

TENDER COMPARISON
144752 / Gas analyzers

Gas analyzer	Life cycle cost (LCC) Operational costs when 100 an. run per year. The total price of the consumables needed	Sintrol Oy Hapsite	Noriab Oy - Torion	500 L	Southern Scientific Ltd - Griffin	2,000	Calculation method Tuo Logistikka
Operational costs when 100 analysis are run per year; total price of the spare parts needed	2	0 €	2,000	5 089 €	0	0,000	tarjottu arvo
Operational costs when 100 analysis are run per year; total price of the spare parts needed	2	0 €	2,000	5 089 €	0	0,000	tarjottu arvo
Periodical maintenance after the warranty period €/periodical maintenance	1	1 700 €	0,882	1 500 €	1	0,150	tarjottu arvo
Service and fault repair after the warranty period €/h		120 €/h	1,000	180,93 €/h	0	0,480	tarjottu arvo
						2,000	tarjottu arvo

perusteella



	14/14	13,000	10/14	9,286	14/14	13,000	Manualinen
13 Analyzer reliability: when tested with known substance the analyzer does not give result at all or gives false result. The equipment with the best reliability gets 13 points, all others in proportion to the best reliability. E.g. The equipment A recognizes 35/36 substances and gets 13 points. The equipment B recognizes 20/36 substances and gets 20/35x13 = 7.43 point.							TUO Logistiikka
Usability of the analyzer in the level A PPE (Personal Protective Equipment) The usability is tested by a group of several fire fighters who each evaluate the usability in level A PPE. Tenderer's score is the average points given by the group.	106	4,609	105	4,565	115	5,000	suurin pistemäärä
5 Usability of the analyzer (start up, using the touch screen, navigation in the menus) 0-5 points	28	4,242	30	4,545	33	5,000	suurin pistemäärä
5 Doing sampling work (preparing, placing consumables, activating, sampling and running the analysis)	30	4,688	28	4,375	32	5,000	suurin pistemäärä
2 Display resolution. Please indicate the pixels from side to side and from top to bottom (e.g. 640*480). Contracting Authority calculates the product of the pixels. The largest product gets the maximum amount of points. Other tenders get points as follows: product/biggest product*maximum points	640*480 640	640*480 0,667	1280x720 0,667		2,000		suurin annettu arvo
2.5 Maintenance and repair services available in Finnish	Kyllä	2,500	Kyllä	2,500	Ei ilmoitettu	0,000	Ei=0, Kyllä=2,5
2.5 Technical telephone (see minimum requirements) support available in Finnish	Kyllä	2,500	Kyllä	2,500	Ei ilmoitettu	0,000	Ei=0, Kyllä=2,5
40 Kokonaishinta yhteensä	620 000,00 €	25,306	537 385,00 €	29,774	400 000,00 €	40,000	pienin annettu arvo
							maksimipisteet
							tarjottu arvo

82,174

70,275