

Appendix A – Chip Timing/Results Quotations

Below are initial estimates for the introduction of chip-timed results for the Oxfordshire Cross Country League.

Please note that the chip-timing systems alone will not be able to produce the best 4 out of 5 results individual rankings or team standings.

The chip-timed results will still need to be passed through the existing results system in order to achieve the rankings and standings.

The following 5 companies have been approached to provide a quotation: DAG-System, ResultsBase, RogueRacer, Shoot4Goal and SplitSecondTiming.

DAG System

Two possible solutions have been put forward:

Rugged PDA



A handheld device that will allow runners to be detected without having to stop them.

The PDA device is simply pointed at the bib and the trigger pressed to launch detection mode.

It is also possible to type in a number manually if required.

The PDA uses DAG Live technology which allows the results to be sent live to a distant computer. The system has the advantage of being portable and requiring no power source (*except to load the battery*).

The system is ideal for small races, for checkpoints, or as a backup device.

This solution excl. VAT costs:

€ 2,200.00

Includes a free 6 month subscription to DAG Live (value - €250).

This solution uses UHF chips at a cost each of:

€ 0.40

This solution can be seen in operation at:

<https://www.youtube.com/watch?v=B1nv-D4vIew>

2.3m HF Gate System





This system is the closest equivalent to those quoted by the other companies.

The 2.3m HF Gate System comprises:

Blackbox (*finish time recording*)

Auto-tuning Box (*system performance optimisation*)

Antenna (*chip detection purposes*)

Detection Software *plus sundry items to make the system work*

Note:

The computer on which the detection software is to be installed is not supplied.

This solution excl. VAT costs:

€ 3,450.00

This solution uses HF chips at a cost each of:

€ 1.50

The detection software (included) - annual subscription cost excl. VAT.

€ 150.00

The results software - fixed, one-off cost excl. VAT.

€ 350.00

This solution can be seen in operation at:

<https://www.youtube.com/watch?v=g1mCXgSrEg4>

ResultsBase

This organisation supplies the chip timing service for the Chiltern Cross Country League.

Based upon approximately 700 runners per fixture.

Fixed Costs

Setup Fee

5x fixtures @ £350.00 per fixture

£1,750.00

Variable Costs

Fee per Finisher

5x 700 @ £0.75 per finisher

£2,625.00

Bibs (incorporating timing chip)

700 + 100 spares £0.68 per bib

£544.00

Optional Costs

Gantry

£150.00

PA System

£150.00

Total Base Fixed+Variable Cost/Series:

£4,919.00

Total Base Fixed+Variable+Optional Cost/Series:

£5,219.00

Note: *The price actually quoted for the 5-race series was:*

£5,279.00

Not certain how this figure was arrived at. To be queried.

Additional Costs

Travel at 45p per mile per event from Milton Keynes

Note: *All prices quoted exclude VAT.*

RogueRacer

Based upon approximately 1200 unique runners.

Timing services per Race including:

2 x timing staff with 1 x vehicle and set up costs	£800.00
Software License costs based on 500 entrants	£70.00
On the day entries charged at £2 per entrant	<i>tbc</i>
Travel and other expenses	£80.00

Less:

Bulk discount (20%)	(£190.00)
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Basic Cost/Fixture **£760.00**

1200x Bibs Incorporating Timing Chips £1,532.00

Total Cost/Series **£5,332.00**

Average Series Cost/Runner £4.44

Additional Options

Inflatable Race Arch	£100.00
6 x 3m Marquee	£50.00
Printout dockets with gun & chip times, placings	£60.00
SMS Service/Message	£0.14
<i>To be offered as an optional charge for the participant when registering?</i>	

Note: All prices quoted exclude VAT.

Shoot4Goal

This organisation supplies the chip timing service for a number of Oxfordshire-based races.

Based upon approximately 1200 unique runners.

Bibs from 1 to 850 – to be handed out to series participants.

Bibs from 1000 to 1350 – to be on hand for additional runners/guests and lost/damaged numbers.

The cost for the 5-race series will be:

Fixed Costs

Chip Timing/Results:	£4,300.00
Gun Times for 9 wave starts.	
1200 digitally printed bibs with chips.	
Printed results available as competitors finish the race.	
Results uploaded to our website as live.	
Integrity of results backed up by handheld data input readers and video of finish.	

Optional Costs

Race Clock:	£200.00
One Gantry (up to 4m internal width):	£500.00
Two Gantries (up to 4m internal width):	£900.00

Total Base Fixed Cost/Series: **£4,300.00**

Total Base Fixed Cost/Series + Options: **£5,400.00**

Potential Additional Costs

Lost/Damaged/Additional Bib/Chip Requirement	
Digitally printed bib with chip:	£2.25

Note: All prices quoted exclude VAT.

SplitSecondTiming

Based upon 700 runners per fixture.

Basic Fee	£500.00
Fee/Runner over 200 @ £0.85	£425.00

Basic Cost/Fixture £925.00

1200x Bibs Incorporating Timing Chips	£360.00
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Average Cost/Fixture	£72.00
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Overall Cost/Fixture	£997.00
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Average Cost/Runner	£1.42
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Total Cost/Series £4,985.00

Additional Costs

Travel Allowance/Fixture	£55.00
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Notes:
VAT not applicable.
No allowance has been included for replacement numbers in case of loss or damage.