

Description

- ◆ A £2m, 2600m² office refurbishment for use by Somerset County Council
- ◆ Complete replacement of the services to all office areas and data centre cooling system
- ◆ Full design of all M&E services, integrating into existing building
- ◆ Data centre design and installation to ensure all existing systems operated until new systems were installed, commissioned and ready to operate.

Involvement

- ◆ Two new gas fired boiler plants serving new concealed radiator system integrated with perimeter casing system with electrical distribution
- ◆ Natural ventilation in offices, mechanical in toilet and kitchenette areas
- ◆ Hot and cold water supplies to refurbished welfare facilities
- ◆ Full close control air conditioning to data centre, using DX units. Options restricted due to existing computer/server equipment being reused, requiring strict temperature limits, lack of space and no down time permitted
- ◆ Load estimates and infrastructure review and site diversions to accommodate the works
- ◆ A complete new energy efficient lighting and emergency installation was provided throughout the areas, being controlled via a modern intelligent lighting control system.



Benefits Delivered

- ◆ Worked collaboratively with the contractor and integrated design team to deliver high spec office space within tight budget constraints
- ◆ New heating system with improved comfort control to replace life expired poorly controlled heating systems
- ◆ The extensive upgrade of toilet and kitchenette with new domestic services, ventilation and modern facilities delivering improved employee satisfaction of their workplace
- ◆ Replacement of existing inefficient and non-compliant lighting systems with modern standards, to provide a positive, motivating light atmosphere creating a productive and pleasant office environment.



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