentHookup | MotorHookup | Hook upsingle orthree-phase motors to s | 1.1 kW motor | 2 | 01 : 30 | \$250 | \$500.0 | |
| | MotorHookup | Hook upsingle orthree-phase motors to s | 7.5 kW motor | 4 | 05 : 00 | \$550 | \$2200.0 | |
| MotorControlEquipment | ManualMotorStarters | With overloadrelays | 1Pw/pilotlight, 230V | 2 | 00 : 36 | \$88 | \$176.0 | |
| | ManualMotorStarters | Open type Kw ratedwith overload relays | 3P 5.5 Kw | 4 | 01 : 36 | \$125 | \$500.0 | |
| User Assemblies | TrailerPak | Light&Power | Recepticles 16 Amps | 12 | 04 : 36 | \$8 | \$96.0 | |
| | ServiceEntranceEquip | Load Centres | 30wayboard | 1 | 12 : 55 | \$65 | \$65.0 | |

76 : 31

\$5445.3

Total Material cost: \$ 6262.10
Added %: 15.00

Hourly rate : \$ 45.00
Total Labor cost: \$ 4304.06
Added % : 25.00

Estimated by:

Company: