

Appendix 1 -Education Heating and Electrical Programme

The tables below demonstrate the individual recommended works per school, shown against their priority category.

19/20 works to be carried out this year from the £311k carry forward

Category 3 works will be attended to on a priority basis against the available budget each year going forward.

Alfred Sutton Primary

Category	Item	Cost	School Funded	Salix
1	Secure water heater cover to kitchen water heater in infants building	250	250	0
	Thermal insulation installation to Senco, Infants & juniors	10000	0	0
2	Dead leg removal from Senco, Infants and Juniors	7500	0	0
3	Main panel upgrade and replacement of distribution boards	10500	0	0
3	UFH health check and LTHW water quality check in Admin/Early Years building	5000	5000	0
3	Water quality check for LTHW in Nursery building	1000	1000	0
4&5	Boiler replacements in Senco building	75000	0	0
4&5	Heating boiler installation in Infants building	75000	0	0
4&5	Heating boiler installation in Juniors building	75000	0	0
4&5	Fire alarm system	35000	0	0
4&5	Gas safety interlock in Infants building	5000	5000	0
4&5	Gas safety interlock in Juniors building	5000	5000	0
4&5	Gas safety interlock in Senco building	5000	5000	0
4&5	Flexible connection removal in Senco, Infants and Juniors	5000	5000	0
4&5	Flexible connection removal in Admin/Early Years building	500	500	0
Salix	TRVs, thermal insulation and LTHW water quality check in Infants building	15000	0	15000
Salix	TRVs, thermal insulation and LTHW water quality check in Juniors building	15000	0	15000
Salix	TRVs, thermal insulation and LTHW water quality check in Senco building	15000	0	15000
Salix	Lighting - general and emergency	11000	0	11000
Total		370750	26750	56000

Blagdon Nursery

Category	Item	Cost	School Funded	Salix
1	Heater covers	20000	0	0
1	Thermal insulation installation	1750	1750	0
3	Small power/ lighting circuits	75000	0	0
3	Fire alarm	25000	0	0
Salix	Lighting-general & emergency	20000	0	20000
Total		141750	1750	20000

Blagrove Nursery

Category	Item	Cost	School Funded	Salix
3	Gas fired convector replacement and covers	9000	0	0
3	Electrical rewire	50000	0	0
3	Distribution board replacement	6000	0	0
3	TMV insulation	500	500	0
3	Fire alarm improvements	4000	4000	0
4&5	Solenoid valve installation	12500	0	0
Salix	Lighting replacement	12000	0	12000
Total		94000	4500	12000

Caversham Park Primary

Category	Item	Cost	School Funded	Salix
1	Redundant shower removal	750	750	0
1	DHWS pipework protection	1500	1500	0
1	LTHW pipework protection in AWC	750	750	0
3	Main panel upgrade and replacement of distribution boards	25000	0	0
3	LTHW convectors	2400	2400	0
3	Lighting - general and emergency	8000	0	0
4&5	Fire alarm system upgrade	55000	0	0
Total		93400	5400	0

Caversham Primary

Category	Item	Cost	School Funded	Salix
3	Pipework and radiator replacement	86000	0	0
3	Distribution boards and final circuitry	21500	0	0
3	Main panel board replacement	9000	0	0
3	Extract fans in WCs	3000	3000	0
3	Data cabinet upgrade	5000	5000	0
3	Fire alarm	20000	0	0
Salix	Lighting replacement	10000	0	10000
Total		154500	8000	10000

Caversham Nursery

Category	Item	Cost	School Funded	Salix
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3	IT fan	500	500	0
4&5	LTHW heating system recommission	20000	0	0
Total		20500	500	0

Coley Primary

Category	Item	Cost	School Funded	Salix
3	Distribution boards and final circuitry	20000	0	0
3	Main panel board replacement	9750	0	0
3	Replacement of corroded/faulty valves and pipework within existing plant room	15000	0	0
3	Pipework insulation installation	20000	0	0
3	Fire alarm	10000	0	0
4&5	Flexible hose removal from whb's & sinks	1500	1500	0
4&5	Mechanical ventilation installation to wc's	5000	5000	0
4&5	Gas safety system installation to plant room	5000	5000	0
4&5	TRV installation	1000	1000	0
Salix	Lighting replacement	17500	0	17500
Total		104750	12500	17500

Cranbury College (Cranbury Rd)

Category	Item	Cost	School Funded	Salix
1	Ventilation in kitchen	20000	0	0
3	Auto controls	1800	1800	0
3	Lighting - emergency	500	500	0
4&5	TMV relocation	750	750	0
Total		23050	3050	0

Cranbury Primary (College Road)

Category	Item	Cost	School Funded	Salix
1	Ventilation in boiler room	500	500	0
	Ventilation in gas meter room	1000	1000	0
2	Deadleg removal	500	500	0
3	Boiler replacement	50000	0	0
3	Boiler F&E tank	1500	1500	0
3	Main switchgear and distribution boards	15000	0	0
3	Auto controls replacement	5000	5000	0
3	LTHW pipework and heat emitter replacements	20000	0	0

Classification: OFFICIAL

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4&5	Gas safety interlock in boiler room	5000	5000	0
4&5	Thermal insulation installation to DH & CWS	500	500	0
Total		99000	14000	0

Emmer Green Primary

Category	Item	Cost	School Funded	Salix
3	Boilers, burners, flues, pumps and control panels replacement	110000	0	0
3	Calorifier hose replacement	500	500	0
3	Distribution pipework replacement inc radiators and fan convectors	200000	0	0
3	Boiler replacement in temporary classroom	2500	2500	0
3	Water quality check for LTHW	1000	1000	0
3	Fire alarm	30000	0	0
3	Lighting - emergency	10000	0	0
4&5	Extract fan installation in cleaners cupboard	750	750	0
4&5	Electric water heater replacement	5000	5000	0
Salix	Lighting -general	20000	0	20000
Total		379750	9750	20000

EP Collier Primary

Category	Item	Cost	School Funded	Salix
3	Boiler replacement	75000	0	0
3	Distribution pipework, radiator and fan convector replacements	250000	0	0
3	Distribution board replacement	8000	0	0
3	Water quality check for LTHW	1000	1000	0
4&5	Control panel replacement	7500	0	0
4&5	Solenoid valve installation	5000	5000	0
Total		346500	6000	0

Geoffrey Field Infants

Category	Item	Cost	School Funded	Salix
2	Shorten DHW distribution pipework	10000	0	0
2	Water quality check in original pipework	1000	1000	0
3	Heating distribution pipework replacement	125000	0	0
3	Submain switchgear and final distribution board replacement	35000	0	0
3	Lighting - emergency	20000	0	0
3	Fire alarm	25000	0	0
4&5	Solenoid valve installation	5000	5000	0

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Total		221000	6000	0
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Geoffrey Field Junior

Category	Item	Cost	School Funded	Salix
1	Shorten DHW distribution pipework	10000	0	0
3	Boiler repair/replacement	15000	0	0
3	Distribution pipework replacement	140000	0	0
3	Submain switchgear and final distribution board replacement	35000	0	0
3	Water quality check for LTHW	1000	1000	0
3	Fire alarm replacement for original part of building with field wiring and devices replacement required	40000	0	0
4&5	Solenoid valve installation	5000	5000	0
4&5	AWC alarm	1000	1000	0
Salix	Lighting- general & emergency	120000	0	120000
Total		367000	7000	120000

Holybrook

Category	Item	Cost	School Funded	Salix
3	Distribution boards	5000	5000	0
Salix	Lighting-emergency & general	2000	0	2000
Total		7000	5000	2000

Katesgrove Primary

Category	Item	Cost	School Funded	Salix
2	Investigate low HWS temperature in Huntley & Plamer building	1000	1000	0
2	Thermal insulation installation in HWS/CWS in Simmonds building	7500	0	0
2	Thermal insulation installation in HWS/CWS in Trooper Potts building	7500	0	0
3	Boiler replacement in Trooper Potts building	75000	0	0
3	Boiler replacement in Simmonds building	75000	0	0
3	Distribution board replacement	3000	3000	0
3	Water quality check in LTHW in Nursery building	1000	1000	0
3	Water quality check in LTHW in Huntley and Palmer	1000	1000	0
4&5	Gas safety interlock in Simmonds building	5000	5000	0
4&5	Flexible connection removal in Simmonds building	1500	1500	0

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4&5	Flexible connection removal in Trooper Potts building	1500	1500	0
4&5	Flexible connection removal in Huntley & Palmer building	1500	1500	0
Salix	TRV, thermal insulation LTHW water quality check in Simmonds building	15000	0	15000
Salix	TRV, thermal insulation LTHW water quality check in Trooper Potts building	15000	0	15000
Salix	Lighting- general & emergency	5000	0	5000
Total		215500	15500	35000

Manor Primary

Category	Item	Cost	School Funded	Salix
1	New power supply	155000	0	0
1	Addition of low level louvres in upper & lower plant room doors/ openings	4000	0	0
3	Fire alarm	30000	0	0
3	Pipework insulation installation	6000	0	0
4&5	Final circuitry and distribution boards	15000	0	0
4&5	Mechanical ventilation installation to WCs	3500	3500	0
4&5	Flexible hose removal from WHBs and sinks	1000	1000	0
4&5	Gas safety system installation in lower plant room	5000	5000	0
4&5	TRV installation	500	500	0
Salix	Lighting replacement	5000	0	5000
Total		225000	10000	5000

Micklands Primary

Category	Item	Cost	School Funded	Salix
3	Final circuitry	10000	0	0
4&5	Extract fans	2500	2500	0
4&5	Service tails consumer breaker	250	250	0
Salix	Lighting- general	1500	0	1500
Total		14250	2750	1500

Moorlands Primary

Category	Item	Cost	School Funded	Salix
1	TMV installation	2500	0	0
3	Fire alarm system (new) required throughout	77000	0	0
3	LTHW pipework	140000	0	0
3	Calorifier	5000	5000	0
3	Radiator replacement	50000	0	0

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3	Final circuitry	30000	0	0
3	DHW pipework	80000	0	0
3	Main panel upgrade and replacement of distribution boards	76000	0	0
3	CWST tower	7500	0	0
3	Radiator valve replacement	8000	0	0
3	CWST tank	1500	1500	0
4&5	Shower mixer removal	500	500	0
4&5	Boiler flues	2000	2000	0
4&5	Ventilation	20000	0	0
Salix	Lighting- general & emergency	22000	0	22000
Total		522000	9000	22000

Newbridge Nursery

Category	Item	Cost	School Funded	Salix
1	Heater covers	25000	0	0
3	Radiator replacement	12500	0	0
3	Distribution board replacement	15500	0	0
3	Fire alarm	3000	3000	0
4&5	TMV installation and insulation	100	100	0
Total		56100	3100	0

Oxford Road Primary

Category	Item	Cost	School Funded	Salix
1	Remove redundant shower	750	750	0
1	DHW temperature investigation	500	500	0
1	TMV installation	2500	0	0
1	Boiler flues	2750	0	0
1	Heater covers	4000	0	0
1	AWC protective coverings	2350	0	0
1	Heater (LST) covers	2000	2000	0
3	LTHW pipework	160000	0	0
3	Radiator replacement	9000	0	0
3	Distribution boards and final circuitry	27300	0	0
3	Main panel board replacement	11250	0	0
3	Gas fired water heater	300	300	0
3	Boiler replacement	6000	0	0
3	TMV insulation	100	100	0
3	Fire alarm upgrade	10000	0	0
4&5	MCP	4000	4000	0
4&5	Gas distribution upgrade	3200	3200	0

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4&5	Ventilation	11600	0	0
4&5	Radiator valve replacement	1500	1500	0
Salix	Lighting replacement	25250	0	25250
Total		284350	12350	25250

Park Lane Infants

Category	Item	Cost	School Funded	Salix
2	H&CWS compliance	4750	0	0
3	Extract fans	3000	3000	0
3	Additional automatic fire protection	4500	4500	0
Total		12250	7500	0

Park Lane Juniors

Category	Item	Cost	School Funded	Salix
1	Hot and cold water pipework/TMVs	6000	0	0
3	Boiler plant replacement	130000	0	0
3	Extract fans	3000	3000	0
3	Additional automatic fire protection	4500	4500	0
3	Fire detection system	5000	5000	0
3	Pipework and radiator replacement	75000	0	0
Total		223500	12500	0

Redlands

Category	Item	Cost	School Funded	Salix
2	Water quality check	1000	1000	0
3	Main panel (distribution board) upgrade	12000	0	0
3	Distribution pipework replacement	150000	0	0
3	Distribution board replacement	22200	0	0
3	Fire alarm improvements	30000	0	0
4&5	Intruder alarm system improvements	6000	0	0
Total		221200	1000	0

Classification: OFFICIAL

Southcote

Category	Item	Cost	School Funded	Salix
1	TMV installation to pupil wc's	6000	0	0
3	Final distribution board replacement	5000	5000	0
3	Extract fan replacements in WC areas	6000	0	0
3	Small power/ lighting circuits	20000	0	0
3	Fan convector upgrade	30000	0	0
3	Fire alarm replacement	25000	0	0
4&5	Flexible hose/connection removal from WHBs and sinks	1000	1000	0
Salix	lighting-general & emergency	7000	0	7000
Salix	TRV installation on existing radiators	15000	0	15000
Total		115000	6000	22000

St Michaels Primary - works to be included within PSPB project

Category	Item	Cost	School Funded	Salix
2	Cold water service replacement and cws tank	48000	0	0
3	Boiler (kitchen), HWS cylinder and gas safety shut off	6000	0	0
3	Heating pipework & radiator replacement , valve & insulation	71000	0	0
3	Panel board & distribution board replacement	23500	0	0
3	Hot water services replacement	41000	0	0
3	Electrical wiring replacement	70000	0	0
3	Fire alarm system replacement	50000	0	0
4&5	Heating & HWS boiler replacement	60000	0	0
Salix	Lighting- general & emergency	50000	0	50000
Total		419500	0	50000

Thameside Primary

Category	Item	Cost	School Funded	Salix
3	Water heater replacements	2000	2000	0
3	Distribution pipework	120000	0	0
3	Distribution boards replacement and MCBs obsolete	18000	0	0
3	Extract fan replacement	7500	0	0
3	LTHW pipework replacement	175000	0	0
3	Primary heat source protection	7500	0	0
3	TMV relocation	1600	1600	0
3	Radiator replacements	50000	0	0
4&5	Lighting- luminaire replacement to stores & toilets	6000	0	0
4&5	Ventilation	2500	2500	0
Salix	Radiator valve replacements	6000	0	6000
Total		396100	6100	6000

The Hill Primary

Category	Item	Cost	School Funded	Salix
1	External drinking water fountain removal/replacement	1000	1000	0
	Ventilation to gas meter room	500	500	0
2	Dead leg removal	2000	2000	0
3	Boiler replacements	100000	0	0
3	Main switchgear upgrade and replacement of distribution boards	50000	0	0
3	LTHW pipework, radiator and fan convactor etc. replacements	75000	0	0
3	Heating improvements to Class 4N	10000	0	0
3	Review expansion provision of local electric hot water heaters	1000	1000	0
3	Water quality check for LTHW	1000	1000	0
3	Thermal insulation installation	10000	0	0
3	Fire alarm	7000	0	0
4&5	Gas safety interlock installation in kitchen plant room	2500	2500	0
4&5	Flexible connection removal	5000	5000	0
Salix	Lighting replacement	7000	0	7000
Total		272000	13000	7000

The Ridgeway Primary

Category	Item	Cost	School Funded	Salix
3	Service head tails	1000	1000	0
3	Small power/ lighting circuits	10000	0	0
3	Extract fan	500	500	0

3	Lighting - emergency	1000	1000	0
3	CCTV cabling and cameras	1250	1250	0
4&5	Remove existing plant	3500	3500	0
Total		17250	7250	0

Whitley Park Primary

Category	Item	Cost	School Funded	Salix
1	Addition of high & low level louvres in lower plant room doors	3000	0	0
3	Replacement of corroded/faulty valves and pumps within lower plant room	15000	0	0
3	Panel board and distribution board replacement	38000	0	0
3	Upgrade/replacement of upper plant room due to age and poor condition	75000	0	0
3	Data cabinet relocation	6000	0	0
3	Fire alarm improvements	25000	0	0
3	Pipework insulation installation	8000	0	0
4&5	Flexible hose removal from whb's & sinks	1000	1000	0
4&5	Gas safety system installation in upper plant room	5000	5000	0
4&5	TRV installation	500	500	0
Salix	Lighting general & emergency	14000	0	14000
Total		190500	6500	14000

Wilson Primary

Category	Item	Cost	School Funded	Salix
3	Replacement of corroded/faulty valves, pumps and pipework within existing North Block plant room	15000	0	0
3	Distribution board replacement	5000	5000	0
3	Pipework insulation installation	2500	2500	0
4&5	Flexible hose removal from whb's & sinks	2500	2500	0
Total		25000	10000	0

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