

Electronic Voting in Ireland**Summary of Costs**

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E&OE

Based on materials released following requests made under the Freedom of Information Acts and on answers to Parliamentary Questions.

I am happy to be corrected on any of these figures as more detail is released

VM = Voting Machine
 PRU = Programming and Reading Unit
 BM = Ballot Module

Each cost line is supported by details further down in this spreadsheet.

	Item	Quantity	List	Net	Total		VAT	Gross
Initial Project	Development + 6 VMs	6						€ 530,600
Pilot polls in 2002								
Pilot machines	VMs ESI 1 + shipping	600	€ 4,830	€ 4,722	2,846,960	17.5%	498,218	€ 3,345,178
	Voting Machines ESI1 plus 450 BMs, 12 PRUs +shipping	400			1,955,487	17.5%	342,210	€ 2,297,697
							Note UK VAT rate used	
Countrywide Implementation 2003								
	ESI 2	6000	€ 5,008	€ 4,508	27,048,000	21%	5,680,080	€ 32,728,080
	Upgrade ESI 1 to ESI 2	1006		€ 2,393	2,407,358	21%	505,545	€ 2,912,903
	Ballot module	6000		€ 95	570,000	21%	119,700	€ 689,700
	PRU	120		€ 1,500	180,000	21%	37,800	€ 217,800
	Services per day			€ 900		21%	-	
	Shipping + insurance			Cost	for quantity	prorated up by		
				€ 3,170	208	6300		€ 96,014
Additional equipment ordered on 14 Jan 2004								
	VMs	300		€ 4,508	1,352,400	21%	284,004	€ 1,636,404
	PRUs	10		€ 1,500	15,000	21%	3,150	€ 18,150
	Ballot Modules	30		€ 95	2,850	21%	599	€ 3,449
	Extra Ballot Modules for 6 month storage of votes	6500		€ 95	617,500	21%	129,675	€ 747,175
								€ 45,223,151
								As of 4th May 2004
Testing								
							ERS	€ 60,249
							Zerflow	€ 4,840
							Nathean	€ 145,298
							PTB	€ 50,820
							Kema	€ 5,500
							TNO	€ 45,301
								€ 312,008
Further Costs								
	Prorated from Waterford costs			Cost	for quantity	prorated up by		
Ancillary Storage 2004	Trolleys, tables, cases etc			€ 53,120	170	7300		€ 2,281,035
Batteries				€ 50,000	170	7300		€ 2,147,059
Training								€ 525,000
Insurance 2004	Prorated from Cork Central			€ 15,506	410	7300		€ 276,082
Publicity	actual ? About half of the budgeted € 5m							€ 2,500,000
								€ 53,264,335
								As of 4th May 2004
IES Software	per Minister Cullen, Dail reply, 4th March 2004				€467,000	21%	€98,070	€ 565,070
Additional Staff 2004		4000		€ 240				€ 960,000
	One person for each VM less counting staff							
Future Storage	20 year life span so	19						€ 40,794,118
Future Insurance	20 year life span so	19						€ 5,245,566
Future Maintenance post 2007								
Future staff	10 further elections - one every 2 years							€ 9,600,000
								€ 57,164,754
								€ 110,429,089