

Appendix 1: Maintenance Items

Full list of maintenance items is available on request.

Headline maintenance items covered by the proposal:

Replace spa in leisure pool	£	40,000
Replace soda ash dosing equipment in chemical store	£	10,000
Replace air blower for bubble seat feature	£	8,000
Remove and replace water monitor feature	£	5,000
Remove existing rain shower feature and replace with bespoke play feature	£	5,000
Replace existing flow metering equipment on main and teaching pool systems with digital equipment	£	10,000
Identify redundant electrical installations. Remove or ID/make-safe redundant controls within control panels. Strip out and dispose of redundant power and controls field wiring. Plate off redundant switch/lamp indications on panel door	£	20,000
Permanently disconnect, remove from site and licenced disposal of all redundant equipment, associated pipework, valves and fittings	£	20,000
Fire Alarm - Replace existing Xtralis aspirating detectors with Wagner	£	25,000
Electrical Distribution Boards (all obsolete and spares not readily available)	£	10,000
Remove old main pool lighting (rusting and depositing debris in pool)	£	10,000
Replace Teaching pool lighting and modify switching	£	25,000
Replace All Studio lighting with LED and remove dimmers	£	20,000
Replace lighting with LED progressively throughout complex	£	45,000
Replace Leisure pool AHU (external roof mounted) and controls	£	50,000
Replace leaking 3-port valves throughout	£	40,000

Replace 4 no Secondary LTHW pumps and valves (replace obsolete Biral units)	£ 31,000
Update BMS remove redundant controls add supervisor PC for remote access	£ 15,000
Replace leaking copper distribution pipework where fittings corroding etc	£ 25,000
Replace leaking boiler shunt pumps	£ 22,000
Replace pool floor complete and fixed boom installations	£ 375,000
Replace box strainers on flume feature pumps	£ 8,000
Replace all wafer pattern valves on pool filter frontals including distribution pipework to include GF and diaphragm valves on smaller dia pipework	£ 45,000
Replace backwash pump equipment including new control panel, Pipework guiderails and level controls	£ 20,000
Replace existing v-notch Cl. gas flow regulators in this period	£ 15,000
Reline and replace sand and support media in filter vessels	£ 47,000
Allow for re-lining flume rides and run-outs + structural repairs	£ 15,000

The following items have been removed from the maintenance requirements as not deemed required in the next 10 years.

Remove shelf and posts in second floor viewing gallery replace with proper guard rail/baluster	£37,500
Remove shelf on first floor viewing gallery, possible replace guarding/balusters/rail	£22,500
Make safe for 12-month period the existing pool floor with new buoyancy cells, display signage and controls. Rectify entrapment issues, remediate boom structure and replace floor panels on boom top surface	£45,000
General structural inspections	£10,000
Repair boiler room floor	£10,000
Estimated current cost for new plant with a 25m 6-Lane pool, 20 x 10 teaching Pool (with moveable floor) and large splash pad/play features (flumes rides features NOT included) **	£600,000
Replace floor tiling to pool halls	£343,800
Full wiring replacement (budget cost potentially up to)	£500,000

** only half of this figure will be removed.

Items were not covered by the Alliance proposal but are still required within the next 10 years.

Boiler and DHW plant	£ 250,000
Replacement of remaining AHU plant	£250,000
Main pool Plant	£300,000
Fire Alarm and PAVA 20-year life expiry	£250,000
Replace AC systems with HE units (Dependant on full survey)	£50,000
Replace leaking copper distribution pipework where fittings corroding etc	£70,000
Replace waterproof joints to plant area below learner pool	£10,000
Fire Alarm - Replace existing Xtralis aspirating detectors with Wagner	£25,000
Electrical Distribution Boards (all obsolete and spares not readily available)	£10,000

Replace Leisure pool AHU (external roof mounted) and controls	£ 50,000
Replace leaking 3-port valves throughout	£40,000
Replace 4 no Secondary LTHW pumps and valves (replace obsolete Biral units)	£31,000
Update BMS remove redundant controls add supervisor PC for remote access	£15,000
Replace leaking copper distribution pipework where fittings corroding etc	£25,000
Replace leaking boiler shunt pumps	£22,000
Replace Teaching pool lighting and modify switching	£25,000