

London Borough of Bromley

Report No.
CSD17046

PART 1 - PUBLIC

Title:	POST COMPLETION REVIEW - CIVIC CENTRE RE-CABLING SCHEME		
	Resources Portfolio Holder		
	For Pre-Decision Scrutiny by the Executive and Resources PDS Committee on:		
	15th March 2016		
Decision Type:	Non-Urgent	Executive	Non-Key
Budget/Policy Framework:	Within policy and budget		
Chief Officer:	Director of Corporate Services		
Contact Officer:	Stuart Elsey, Head of ICT Tel: 020 8313 4542 Email: stuart.elsey@bromley.gov.uk		
Ward:	N/A		

1. SUMMARY

- 1.1 As part of the Capital Programme Procedures it is a requirement that schemes should be formally reviewed within one year of completion and the outcome of this review be brought to the Portfolio Holder for endorsement.

2. RECOMMENDATIONS

- 2.1 **That the Portfolio Holder endorses the findings of the Post Completion Reviews that have been carried out in respect of the Civic Centre re-cabling Scheme**

3. COMMENTARY

3.1 The Capital Programme Procedures require that a post completion review be carried out within 12 months of the completion of schemes that are included within the programme. This process is designed to determine the Authority's performance in the following key area;

- Were the original scheme objectives achieved?
- Were the scheme costs contained within the original budget?
- Did the scheme complete on time?
- What was the level of customer satisfaction from the end user with the overall process?

3.2 The information set out in the appendices shows the above information for Civic Centre re-cabling Scheme

3.3 The scheme completed within budget and the original contract programme was met. A full analysis of the project is contained within the appendix.

4. POLICY IMPLICATIONS

4.1 One of the main aims of the Council's Asset Management Plan is to ensure that all the partners in the asset management planning processes are fully consulted on the process and its outcomes. Progression of the Civic Centre re-cabling Scheme will assist in meeting one of the key outcomes of an excellent council

5. FINANCIAL IMPLICATIONS

5.1 This report provides information on a Post Completion Review that has been carried out in respect of Civic Centre re-cabling Scheme There are no financial implications arising from the matters addressed in this report.

Non-Applicable Sections:	Personnel and Legal Implications
Background Documents: (Access via Contact Officer)	

Bromley ICT Civic Centre Cabling Renewal

Scheme Details

1. As part of a strategic work program the cabling at the civic was assessed for its suitability to support unified communications and faster bandwidth to improve network speed across the campus. The results were that much of the cabling was of an older standard (Cat 3 & 4) with a variety of wiring types and quality used. In order to maximise the benefits we had a need to upgrade the wiring across the civic centre as a whole.

Scheme History

2. In 2006 the head of ICT submitted a capital scheme bit for funding to upgrade the cabling to a suitable level. This was agreed and work commenced in 2008. The work was planned but also took into consideration any planned refurbishments of buildings.
3. One of the biggest challenges is that cabling is an incredibly disruptive process and much of this had to be done with minimal impact to users who had to remain working at all times. Some buildings where straightforward to cabling was installed as buildings were refurbished. This has meant that the project has had to be fluid and responsive to other works meaning as there was slippage in the refurbishment process this extended the timescales. In addition to this the initial investigation had concentrated on the copper wiring, as we progressed new standards came out for fibre allowing us faster speeds along with longer transmission lengths. As we had saved money in the refurbished area's it was possible to fund the new resilient high speed fibre cabling from the comms rooms to the new data centre, thus increasing performance.

	Original Estimate	Actual Expenditure	Variance
Civic Centre Re-cabling scheme	£400,000	£400,002.13	+£ 2.12

The project has come in on budget albeit, literally, a few pounds over budget due to a coding error. This will be rectified and the scheme will come in a few pounds under budget.

Running Costs

4. N/A

Scheme Objectives

5. The objective of the scheme was to provide a much improved network infrastructure throughout the civic centre to allow modern telephony and ICT communications to be installed and work efficiently

Assessment of Scheme Success

6. The scheme objectives have been met and the Authority has been running with greater speed and resilience at a network level. We have had minimal problems with the new cabling, the only incidents have been 3rd parties, such as cables being cut or drilled

through. ||We have been able to complete the windows 7 and Lync projects which have been successful and have not suffered any performance issues due to network constraints.

Assessment of Contract Efficiency

7. Contract period: 2 years
Start Date: September 2008
Practical Completion: August 2014
Over-run: 5 years

Unfortunately the start of the project was delayed then run into office refurbishment constraints; however this did work in our favour as we minimised wasted cost and effort as we did not rip out new cabling in building such as Northblock which were completely refurbished. There was an initial large push to upgrade the coper infrastructure where it was out of date and the buildings were not being refurbished. The next tranche was the refurbished buildings with the final stage being work required to support the Lync rollout and add additional functionality where required.

The cabling was done to a high standard throughout by the contractors and there have been no call back to fix faulty workmanship.

In terms of timescales, unfortunately a lot of the history has been lost as people that started the project are no longer with Bromley, therefore we are unable to give full details of the early stages and what had originally been planned, however the later stages were progressed and worked around the constraints of other work.

In terms of user feedback cabling is not something that the users comment on, however it is a vital piece of the infrastructure and overall this piece of work is an essential foundation building block to the user experience as a whole. Recently there has been a much greater level of stability within the LBB environment which has been noticed and commented on in a positive way by a variety of LBB staff

Outstanding Issues and Their Proposed Resolution

8. There are no outstanding issues.