

# Comparison of two proposals

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m.kumada, NIRS

	<b>Paul Bellomo</b>	<b>M.Kumada</b>
<b>Cost (k\$)</b> <b>(phase 1 included)</b>	<b>~1047</b>	<b>~646</b>
Material	608	427 (field monitor included)
labor	439	200
Recovery time from failure	Fast(1 minutes?)	Ordinary(20 minutes?)
Redundancy	***** (five stars)	*** (three stars, standard)
Capability of Dipole field monitoring	no	Yes (10 ppm)
Capability of quadrupole magnet field monitoring	no	Probably possible (10 ppm)
Capability of quadrupole magnet field gradient monitoring	no	Possible (100ppm)
Spare parts	1 bulk PS, 12 power modules	4 power supply (each 1 type)
Number of racks	7	4
Control	Ethernet/epics	Labview or to be discussed with Terunuma-san
Person in charge in case of failure	By phone/email (Paul Bellomo)	Immediate Dispatch (M.Kumada)
Phase 1 cost	29	29