

# FastQuote

2009

produced by AEI Software, the makers of IRRICAD™



FastQuote, the 'Premier Residential Design Software', is unique computer software for designing all types of residential and commercial irrigation systems



**Provides Fast Professional Quoting for Turf Irrigation used for:**

- Residential
- Small Commercial

**More Quotes in Less Time**

**More Quality with Less Effort**

**Removes Mundane Chores**



## ***FASTQUOTE GIVES YOU...***

- A computerised system that helps you design and quote on residential irrigation quickly and effectively
- Professional, personalized quotations and plans prepared automatically from design information
- An opportunity to maintain a high level of service, even when the pressure is on
- Effortless compilation of design and costing reports
- A design and marketing tool that gives you an edge over your competitors
- A rapid response mechanism to your clients changing needs



## ***FASTQUOTE BENEFITS...***

- FastQuote's systems approach reduces time and paperwork
- Gain increased productivity; spend less time on design and more time seeking new clients
- Design changes are easy, giving rapid production of revised quotes
- Sales staff gain confidence from the quality presentations and fast service offered
- Fast response the clients and enhanced company



Drawing up a plan, designing it and costing it is made easy with an all in one application



### **EASY ENTRY OF SITE PLAN ...**

- If you have a large scale plan
- import a scanned image
  - import the landscape designer's drawing
  - use a digitiser to enter site details
  - draw in using the mouse

All the drawing objects you are likely to need are there, plus pop-up lists of symbols and text labels.

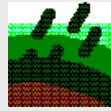


### **FASTQUOTE FEATURES INCLUDE...**

- Purpose built interface screen for easy entry of site information and system componentry
- Automatic pipe sizing and analysis for systems
- Automatic fittings selection and generation of Bill Of Materials
- Comprehensive reporting module for providing design and costing reports
- Flexible printing facility for preparing design drawings
- Importation and exportation of image files
- Importation of AutoCAD files, including elevations
- Quick labelling feature and automatic legend generation
- Include valves, water supply and components
- Any combination of Metric or US units

For further information, contact:

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## FREQUENTLY ASKED QUESTIONS .....

Length/Number	(m)	Description
1327		20 mm Class 12 PVC
426		25 mm Class 9 PVC
461		32 mm Class 8 PVC
234		40 mm Class 8 PVC
286		50 mm Class 6 PVC
2		65 mm Class 6 PVC
639		80 mm Class 6 PVC
17		Hydro Rain 40mm 100 Series Valve (d0)
5		Hydro Rain 40mm 100 Series Valve (d1)
3		25mm BSP Gate Valve (pat to 50bar) (a)
1		20mm End Cap
1		20mm PVC Plain Coupler
44		20mm PVC plain male coupler
2		25mm PVC plain male coupler
44		25mm x 1" Faucet Adaptor
2		25mm x 3/4" Faucet Adaptor
100		25-20mm PVC Reducing Bush
2		32mm PVC plain male coupler
20		32-20mm PVC Reducing Bush
11		32-25mm PVC Reducing Bush
12		40mm PVC plain male coupler
20		40mm x 1.12" Valve Adaptor
15		40-25mm PVC Reducing Bush
20		40-22mm PVC Reducing Bush
1		50mm PVC plain male coupler
14		50mm x 1.12" Valve Adaptor
7		50mm x 2" Valve Adaptor
3		50-25mm PVC Reducing Bush
6		50-40mm PVC Reducing Bush
1		65-50mm PVC Reducing Bush
1		80mm End Cap
3		80mm x 2" Valve Adaptor

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A complete bill of materials list

### Can I get FastQuote to select the fittings I need?

Yes. FastQuote can automatically select fittings from the database to solve connections. It is easy to make FastQuote select the type of fittings you specifically wish to use.

### Can I enter new fittings and other items into the database?

Yes. You can easily enter new items, or you can download manufacturer-specific databases from our website and merge them with your current working database. FastQuote is supplied with a comprehensive database containing fittings, pipe, sprinkler and other components.

### Can we customise the reports to our requirements?

Yes, FastQuote generates reports from templates. These templates can be customised to your personal requirements for both content and style.

### How long does it take to learn FastQuote?

This can vary from individual to individual, depending on experience and background. There are support resources available, including a help menu, tutorials, help documents, FAQ's on our website, and training manuals. We are also available by email or phone to answer your questions. AEI Software prides itself on providing prompt and helpful support to its clients.

### Do I need to buy a separate drawing package?

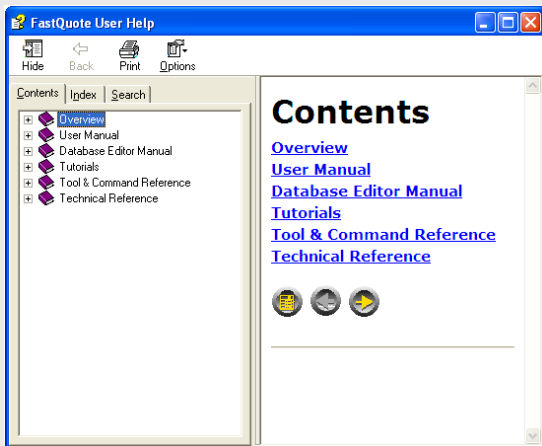
No, FastQuote comes complete as a standalone package with all the drawing features of a standard CAD package.

### Do I need to buy upgrades?

Support upgrades and patches appear periodically on our website [www.IRRICAD.com](http://www.IRRICAD.com) and can be downloaded at no charge. You will receive 12 months free support and upgrades when you purchase FastQuote. Major upgrades in the future can be purchased as required.

### If I import or draw contours, will FastQuote take these into account when doing the hydraulic design process and calculating the pipe lengths?

Yes. FastQuote interpolates between contours and/or spot heights and uses the results during pipe sizing and hydraulic analysis. Elevations are also used to calculate the pipe lengths.



The FastQuote On-line help is available in the Program



## FREQUENTLY ASKED QUESTIONS...

### **Can I analyse existing systems or only design new systems in FastQuote?**

You can analyse any existing systems, design extensions to existing systems, and design totally new systems in FastQuote.

### **Can FastQuote select pipe sizes for the design?**

Yes. You can size pipes based on the pressure required at sprinklers and valves, or you can size pipes based on a maximum velocity in the pipes. You can select some pipe sizes manually and ask FastQuote to select the rest for you.

### **Can I use pumps in FastQuote?**

Yes. There is a pump component group to the database. You can enter new pumps easily and use them in any design.

### **Can I lay electrical wiring in a design?**

Yes, you can input electrical items such as wires, controllers and other electrical items. These are included in the Bill of Materials reports.

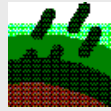


## WHAT OUR USERS ARE SAYING...

- ***“IRRICAD and FASTQUOTE have revolutionised our approach to irrigation design. The programs give us fast, hydraulically accurate, professional designs and drawings that include complete materials reports. Technical support has always been available”*** Don L. Lyster, R.C.E. Harward Engineering, Spanish Fork, UT.
- ***“I have been using Fastquote Version 4 for 12 months now and have found it to be very user friendly compared to Version 3 it has a lot of extra features and improvements particularly showing non connected pipes etc. I strongly recommend it as a great product”*** Gerry Savage, NSW, Australia

For further information, contact:

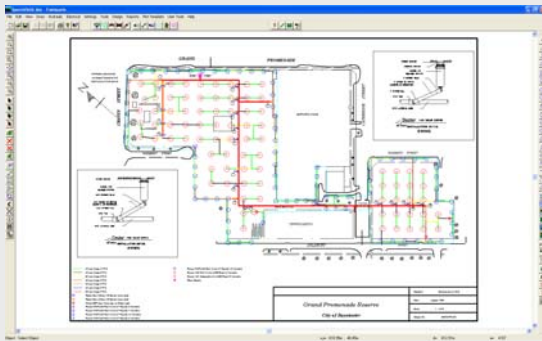
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An example design and report

FastQuote Version: 4.03		Design Summary Report	
Company:		Designer:	
Client:		Design Date:	01 December 2008
Site:		Report Date:	12/01/08 16:01:51
Notes:			
Filename:			
Zone Name: Zone no. 1		Valve Description: Nelson 5450 Electronic Water Tin	
Zone Head @ 5):	27.00 m	Zone Head @ 5):	27.00 m
Required Zone Head @ 5):	26.66 m	Supply Head:	27.00 m
Total Zone Flow:	7.47 gpm	Valve Headloss:	0.00 m
Allowable Flow (gpm)	Actual Flow (gpm)	Allowable Pressure (m)	Actual Pressure (m)
Minimum Outlet	1.00	1.00	24.61
Maximum Outlet	1.12	1.11	27.35
Outlet Variation (%)	5.50	2.79	10.01
Outlet Locations (X,Y) Minimum:	0.1, 31.4	Maximum:	36.1, 31.4
Zone Name: Zone no. 2		Valve Description: Nelson 5450 Electronic Water Tin	
Zone Head @ 5):	27.00 m	Zone Head @ 5):	27.00 m
Required Zone Head @ 5):	26.66 m	Supply Head:	27.00 m
Total Zone Flow:	7.47 gpm	Valve Headloss:	0.00 m
Allowable Flow (gpm)	Actual Flow (gpm)	Allowable Pressure (m)	Actual Pressure (m)
Minimum Outlet	1.00	1.00	25.65
Maximum Outlet	1.12	1.11	27.35
Outlet Variation (%)	5.50	2.75	10.01
Outlet Locations (X,Y) Minimum:	0.0, 27.6	Maximum:	26.7, 27.7
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## FAST, FLEXIBLE COMPONENT ENTRY

*FastQuote contains a host of system layout aids, like automatic head placement and spraylines. Choose the pipes you want from the pop-up database, or just layout their positions and let FastQuote size them. There's no set order for putting things in, nor do you have to worry whether its zone or mainline; FastQuote works all this out.*

*Want to change something? No problem. For example, you can "grab" a sprinkler and move it, complete with its wetted radius if you want to check coverage. And don't worry about disrupting the system, the pipes will move too if they are attached. You can quickly see what happens to performance using alternative sprinklers by applying FastQuote's global edit.*

*Controller, lights and wiring are also entered with ease.*



## POWERFUL DESIGN CAPABILITY

*Design couldn't be much simpler. Set it going and there's virtually nothing to do. FastQuote makes sure the System is all connected, then checks that the water supply can handle the duty and there is no overwatering. If everything checks out, the system is designed and a zone operating schedule is produced.*



## HARDWARE REQUIREMENTS

The following hardware is recommended for FastQuote:

- **Computer:** Pentium class computer, minimum 512MB Ram.
- **Operating System:** Windows 2000, XP or Vista.
- **Scanner / Digitiser:** A scanner can be used to produce image files for importing into FastQuote. A digitiser with a Wintab32 driver is required to digitise from scale plans.
- **Printers:** FASTQUOTE can print plans and reports on any Windows compatible printer or plotter.

Please contact us if you have any questions regarding FastQuote's hardware requirements.



## PROCUREMENT OPTIONS

An evaluation disk is available on request; please contact your local FastQuote or IRRICAD representative.

Contact your distributor for local pricing. Discounts available for multiple copy licences.

Support and maintenance releases are provided free of charge for 12 months from the purchase date.

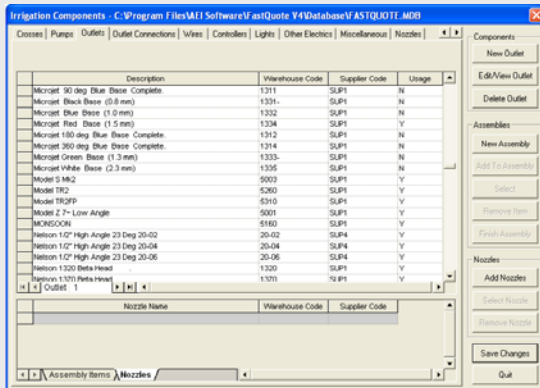


## DELIVERY AND PAYMENT

To order, simply email, fax or telephone AEI Software with your requirements.

FastQuote is delivered upon receipt of payment. Payment can be made by bank draft, credit card (MasterCard, Visa), or automatic transfer to our account.

Should the package be returned in perfect condition within 60 days of the dispatch date, the full license fee less delivery costs will be refunded.



The FastQuote database program allows you to customise your database



For further information, contact:

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