School of the Built Environment
Higher Diploma in Quantity Surveying

Commercial Management
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Part 1: The Module
Introduction

The module addresses key issues of quantity surveying practice for both private practice and contractor’s Surveyors. The focus is on financial management processes with particular reference to contract cost management.

Module Aims

The module highlights key issues pertinent to the financial management of contracts from pre contract stages through to final account, identifying and applying techniques necessary for effective financial control.

Learning Outcomes and Competencies

On completion of the module, the student should be able to:

- Apply construction law principles to the financial administration of construction contracts
- Prepare interim certificates and final accounts for construction projects
- Describe cost reporting procedures and prepare cost reports

Indicative Content

- Measuring variations
- Interim valuations and certificates
- Final account preparation and management
- Cost reporting
- Contractors cost monitoring
- Cost/value reconciliation

Teaching and Learning Strategy

The module is delivered through keynote lectures and tutorials. The tutorial activities will provide opportunities to practice the application of techniques introduced in the lectures.
Students Responsibilities

You are required to read carefully this study guide and any relevant study material that would be given out. Part two of this Study guide contains a summary of keynote lectures to be delivered. Additional notes and other material will be provided on XStream. Note that it is your responsibility to ensure that you access this additional material on XStream.

Key Skills

- Creativity and Application
- Personal Skills

Assessment

The module will be assessed by both coursework and end examination. The assessment weighting are as follows

- Coursework: 40%
- Examination: 60%

Assessment Regulations

Students are required to achieve an average mark of at least 40% to satisfactorily pass this module.

All other assessment regulations will be in accordance with the standard Assessment Regulations.

University rules regarding late submission of course work will be strictly applied. Any student who is unable to submit the coursework at the required time must see the Module Tutor prior to the submission date to discuss their position.

Failure of computer hardware and/or software (Your own or the University's) and/or corruption of material on your disc are NOT valid reasons for late submission of coursework. It is therefore in your own interest to ensure that you take regular back up copies of your work on floppy disc.
Indicative Reading

Below is the indicative reading list.

**Recommended Books**

**Additional Reading**
Joint Contracts Tribunal, (2005), *Standard Building Contract with Quantities*, Sweet and Maxwell Ltd (Online access available)
## Programme

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture Topic</th>
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<tbody>
<tr>
<td>Monday: 09/11/2009</td>
<td>Session 1: Introduction to Commercial Management</td>
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<td>Session 2: Budgeting and Cash Flow Forecasting</td>
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<tr>
<td>Tuesday: 10/09/2009</td>
<td>Session 3: Interim Valuations</td>
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<tr>
<td></td>
<td>Session 4: Variations &amp; Fluctuations</td>
</tr>
<tr>
<td>Wednesday: 11/09/2009</td>
<td>Session 5: Contractual Claims</td>
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<td>Session 6: Final Accounts</td>
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<tr>
<td>Thursday: 12/09/2009</td>
<td>Session 7: Cost Monitoring &amp; Control</td>
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<td>Session 8: Cost Value Reconciliation</td>
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<tr>
<td>Friday: 13/09/2009</td>
<td>Session 9: Contracts And Procurement</td>
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<td>Session 10: Assessment Briefing, Module Evaluation &amp; Feedback</td>
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</table>
Part 2: Keynote Lecture Outlines
Session 1: Commercial Management-An Overview

The commercial management function in a construction organisation will be introduced. An overview of the commercial management processes will be provided and the critical role of contractors QS will be discussed. The session will also address the selection of contractors on projects.

Objectives

- To give an overview of the need for effective commercial management
- To highlight the role of commercial management in a construction organisation.

Key Issues to be addressed

- Definition-commercial management
- Emerging role
- Overview of commercial management processes
- Contractor Selection

Expected Outcomes

At the end of the session, it is expected that students will be able to;

- Define commercial management
- Give an overview of the processes involved
- Explain the role of commercial management in a contractors organisation
- Identify the role of the contractor’s quantity surveyor in commercial management
- Explain key issues in the selection of contractors on construction projects

Recommended Reading

Walker I and Wilkie R (2002), Commercial Management in Construction, Blackwell (Chapter 1)
Session 2: Budgeting & Cash-Flow Forecasting

This lecture will introduce budgeting and cash flow forecasting as tools for effective commercial management on construction projects. The focus is on the role of the Contractor’s Quantity Surveyor/Commercial Manager in the development of project budgets and cash flow forecasting.

Objectives

- To address issues of budgeting and forecasting in contracting organisation.

Key Issues to be addressed

- Budgeting and forecasting-overview
- Financial analysis
- Cash flow forecasting

Expected Outcomes

At the end of the session, it is expected that students will be able to

- Appreciate the role of budgeting and forecasting in construction projects
- Explain the components of a budget
- Appreciate methods of cash flow forecasting
- Prepare a project cash flow forecast

Recommended Reading

Walker I and Wilkie R (2002), Commercial Management in Construction, Blackwell (Chapter 2)

Session 3: Interim Valuations
Interim valuations will be introduced and both the role of the Contractor’s Quantity Surveyor and the process and practices involved in valuation of construction work will be examined.

Objectives
• To provide an overview of the process involved in the preparation of interim valuations

Key Issues to be addressed
• Interim valuations & Certificates
• Responsibility of the Contractors QS
• Subcontracting
• Timing of Interim valuations
• Payment of subcontract work
• Components of an Interim valuations

Expected Outcomes
At the end of the session, it is expected that students will be able to
• Explain the provisions in standard forms of contract for payment of work
• Identify the provisions in the standard forms of contract for subcontracting of work
• Differentiate between payment methods
• Identify the components of an interim valuation
• Measure & value work done on a construction project

Recommended Reading
Walker I and Wilkie R (2002), Commercial Management in Construction, Blackwell (Chapter 3)
Joint Contracts Tribunal, (2005), Standard Building Contract with Quantities, Sweet and Maxwell Ltd
Session 4: Variations & Fluctuations

This will be a follow up to lecture three and will focus on the valuation of variations. The lecture will also address fluctuations of costs and prices on a construction project.

Objectives

- To show how variations are measured and valued for inclusion in a valuation
- To show how fluctuations in costs and prices are accounted for in construction contracts

Key Issues to be addressed

- Variations
- Measurement of variations
- Valuation of variations
- Fluctuations

Expected Outcomes

At the end of the session, it is expected that students will be able to

- Define variations
- Identify the provisions in standard forms of contract for measurement and valuation of variations
- Identify the provisions in standard forms of contract for dealing with fluctuation of costs and prices
- Explain methods of valuing variations

Recommended Reading

Walker I and Wilkie R (2002), Commercial Management in Construction, Blackwell (Chapter 3)
Joint Contracts Tribunal, (2005), Standard Building Contract with Quantities, Sweet and Maxwell Ltd
Session 5: Contractual issues

This lecture will address various contractual issues including, contractual claims, extension of time, loss and/or expenses and certificates & notices.

Objectives

- To address some contractual issues such as extension of time, loss and/or expense and certificates & notices
- To discuss the cost implications of the above contractual issues

Key Issues to be addressed

- Contractor’s claims
- Extension of time
- Loss and/or expenses
- Certificates & Notices

Expected Outcomes

At the end of the session, it is expected that students will be able to

- Discuss the different types of contractor’s claims
- Discuss in detail claims for loss and/or expense and extension of time
- Appraise the cost implications of contractual claims
- Identify the contractual provisions for certificates and notices in main contracts and subcontract forms.
- Appreciate the financial and cost implications of certificates and notices.

Recommended Reading

Walker I and Wilkie R (2002), *Commercial Management in Construction*, Blackwell (Chapter x)


Joint Contracts Tribunal, (2005), *Standard Building Contract with Quantities*, Sweet and Maxwell Ltd
Session 6: Final Account Preparation

This lecture will focus on the Contractor Quantity Surveyor’s role in the preparation of a final account.

Objectives
- To show how a final account is prepared

Key Issues to be addressed
- Role of the Contractor’s Quantity Surveyor
- Final accounting

Expected Outcomes
At the end of the session, it is expected that students will be able to
- Discuss the components of a final account
- Discuss the Contractor’s Quantity Surveyor’s role in the preparation of a final account
- Discuss the process involved in preparation of a final account

Recommended Reading
Walker I and Wilkie R (2002), Commercial Management in Construction, Blackwell (Chapter 4)
Joint Contracts Tribunal, (2005), Standard Building Contract with Quantities, Sweet and Maxwell Ltd
Session 7: Cost Monitoring and Control

This Lecture will examine the Contractor’s cost monitoring and control process during the execution of the project. Cost monitoring and control is important for the Contractor to achieving the desired project financial outcomes.

Objectives

• To address issues of project cost monitoring on construction projects

Key Issues to be Addressed

• Cost monitoring and control process
• Budgetary Control
• Cost reporting

Expected Outcomes

At the end of the session, it is expected that students will be able to

• Appreciate the need for effective cost monitoring and control
• Discuss the processes involved in cost monitoring and control
• Identify methods of cost reporting
• Prepare a cost report

Session 8: Cost Value Reconciliation

Cost value reconciliation is an important tool, which aims to help Contractors determine their financial positions. Building on the previous lectures this lecture will provide a methodical approach in the reconciliation of cost and value on a construction project.

Objectives

- To show how a cost value reconciliation can be carried out

Key Issues to be Addressed

- Cost and value
- Cost value reconciliation

Expected Outcomes

At the end of the session, it is expected that students will be able to

- Define cost value reconciliation
- Identify the key components of a cost value reconciliation
- Prepare a cost value reconciliation
- Appreciate the relationship between budgets, forecast, payments and cost value reconciliation

Recommended Reading

Walker I and Wilkie R (2002), Commercial Management in Construction, Blackwell (Chapter 5)
Session 9: Contracts and Procurement Issues

This lecture will examine current procurement issues and their influence on the commercial management of construction projects. In particular partnering will be discussed as an innovative approach to procurement.

Objectives

- To address the impact of procurement changes, in the construction industry, on commercial management functions.

Key Issues to be addressed

- Procurement options
- Financial and cost implication
- Impact on commercial management functions.

Expected Outcomes

At the end of the session, it is expected that students will be able to

- Appreciate changes taking place to procurement of construction projects and the effect on commercial management
- Appreciate the financial and cost implications of procurement options on construction projects

Recommended Reading

Walker I and Wilkie R (2002), Commercial Management in Construction, Blackwell (Chapter 7)
Session 10: Feedback and Module Evaluation

Further assessment information will be provided in this session. In addition the session will seek to gather feedback from students concerning their learning on the course.
Appendix A: Coursework Brief

Higher Diploma in Quantity Surveying Mauritius

Commercial Management

Introduction

The coursework for this module seeks to develop students understanding of various commercial management issues. The coursework tasks relate to the ‘Proposed Office Building’ of which the priced bill of quantities is included in the module handbook. Students should assume that the rates included in the BOQ include a 10% mark-up for overhead and profit. In order to answer the set tasks, students will take the role of a contractor’s quantity surveyor running the project. The coursework tasks will be released in stages to mirror the project progress.

Scheme of work

Below is a schedule showing the timing of the release of coursework tasks. Please note that details for the set tasks will be released on Xstream only by the set date.

- Monday: Task 1- Cash flow forecasting (15%)
- Tuesday: Task 2- Interim valuation (10%)
- Wednesday: Task 3- Contractual claims (5%)
- Thursday: Task 4- Cost control (10%)

Submission

All work should be submitted in a portfolio by the due date. In addition an electronic copy of all your work should be submitted to Xstream which may be checked against plagiarism software. The assignment will be deemed not submitted until both the hard copy and the electronic copy have been received.

Assessment Criteria

Marks will be awarded for showing understanding of theoretical concepts, application, accuracy of calculations, appropriate use of spreadsheets and presentation.

Hand In Date

TBA
Appendix B: Bill of Quantities

This Bill of Quantities will be used in several examples and exercises.
School of the Built Environment

Module: Commercial Management
Programme: HND Quantity Surveying
Year: 2

Bill of Quantities - For proposed office building

Note: This Bill of Quantities should only be used in relation to the HND Commercial Management Module
<table>
<thead>
<tr>
<th>Bill No. 3-Proposed Office Building</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GROUNDWORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D20 EXCAVATING AND FILLING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Excavating</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>To reduce levels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 0.25m maximum depth</td>
<td>14</td>
<td>m3</td>
<td>0.96</td>
<td>13.80</td>
</tr>
<tr>
<td>Pits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B 2.00m maximum depth; in compacted excavated or filled ground; from formation level; 1 nr</td>
<td>19</td>
<td>m3</td>
<td>11.22</td>
<td>215.40</td>
</tr>
<tr>
<td>C 4.00m maximum depth; in compacted excavated or filled ground; from formation level; 43 nr</td>
<td>684</td>
<td>m3</td>
<td>11.22</td>
<td>7673.45</td>
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<td>D Trenches; exceeding 300 wide c 1.00m maximum depth; in compacted excavated or filled ground; from formation level</td>
<td>77</td>
<td>m3</td>
<td>8.02</td>
<td>615.86</td>
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<td>Working space allowance to excavations</td>
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<tr>
<td>E Pits; backfilling with hardcore</td>
<td>31</td>
<td>m2</td>
<td>44.55</td>
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<td>Earthwork support</td>
<td></td>
<td></td>
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<tr>
<td>To faces of excavation</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>F 1.00m maximum depth; distance between opposing faces not exceeding 2m</td>
<td>343</td>
<td>m2</td>
<td>0.72</td>
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<td>G 2.00m maximum depth; distance between opposing faces 2 to 4m</td>
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<td>m2</td>
<td>1.44</td>
<td>45.07</td>
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<td>H 4.00m maximum depth; distance between opposing faces not exceeding 2m</td>
<td>1421</td>
<td>m2</td>
<td>2.89</td>
<td>4104.69</td>
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<td>J 4.00m maximum depth; distance between opposing faces 2 to 4m</td>
<td>94</td>
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<td>Disposal</td>
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<td>Surface water</td>
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<td></td>
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<tr>
<td>K Generally Item</td>
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<td>Excavated material</td>
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<td>782</td>
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<td>Description</td>
<td>Qty</td>
<td>Unit</td>
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<td>-----------------------------------------------------------------------------</td>
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<td>Selected excavated material</td>
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<td>Filling to make up levels</td>
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<td></td>
<td></td>
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<tr>
<td>A Over 250 average thick; arising from the excavations</td>
<td>1704</td>
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<td>2323.40</td>
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<td>DOT Type 1 granular material</td>
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<td>Filling to excavations</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Not exceeding 250 average thick</td>
<td>5</td>
<td>m³</td>
<td>1.36</td>
<td>6.54</td>
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<tr>
<td>Filling to make up levels - Site Material</td>
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<tr>
<td>C Not exceeding 250 average thick</td>
<td>305</td>
<td>m³</td>
<td>1.36</td>
<td>415.59</td>
</tr>
<tr>
<td>Surface treatments</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Compacting ground</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>D Proof rolling to SE Spec</td>
<td>2030</td>
<td>m²</td>
<td>0.19</td>
<td>383.75</td>
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<td>Levelling and compacting ground or compacted fill; testing to the satisfaction of the Structural Engineer</td>
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<td>E To form working plateau</td>
<td>2779</td>
<td>m²</td>
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<td>Compacting bottoms of excavation</td>
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<td>F To receive concrete</td>
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<td>m²</td>
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<td>Compacting DOT Type 1 filling</td>
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<td>G Blinding with sand to receive dpm</td>
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<td>m²</td>
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<td>IN SITU CONCRETE / LARGE PRECAST CONCRETE</td>
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<td>E10 MIXING/CASTING/CURING IN SITU CONCRETE</td>
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<tr>
<td>Plain; GEN 1; Spec F30/110A</td>
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<tr>
<td>Filling hollow walls</td>
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<td></td>
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<tr>
<td>H Not exceeding 150 thick</td>
<td>17</td>
<td>m³</td>
<td>112.02</td>
<td>1881.99</td>
</tr>
<tr>
<td>Plain; grade C30</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Foundations</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>J Poured on or against earth or unblinded hardcore</td>
<td>444</td>
<td>m³</td>
<td>91.80</td>
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<td>Isolated foundations</td>
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<td>K Poured on or against earth or unblinded hardcore</td>
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### E10 MIXING\CASTING\CURING IN SITU CONCRETE (Cont'd)

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<td>A Not exceeding 150 thick; poured on or against earth or unblinded hardcore; blinding</td>
<td>7</td>
<td>m3</td>
<td>91.80</td>
<td>660.96</td>
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<tr>
<td>B Reinforced; grade C30 Ground beams</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Poured on or against earth or unblinded hardcore</td>
<td>58</td>
<td>m3</td>
<td>93.73</td>
<td>5398.88</td>
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<tr>
<td>C 150 to 450 thick</td>
<td>425</td>
<td>m3</td>
<td>107.38</td>
<td>45614.60</td>
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<tr>
<td>D 150 to 450 thick</td>
<td>5</td>
<td>m3</td>
<td>107.84</td>
<td>517.62</td>
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<td>E Reinforced in excess of 5%</td>
<td>14</td>
<td>m3</td>
<td>130.28</td>
<td>1875.96</td>
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<tr>
<td><strong>Stanchion bases</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>G Generally</td>
<td>127</td>
<td>Nr</td>
<td>11.22</td>
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### E20 FORMWORK FOR IN SITU CONCRETE

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<th>Description</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formwork: basic finish</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sides of ground beams and edges of beds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H Not exceeding 250 high</td>
<td>24</td>
<td>m</td>
<td>7.13</td>
<td>171.07</td>
</tr>
<tr>
<td>J 250 to 500 high</td>
<td>161</td>
<td>m</td>
<td>12.91</td>
<td>2075.28</td>
</tr>
<tr>
<td>K Vertical</td>
<td>24</td>
<td>m2</td>
<td>52.49</td>
<td>1259.71</td>
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<tr>
<td>Isolated columns casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L Rectangular; 400 x 400; 14nr</td>
<td>14</td>
<td>m</td>
<td>106.60</td>
<td>1534.98</td>
</tr>
<tr>
<td>M Rectangular; 500 x 450; 29nr</td>
<td>31</td>
<td>m</td>
<td>126.59</td>
<td>3949.59</td>
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<tr>
<td>Carried to Bill Nr 3 Summary £</td>
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<td>E20 FORMWORK FOR IN SITU CONCRETE (Cont'd)</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>-----</td>
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<tr>
<td>Formwork: basic finish (Cont'd)</td>
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<tr>
<td><strong>A</strong> Rectangular; 1200 x 600; 2nr</td>
<td>2</td>
<td>m</td>
<td>239.85</td>
<td>575.65</td>
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<tr>
<td><strong>B</strong> Plain rectangular 275 x 300</td>
<td>53</td>
<td>m</td>
<td>16.02</td>
<td>846.09</td>
</tr>
<tr>
<td><strong>C</strong> 500 to 1000 girth; 250 to 500 deep; fixing only holding down bolts and plates supplied by the Steelwork Sub-Contractor (PROVISIONAL)</td>
<td>581</td>
<td>Nr</td>
<td>41.67</td>
<td>24204.55</td>
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<tr>
<td>Formwork: fair finish</td>
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<td></td>
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<tr>
<td><strong>D</strong> Vertical</td>
<td>24</td>
<td>m²</td>
<td>58.66</td>
<td>1407.78</td>
</tr>
<tr>
<td><strong>E</strong> Not exceeding 200 thick</td>
<td>5</td>
<td>m²</td>
<td>48.53</td>
<td>232.96</td>
</tr>
<tr>
<td><strong>F</strong> 1242 wide; string 325 wide; waist 175 wide; junction with wall</td>
<td>12</td>
<td>m</td>
<td>197.21</td>
<td>2366.50</td>
</tr>
<tr>
<td><strong>G</strong> Not exceeding 250 high</td>
<td>58</td>
<td>m</td>
<td>10.42</td>
<td>600.31</td>
</tr>
<tr>
<td>E30 REINFORCEMENT FOR IN SITU CONCRETE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>H</strong> 8 nominal size; links</td>
<td>1.10</td>
<td>t</td>
<td>1053.81</td>
<td>1159.19</td>
</tr>
<tr>
<td><strong>J</strong> 10 nominal size</td>
<td>0.79</td>
<td>t</td>
<td>813.40</td>
<td>644.21</td>
</tr>
<tr>
<td><strong>K</strong> 10 nominal size; in staircases</td>
<td>0.10</td>
<td>t</td>
<td>835.03</td>
<td>80.16</td>
</tr>
<tr>
<td><strong>L</strong> 10 nominal size; links</td>
<td>0.43</td>
<td>t</td>
<td>835.03</td>
<td>360.73</td>
</tr>
<tr>
<td><strong>M</strong> 12 nominal size; anti-crack bars</td>
<td>0.22</td>
<td>t</td>
<td>746.89</td>
<td>161.33</td>
</tr>
<tr>
<td><strong>N</strong> 12 nominal size; in staircases</td>
<td>0.24</td>
<td>t</td>
<td>746.89</td>
<td>179.25</td>
</tr>
<tr>
<td><strong>P</strong> 16 nominal size</td>
<td>2.06</td>
<td>t</td>
<td>746.89</td>
<td>1541.58</td>
</tr>
<tr>
<td><strong>Q</strong> 20 nominal Size</td>
<td>0.31</td>
<td>t</td>
<td>641.10</td>
<td>200.02</td>
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<td>Carried to Bill Nr 3 Summary £</td>
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## E30 REINFORCEMENT FOR IN SITU CONCRETE (Cont’d)

<table>
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<tbody>
<tr>
<td>A 25 nominal size</td>
<td>4.44</td>
<td>t</td>
<td>641.10</td>
<td>2846.49</td>
</tr>
<tr>
<td>B Ref A393; in beds</td>
<td>2138</td>
<td>m</td>
<td>6.33</td>
<td>13539.28</td>
</tr>
<tr>
<td>C Ref A393; in beds; strips in one width 1200 wide</td>
<td>65</td>
<td>m</td>
<td>7.94</td>
<td>514.38</td>
</tr>
<tr>
<td>D Ref A393; in beds; strips in one width 1800 wide</td>
<td>29</td>
<td>m</td>
<td>9.61</td>
<td>276.83</td>
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## E40 DESIGNED JOINTS IN SITU CONCRETE

### Joints

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 150 to 300 deep; isolation joint; 12 thick Aerofil OSA filler; 12 x 12 plastic sealant; SE drawing S-HB-0001</td>
<td>492</td>
<td>m</td>
<td>6.94</td>
<td>3413.99</td>
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</table>

## E41 WORKED FINISHES/CUTTING TO IN SITU CONCRETE

### Treating unset surfaces

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F Horizontal</td>
<td>2030</td>
<td>m2</td>
<td>1.92</td>
<td>3892.28</td>
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<tr>
<td>G Horizontal</td>
<td>24</td>
<td>m2</td>
<td>2.82</td>
<td>67.72</td>
</tr>
<tr>
<td>H Treads; 300 wide</td>
<td>50</td>
<td>m</td>
<td>1.20</td>
<td>60.56</td>
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<tr>
<td>J Horizontal</td>
<td>756</td>
<td>m2</td>
<td>3.52</td>
<td>2663.77</td>
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## E60 PRECAST/COMPOSITE CONCRETE DECKING

### Precast floors: Performance Specified Work

<table>
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<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>K Fixing at first floor level; trimming around stair well and lift shaft</td>
<td>550</td>
<td>m2</td>
<td>52.50</td>
<td>28854.82</td>
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Carried to Bill Nr 3 Summary £
<table>
<thead>
<tr>
<th>Description</th>
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<th>Amount (£)</th>
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<tbody>
<tr>
<td><strong>MASONRY</strong></td>
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<tr>
<td><strong>F10 BRICK/BLOCK WALLING</strong></td>
<td></td>
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</tr>
<tr>
<td>Facing brickwork; Spec F10/110A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Walls</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 103 thick facework and pointing one side</td>
<td>1198</td>
<td>m2</td>
<td>56.61</td>
<td>67790.75</td>
</tr>
<tr>
<td>Facing brickwork; Spec F10/120</td>
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<tr>
<td><strong>Walls</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B 103 thick facework and pointing one side</td>
<td>166</td>
<td>m2</td>
<td>56.61</td>
<td>9373.87</td>
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<tr>
<td>Closing cavities</td>
<td></td>
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<tr>
<td>C 100 wide; vertical</td>
<td>540</td>
<td>m</td>
<td>12.65</td>
<td>6830.73</td>
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<tr>
<td><strong>Blockwork; Spec F10/250A</strong></td>
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</tr>
<tr>
<td>Walls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D 100 thick; facework one side</td>
<td>156</td>
<td>m2</td>
<td>22.44</td>
<td>3500.17</td>
</tr>
<tr>
<td><strong>E 140 thick; facework one side</strong></td>
<td>554</td>
<td>m2</td>
<td>27.24</td>
<td>15103.52</td>
</tr>
<tr>
<td><strong>F 140 thick; facework both sides</strong></td>
<td>569</td>
<td>m2</td>
<td>28.85</td>
<td>16409.60</td>
</tr>
<tr>
<td><strong>G 200 thick; two 100 thick skins including stainless steel ties between skins; facework one side</strong></td>
<td>144</td>
<td>m2</td>
<td>46.48</td>
<td>6693.19</td>
</tr>
<tr>
<td><strong>Blockwork; Spec F10/350A</strong></td>
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</tr>
<tr>
<td>Walls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H 100 thick</td>
<td>1555</td>
<td>m2</td>
<td>20.83</td>
<td>32395.59</td>
</tr>
<tr>
<td><strong>J 140 thick</strong></td>
<td>2323</td>
<td>m2</td>
<td>25.65</td>
<td>59590.08</td>
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<td><strong>F30 ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/STONE WALLING</strong></td>
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</tr>
<tr>
<td>Sundries</td>
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<tr>
<td>Forming cavities in hollow walls; stainless steel wall ties and insulation supports; Spec F30/213A</td>
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</tr>
<tr>
<td>K 100 wide</td>
<td>1510</td>
<td>m2</td>
<td>1.98</td>
<td>2995.80</td>
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<tr>
<td><strong>Cavity insulation; Celotex CW 2029; Spec F30/151A</strong></td>
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<tr>
<td>L 38 thick</td>
<td>1510</td>
<td>m2</td>
<td>6.41</td>
<td>9680.31</td>
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<tr>
<td><strong>Proprietary insulated cavity closers</strong></td>
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<tr>
<td>M 62 x 90; horizontal</td>
<td>324</td>
<td>m</td>
<td>7.64</td>
<td>2475.68</td>
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<td>Carried to Bill Nr 3 Summary £</td>
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<td>Amount (£)</td>
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<tr>
<td>BRICK/BLOCK/STONE WALLING (Cont'd)</td>
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<tr>
<td>Sundries (Cont'd)</td>
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<tr>
<td>A 62 x 90; vertical</td>
<td>540</td>
<td>m</td>
<td>8.02</td>
<td>4330.26</td>
</tr>
<tr>
<td>Vertical ties; stainless steel; ACS</td>
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<tr>
<td>B 2000 long ties; in cavity; one end to steelwork; two way sliding ties at 225 centres, building into horizontal joints</td>
<td>173</td>
<td>Nr</td>
<td>27.24</td>
<td>4707.59</td>
</tr>
<tr>
<td>Weep holes; Spec F30/132A</td>
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<tr>
<td>C 100 wide</td>
<td>494</td>
<td>Nr</td>
<td>1.61</td>
<td>794.25</td>
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<tr>
<td>Damproof courses; Spec F30/330A</td>
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<tr>
<td>On surfaces</td>
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</tr>
<tr>
<td>D Not exceeding 225 wide; horizontal</td>
<td>96</td>
<td>m2</td>
<td>14.43</td>
<td>1385.42</td>
</tr>
<tr>
<td>E Not exceeding 225 wide; vertical</td>
<td>60</td>
<td>m2</td>
<td>14.43</td>
<td>865.89</td>
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<tr>
<td>Damp proof courses; Spec F30/345A</td>
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<tr>
<td>Cavity trays; including pre-formed angles and ends</td>
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<tr>
<td>F Over 225 wide; horizontal</td>
<td>91</td>
<td>m2</td>
<td>25.49</td>
<td>2324.51</td>
</tr>
<tr>
<td>Sealant</td>
<td></td>
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</tr>
<tr>
<td>Nullifire M703 intumescent sealant and foam backing strip to give 60 minutes fire resistance; drawing 1526/60/MW/309 detail 2</td>
<td></td>
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</tr>
<tr>
<td>G Vertical; between blockwork and steel</td>
<td>86</td>
<td>m</td>
<td>7.70</td>
<td>664.85</td>
</tr>
<tr>
<td>Designed joints</td>
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<td></td>
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</tr>
<tr>
<td>In blockwork</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H 140 wide; vertical to steel; ACS 2002P brackets at 225 centres, to steelwork - 1; debonding sleeve to blockwork - 1</td>
<td>547</td>
<td>m</td>
<td>9.61</td>
<td>5259.69</td>
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<tr>
<td>J 140 wide; vertical; ACS &quot;T&quot;ties at 225 centres, to steelwork flange; debonding sleeves to blockwork both ends; drawing 1526/60/HB/344</td>
<td>182</td>
<td>m</td>
<td>22.44</td>
<td>4092.51</td>
</tr>
<tr>
<td>K 140 wide; vertical; ACS &quot;T&quot;ties at 225 centres, to steelwork web; debonding sleeves to blockwork both ends; drawing 1526/60/HB/344</td>
<td>94</td>
<td>m</td>
<td>22.44</td>
<td>2100.10</td>
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<td>Carried to Bill Nr 3 Summary £</td>
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<td>E30 ACCESSORIES/SUNDRY ITEMS FOR</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----</td>
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<tr>
<td>BRICK/BLOCK/STONE WALLING (Cont’d)</td>
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<tr>
<td>Designed joints (Cont’d)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A</strong> 140 wide; movement joints; vertical; ACS &quot;T&quot;ties at 225 centres, to steelwork flange; debonding sleeves to blockwork both ends; drawing 1526/60/HB/344</td>
<td>67</td>
<td>m</td>
<td>22.44</td>
<td>1507.77</td>
</tr>
<tr>
<td><strong>B</strong> 140 wide; movement joints; vertical; ACS &quot;T&quot;ties at 225 centres, to steelwork web; debonding sleeves to blockwork both ends; drawing 1526/60/HB/344</td>
<td>19</td>
<td>m</td>
<td>22.44</td>
<td>430.79</td>
</tr>
<tr>
<td><strong>C</strong> 140 wide; horizontal to PFC support member; lifting channel and re-setting over walling</td>
<td>115</td>
<td>m</td>
<td>9.61</td>
<td>1107.30</td>
</tr>
<tr>
<td><strong>D</strong> 140 wide; sloping; to soffit of portal frame; Nullifire J2000 F2 fire seal; 90 high</td>
<td>29</td>
<td>m</td>
<td>8.02</td>
<td>230.95</td>
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<tr>
<td>In blockwork; fair faced both sides</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>E</strong> 140 wide; vertical to steel; ACS 2002P brackets at 225 centres, to steelwork - 1; debonding sleeve to blockwork - 1; pointing both sides with Nullifire M703 intumescent sealant and foam backing strips to give 60 minutes fire resistance; drawing 1526/60/HB/343</td>
<td>103</td>
<td>m</td>
<td>19.24</td>
<td>1985.31</td>
</tr>
<tr>
<td><strong>F</strong> 140 wide; sloping; to soffit of portal frame; Nullifire J2000 F2 fire seal; 90 high</td>
<td>79</td>
<td>m</td>
<td>8.02</td>
<td>635.10</td>
</tr>
<tr>
<td>In blockwork; fair faced one side</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>G</strong> 140 wide; vertical to steel; ACS 2002P brackets at 225 centres, to steelwork - 1; debonding sleeve to blockwork - 1</td>
<td>79</td>
<td>m</td>
<td>8.02</td>
<td>635.10</td>
</tr>
<tr>
<td><strong>H</strong> 140 wide; vertical; ACS &quot;T&quot;ties at 225 centres, to steelwork flange; debonding sleeves to blockwork both ends; two part polysulphide mastic sealant to steelwork - 2; drawing 1526/60/HB/343</td>
<td>62</td>
<td>m</td>
<td>20.83</td>
<td>1299.82</td>
</tr>
<tr>
<td><strong>J</strong> 140 wide; vertical; ACS &quot;T&quot;ties at 225 centres, to steelwork web; debonding sleeves to blockwork both ends; two part polysulphide mastic sealant to steelwork - 2; drawing 1526/60/HB/343; Spec F30/610A</td>
<td>62</td>
<td>m</td>
<td>20.83</td>
<td>1299.82</td>
</tr>
<tr>
<td><strong>K</strong> 140 wide; movement joints; vertical; ACS &quot;T&quot; ties at 225 centres; to steelwork flange; debonding sleeves to blockwork both ends; two part polysulphide mastic sealant to steelwork - 2; drawing 1526/60/HB/343; Spec F30/610A</td>
<td>43</td>
<td>m</td>
<td>20.83</td>
<td>899.88</td>
</tr>
<tr>
<td><strong>L</strong> 140 wide; horizontal to PFC support member; lifting channel and re-setting over walling</td>
<td>94</td>
<td>m</td>
<td>9.61</td>
<td>899.68</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
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## F30 ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/STONE WALLING (Cont'd)

<table>
<thead>
<tr>
<th>Designed joints (Cont'd)</th>
<th>In facework</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>105 wide; movement joints; vertical; ACS movement ties at 225 centres, debonding sleeves one end; two part polysulphide mastic and polythene foam backing strip one edge; drawing 1526/60/HB/344; Spec F30/610A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>m</td>
<td>11.22</td>
<td>1346.22</td>
</tr>
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</table>

Prestressed concrete. Naylor: Spec F30/740

### Lintel

<table>
<thead>
<tr>
<th>B</th>
<th>100 x 1200 long</th>
<th>134</th>
<th>Nr</th>
<th>17.63</th>
<th>2369.61</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>140 x 1000 long</td>
<td>2</td>
<td>Nr</td>
<td>16.02</td>
<td>38.46</td>
</tr>
<tr>
<td>D</td>
<td>140 x 1200 long</td>
<td>70</td>
<td>Nr</td>
<td>19.24</td>
<td>1388.93</td>
</tr>
<tr>
<td>E</td>
<td>140 x 1200 long; fair face one side</td>
<td>5</td>
<td>Nr</td>
<td>19.24</td>
<td>92.34</td>
</tr>
<tr>
<td>F</td>
<td>140 x 1200 long; fair face both sides</td>
<td>17</td>
<td>Nr</td>
<td>19.24</td>
<td>323.19</td>
</tr>
<tr>
<td>G</td>
<td>140 x 2100 long</td>
<td>5</td>
<td>Nr</td>
<td>38.46</td>
<td>184.62</td>
</tr>
<tr>
<td>H</td>
<td>140 x 2600 long</td>
<td>2</td>
<td>Nr</td>
<td>36.87</td>
<td>88.48</td>
</tr>
<tr>
<td>J</td>
<td>200 x 1500 long; fair face one side</td>
<td>5</td>
<td>Nr</td>
<td>35.26</td>
<td>169.26</td>
</tr>
</tbody>
</table>

Proprietary steel lintels: Birtley "Supagalv"; Spec F30/750A

### Lintels

<table>
<thead>
<tr>
<th>K</th>
<th>1200 long</th>
<th>34</th>
<th>Nr</th>
<th>33.66</th>
<th>1130.82</th>
</tr>
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</table>

### STRUCTURAL / CARCASSING METAL / TIMBER

<table>
<thead>
<tr>
<th>G10 STRUCTURAL STEEL FRAMING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural steelwork; grade 50 to BS 4360; Hub Building: SE drawings S-HB-0003 &amp; 0004</td>
</tr>
</tbody>
</table>

Framing; fabrication

<table>
<thead>
<tr>
<th>L</th>
<th>Beams; not exceeding 40 kg/m</th>
<th>11</th>
<th>t</th>
<th>0.16</th>
<th>1.71</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>Beams; not exceeding 40 kg/m (PROVISIONAL)</td>
<td>4</td>
<td>t</td>
<td>83343.05</td>
<td>30034.97</td>
</tr>
<tr>
<td>N</td>
<td>Beams; not exceeding 40 kg/m; cambered</td>
<td>7</td>
<td>t</td>
<td>0.16</td>
<td>1.06</td>
</tr>
<tr>
<td>P</td>
<td>Beams; 40 - 100kg/m</td>
<td>24</td>
<td>t</td>
<td>0.16</td>
<td>3.88</td>
</tr>
<tr>
<td>Q</td>
<td>Beams; 40 to 100 kg/m (PROVISIONAL)</td>
<td>4</td>
<td>t</td>
<td>0.16</td>
<td>0.58</td>
</tr>
</tbody>
</table>

Carried to Bill Nr 3 Summary £
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Beams; 40 - 100kg/m; cambered</td>
<td>20</td>
<td>t</td>
<td>0.16</td>
<td>3.17</td>
</tr>
<tr>
<td>B</td>
<td>Columns; not exceeding 40 kg/m; CHS</td>
<td>9</td>
<td>t</td>
<td>0.16</td>
<td>1.41</td>
</tr>
<tr>
<td>C</td>
<td>Columns; 40 - 100kg/m</td>
<td>30</td>
<td>t</td>
<td>0.16</td>
<td>4.83</td>
</tr>
<tr>
<td>D</td>
<td>Cantilever sections at eaves; not exceeding 40kg/m; tapered</td>
<td>6</td>
<td>t</td>
<td>0.16</td>
<td>1.00</td>
</tr>
<tr>
<td>E</td>
<td>Cantilever sections at eaves; 40 - 100kg/m; tapered</td>
<td>2</td>
<td>t</td>
<td>0.16</td>
<td>0.33</td>
</tr>
<tr>
<td>F</td>
<td>Masonry &amp; cladding supports; vertical; not exceeding 40kg/m</td>
<td>7</td>
<td>t</td>
<td>0.16</td>
<td>1.21</td>
</tr>
<tr>
<td>G</td>
<td>Masonry &amp; cladding supports; vertical; not exceeding 40kg/m; PFC</td>
<td>3</td>
<td>t</td>
<td>0.16</td>
<td>0.44</td>
</tr>
<tr>
<td>H</td>
<td>Bracings; not exceeding 40kg/m; CHS</td>
<td>3</td>
<td>t</td>
<td>0.16</td>
<td>0.54</td>
</tr>
<tr>
<td>J</td>
<td>Bracings: not exceeding 40kg/m; CHS; cambered</td>
<td>4</td>
<td>t</td>
<td>0.16</td>
<td>0.58</td>
</tr>
<tr>
<td>K</td>
<td>Purlins &amp; cladding rails; not exceeding 40kg/m; CHS</td>
<td>16</td>
<td>t</td>
<td>0.16</td>
<td>2.59</td>
</tr>
<tr>
<td>L</td>
<td>Purlins &amp; cladding rails; not exceeding 40kg/m; PFC</td>
<td>11</td>
<td>t</td>
<td>0.16</td>
<td>1.82</td>
</tr>
<tr>
<td>M</td>
<td>Fittings to Contractors design; including base plates &amp; assemblies (PROVISIONAL)</td>
<td>13</td>
<td>t</td>
<td>0.16</td>
<td>2.14</td>
</tr>
<tr>
<td>N</td>
<td>Permanent erection on site</td>
<td>152</td>
<td>t</td>
<td>0.16</td>
<td>24.56</td>
</tr>
<tr>
<td>P</td>
<td>Permanent erection on site (PROVISIONAL)</td>
<td>20</td>
<td>t</td>
<td>0.16</td>
<td>3.30</td>
</tr>
<tr>
<td>Q</td>
<td>Ref L 1756518; to steel</td>
<td>653</td>
<td>m</td>
<td>0.16</td>
<td>105.75</td>
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<tr>
<td>R</td>
<td>Ref P 175-200; to steel</td>
<td>1236</td>
<td>m</td>
<td>0.16</td>
<td>200.23</td>
</tr>
<tr>
<td>S</td>
<td>At works</td>
<td>3046</td>
<td>m2</td>
<td>3205.51</td>
<td>9762693.64</td>
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Carried to Bill Nr 3 Summary £
<table>
<thead>
<tr>
<th>G10 STRUCTURAL STEEL FRAMING (Cont’d)</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface treatments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Treatment as WSP Appendix B</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A At works</td>
<td>1020</td>
<td>m2</td>
<td>12.83</td>
<td>13081.50</td>
</tr>
<tr>
<td>Prepare; Leighs Jetron L760B black bituminous paint to give minimum DFT of 175 microns: SE Spec 1.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>B On site; after erection</td>
<td>439</td>
<td>m2</td>
<td>4.81</td>
<td>2110.80</td>
</tr>
<tr>
<td>Prepare; one coat Isocyanate pitch epoxy to give minimum DFT of 450 microns</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C On site; after erection</td>
<td>60</td>
<td>m2</td>
<td>17.63</td>
<td>1057.86</td>
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<tr>
<td>G20 CARPENTRY/TIMBER FRAMING/FIRST FIXING</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Sawn softwood; preservative treated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Individual supports</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D 100 x 5; plugging</td>
<td>398</td>
<td>m</td>
<td>3.20</td>
<td>1274.68</td>
</tr>
<tr>
<td>E 100 x 50</td>
<td>132</td>
<td>m</td>
<td>3.20</td>
<td>422.33</td>
</tr>
<tr>
<td>F 125 x 50</td>
<td>5</td>
<td>m</td>
<td>4.81</td>
<td>23.07</td>
</tr>
<tr>
<td>G 140 x 5; plugging</td>
<td>142</td>
<td>m</td>
<td>3.20</td>
<td>453.05</td>
</tr>
<tr>
<td>H 140 x 50</td>
<td>65</td>
<td>m</td>
<td>6.41</td>
<td>415.53</td>
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<tr>
<td>Wrot softwood</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Framed supports</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J Over 300 wide; 50 x 50 members at 450 centres each way</td>
<td>2</td>
<td>m2</td>
<td>20.83</td>
<td>49.99</td>
</tr>
<tr>
<td>K 50 x 50; plugging</td>
<td>7</td>
<td>m</td>
<td>4.81</td>
<td>34.60</td>
</tr>
<tr>
<td>Framed supports: forming recess for blinds; 38 x 38 members</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>L 100 x 100 deep; horizontal members - 3; subsidiary members at 450 centres; fixing to steel - 2; drawing 1526/60/HB/440 section s</td>
<td>2</td>
<td>m</td>
<td>14.43</td>
<td>34.64</td>
</tr>
<tr>
<td>Framed supports: forming recess for blinds; 50 x 50 members</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 100 x 400 deep; horizontal members - 3; subsidiary members at 450 centres; fixing to steel - 2; drawing 1526/60/HB/440 section v</td>
<td>19</td>
<td>m</td>
<td>19.24</td>
<td>369.36</td>
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<tr>
<td>Carried to Bill Nr 3 Summary £</td>
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<tr>
<td>Description</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>-----</td>
<td>------</td>
<td>-------</td>
<td>--------------</td>
</tr>
<tr>
<td>Wrot softwood (Cont'd)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 100 x 400 deep; horizontal members - 3; subsidiary members at 600 centres; fixing to steel - 2: drawing 1526/60/HB/440 section w</td>
<td>74</td>
<td>m</td>
<td>19.24</td>
<td>1431.27</td>
</tr>
<tr>
<td>Wrot softwood; preservative treated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Framed supports</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B 1200 to 1500 girth; vertical ducts; 50 x 50 members; vertical members at 600 centres; subsidiary members at 1200 centres; two sides</td>
<td>7</td>
<td>m</td>
<td>17.63</td>
<td>126.94</td>
</tr>
<tr>
<td>C 600 to 900 girth; horizontal; linings to beams; 50 x 50 members; horizontal members at 600 centres; plugging - 2; two sides</td>
<td>293</td>
<td>m</td>
<td>19.24</td>
<td>5632.74</td>
</tr>
<tr>
<td>D 900 to 1200 girth; horizontal; linings to beams; 50 x 50 members; horizontal members at 600 centres; plugging - 2; three sides</td>
<td>202</td>
<td>m</td>
<td>22.44</td>
<td>4523.30</td>
</tr>
<tr>
<td>E Plugging; to masonry or concrete</td>
<td>19</td>
<td>m</td>
<td>1.61</td>
<td>30.84</td>
</tr>
<tr>
<td>F 50 x 100; to steel</td>
<td>26</td>
<td>m</td>
<td>4.81</td>
<td>126.88</td>
</tr>
<tr>
<td>Wrot softwood; primed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G 21 x 44 (f sizes)</td>
<td>190</td>
<td>m</td>
<td>3.20</td>
<td>606.63</td>
</tr>
<tr>
<td>H 21 x 44 (f sizes); plugging</td>
<td>1704</td>
<td>m</td>
<td>3.20</td>
<td>5451.95</td>
</tr>
<tr>
<td>Plywood; WBP</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Packing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J 100 x 5; plugging</td>
<td>5</td>
<td>m</td>
<td>3.36</td>
<td>16.14</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLADDING / COVERING</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----</td>
<td>------</td>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>H11 CURTAIN WALLING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curtain walling, windows, external doors and screens; to Contractors Design, Spec H11/110, L0/330, 331, 332 &amp; 333, L20/280 and other associated clauses and the Tender Drawings</td>
<td>Item</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyester coated aluminium; manufactured by Technal Ltd. and installed by one of their approved Contractors; fixed to structural steelwork, concrete and masonry; including all additional structural supports not detailed on the Structural Engineers drawings; cills, flashings and the like; include for sealing to adjacent structures</td>
<td>1</td>
<td>Item</td>
<td>80100.00</td>
<td>80100.00</td>
</tr>
<tr>
<td>A</td>
<td>Curtain walling and lobby screens (internal and external) together with associated doors and ironmongery; Spec H11/110; to areas shown on drawing 1526/60/HB/220 and associated drawings, including concealed elevations on grid lines D, E &amp; G and triangular projecting screen to front elevation.</td>
<td>1</td>
<td>Item</td>
<td>80100.00</td>
</tr>
<tr>
<td>Polyester coated aluminium; manufactured by Technal Ltd. and installed by one of their approved Contractors; fixed to structural steelwork, concrete and masonry; including all additional structural supports not detailed on the Structural Engineers drawings; cills, flashings and the like; include for sealing to adjacent structures; drawings 1526/60/Hb/412, 413 &amp; 414</td>
<td>1</td>
<td>Item</td>
<td>80100.00</td>
<td>80100.00</td>
</tr>
<tr>
<td>B</td>
<td>Windows, screens, doors and fanlights, including ironmongery; Spec L10/330, 331, 332 &amp; 333 and L20/280; to locations shown on drawing 1526/60/HB/220 and associated drawings, including concealed elevations on grid lines D, E &amp; G</td>
<td>Item</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H31 METAL PROFILED/FLAT SHEET</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----</td>
<td>------</td>
<td>-------</td>
<td>------------</td>
</tr>
<tr>
<td>CLADDING/COVERING/SIDING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roof Cladding to Contractors Design, Spec H31/110 and other associated clauses and the Tender Drawings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Composite metal profiled roofing manufactured by Alumasc Exterior Building Products Ltd. and installed by one of their approved Contractors; comprising standing seam outer panels, insulation as Spec H31/330, vapour control layer as Spec H31/260 and self finished internal lining as Spec H31/250; fixed to structural steelwork; including all additional supports not detailed on the Structural Engineers drawings; all flashings, fillers, trims to eaves, verges and the like; sealing to adjacent structures; include for aluminium box gutters as Spec H31/234 and downpipes jointed to below ground drainage system and for forming weatherproof holes for Mechanical pipework and ductwork and soil and vent pipes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Roof complete, including roof to projecting Lobby and triangular projecting window to front elevation; as drawing 1526/60/HB/204 and associated drawings; include for insulated rooflights to Workspace Units</td>
<td>1</td>
<td></td>
<td>96000.00</td>
<td>96000.00</td>
</tr>
<tr>
<td>Wall cladding to Contractors Design, Spec H31/127A &amp; 127B and other associated clauses and the Tender Drawings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Composite metal profiled wall cladding manufactured by Kingspan Ltd. and installed by one of their approved Contractors; comprising self finished vertically laid wall cladding, core insulation and self finished internal lining; fixing to structural steelwork; including all necessary additional supports not detailed on the Structural Engineers drawings; include for all flashings, fillers and the like and sealing to adjoining structures and roof</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Hub Building; non-fire resisting cladding to Spec H31/127A; fire resisting cladding to Spec H31/127B; to areas shown on drawing 1526/60/HB/220 and associated drawings including concealed elevations on grid lines D,E &amp; G</td>
<td>1</td>
<td>item</td>
<td>0.00</td>
<td>0.00</td>
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Carried to Bill Nr 3 Summary £
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<tr>
<th>WATERPROOFING</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J40 FLEXIBLE SHEET TANKING/DAMP PROOF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEMBRANES</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Damp proof membrane; 1200 gauge</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tanking and damp proofing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Horizontal; to blinded hardcore; over 300 wide</td>
<td>2030</td>
<td>m²</td>
<td>1.00</td>
<td>2030.40</td>
</tr>
<tr>
<td>846 m²</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Vertical; to blockwork; 150 to 225 wide; dressing</td>
<td>348</td>
<td>m</td>
<td>1.00</td>
<td>348.00</td>
</tr>
<tr>
<td>under horizontal dpc</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RIW Flexiseal tanking system; Spec</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tanking and damp proofing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C Horizontal; to concrete; over 300 wide</td>
<td>24</td>
<td>m²</td>
<td>17.63</td>
<td>423.14</td>
</tr>
<tr>
<td>D Horizontal; to concrete; 150 to 225 wide</td>
<td>31</td>
<td>m</td>
<td>6.41</td>
<td>200.07</td>
</tr>
<tr>
<td>E Vertical; to concrete; over 300 wide</td>
<td>24</td>
<td>m²</td>
<td>19.24</td>
<td>461.70</td>
</tr>
<tr>
<td>F Vertical; to concrete; 150 to 225 wide</td>
<td>31</td>
<td>m</td>
<td>8.00</td>
<td>249.60</td>
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<tr>
<td>G Internal angles to horizontal tanking</td>
<td>24</td>
<td>m</td>
<td>10.00</td>
<td>240.00</td>
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<tr>
<td>H External angles to horizontal tanking</td>
<td>31</td>
<td>m</td>
<td>10.00</td>
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<tr>
<td>J External angles to vertical tanking</td>
<td>12</td>
<td>m</td>
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<td>115.34</td>
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<td>Bitumen protection board</td>
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<tr>
<td>K Vertical; over 300 wide</td>
<td>24</td>
<td>m²</td>
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<tr>
<td>L Vertical; 150 to 225 wide</td>
<td>31</td>
<td>m</td>
<td>6.00</td>
<td>187.20</td>
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<td>M Horizontal; 150 to 225 wide</td>
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<td>K11 RIGID SHEET</td>
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<td>FLOORING/SHEATHING/LININGS/CASINGS</td>
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<tr>
<td>Plywood; WBP; 12 thick</td>
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<td>Linings to beams</td>
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<tr>
<td>N 600 to 1200 girth; to timber</td>
<td>494</td>
<td>m</td>
<td>20.83</td>
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<tr>
<td>fire protection</td>
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<td></td>
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</tr>
<tr>
<td>Isolated columns</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P Not exceeding 600 girth; to steel; three sides</td>
<td>17</td>
<td>m</td>
<td>19.00</td>
<td>319.20</td>
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<td>Carried to Bill Nr 3 Summary £</td>
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<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
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<td><strong>FLOORING/SHEATHING/LININGS/CASINGS (Cont'd)</strong></td>
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<td>Glasroc S frameless fire case to give 30 minute fire protection (Cont'd)</td>
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<td>A 600 to 1200 girth; to steel; three sides Glasroc S frameless fire case to give 60 minute fire protection</td>
<td>26</td>
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<td>Isolated columns</td>
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<tr>
<td>B Not exceeding 600 girth; to steel; two sides</td>
<td>67</td>
<td>m</td>
<td>15.00</td>
<td>1008.00</td>
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<tr>
<td>C Not exceeding 600 girth; to steel; three sides</td>
<td>17</td>
<td>m</td>
<td>15.00</td>
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<tr>
<td>D 600 to 1200 girth; to steel; three sides</td>
<td>101</td>
<td>m</td>
<td>18.00</td>
<td>1814.40</td>
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<td>E 600 to 1200 girth; to steel; four sides</td>
<td>10</td>
<td>m</td>
<td>17.63</td>
<td>169.26</td>
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<td><strong>K30 DEMOUNTABLE PARTITIONS</strong></td>
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<tr>
<td>Demountable Partitions; Thrislington 8vo steel epoxy powder coated; pre-decorated plasterboard lined both sides; acoustic cavity insulation; drawings 1526/60/HB/415 &amp; 416: Spec K30/110 (1st floor stud partition)</td>
<td></td>
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<tr>
<td>Partitions</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>F 2400 high; fixing to concrete and masonry</td>
<td>24</td>
<td>m</td>
<td>8015.00</td>
<td>192360.00</td>
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<tr>
<td>G 2700 high; fixing to concrete and masonry</td>
<td>79</td>
<td>m</td>
<td>8100.00</td>
<td>641520.00</td>
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<tr>
<td>H 3220 high; fixing to concrete and masonry</td>
<td>12</td>
<td>m</td>
<td>8100.00</td>
<td>97200.00</td>
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<tr>
<td>Extra over for</td>
<td></td>
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<tr>
<td>J Door openings; frames; 910 x 2100</td>
<td>12</td>
<td>Nr</td>
<td>0.00</td>
<td>0.00</td>
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<tr>
<td>K Glazed panels; double glazing; clear toughened safety glass; detail 8020; 830 x 600</td>
<td>5</td>
<td>Nr</td>
<td>0.00</td>
<td>0.00</td>
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<tr>
<td>L Glazed panels; double glazing; clear toughened safety glass; detail 8020; 840 x 2300</td>
<td>12</td>
<td>Nr</td>
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<td>0.00</td>
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<tr>
<td>M Glazed panels; double glazing; clear toughened safety glass; detail 8020; 860 x 300</td>
<td>2</td>
<td>Nr</td>
<td>0.00</td>
<td>0.00</td>
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<tr>
<td>N Glazed panels; double glazing; clear toughened safety glass; detail 8020; 1200 x 2600</td>
<td>5</td>
<td>Nr</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>P Glazed panels; double glazing; clear unwired fireglass (30 min. integrity); detail 8020; 700 x 2600</td>
<td>5</td>
<td>Nr</td>
<td>0.00</td>
<td>0.00</td>
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Carried to Bill Nr 3 Summary £
<table>
<thead>
<tr>
<th>K30 DEMOUNTABLE PARTITIONS (Cont'd)</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
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<tbody>
<tr>
<td>Demountable Partitions: Thrilngton 8vo steel epoxy powder coated; pre-decorated plasterboard lined both sides; acoustic cavity insulation; drawings 1526/60/HB/415 &amp; 416; Spec K30/110 (Cont'd)</td>
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</tr>
<tr>
<td>A</td>
<td>Glazed panels; double glazing; clear unwired fireglass (30 min. integrity); detail 8020; 860 x 600</td>
<td>2</td>
<td>Nr</td>
<td>0.00</td>
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<tr>
<td>Perimeter details</td>
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<tr>
<td>B</td>
<td>Partition base; solid; detail 8024</td>
<td>82</td>
<td>m</td>
<td>0.00</td>
</tr>
<tr>
<td>C</td>
<td>Partition base; glazed; detail 8025</td>
<td>24</td>
<td>m</td>
<td>0.00</td>
</tr>
<tr>
<td>D</td>
<td>Partition head; solid; detail 8023</td>
<td>94</td>
<td>m</td>
<td>0.00</td>
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<tr>
<td>E</td>
<td>Partition head; glazed; to detail</td>
<td>34</td>
<td>m</td>
<td>0.00</td>
</tr>
<tr>
<td>F</td>
<td>Abutments to walls; details 8026 &amp; 8027</td>
<td>98</td>
<td>m</td>
<td>0.00</td>
</tr>
<tr>
<td>G</td>
<td>&quot;T&quot; intersections; details 8026 &amp; 8027</td>
<td>26</td>
<td>m</td>
<td>0.00</td>
</tr>
<tr>
<td>H</td>
<td>Rounded corners; detail 8019</td>
<td>7</td>
<td>m</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>Trims; powder coated steel Omega cover strips with matching colour infills</td>
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<td></td>
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<tr>
<td>J</td>
<td>To vertical joints</td>
<td>581</td>
<td>m</td>
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<tr>
<td>K32 FRAMED PANEL CUBICLE PARTITIONS</td>
<td></td>
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<tr>
<td>Services duct systems. Thrilngton Sales Ltd.; Sentry Access Modules; complete with access doors, infill panels, legs and support members; fixing to masonry walls with ceramic tile finish and ceramic tiled concrete floors</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>WC ducts; Spec K32/114</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K</td>
<td>750 x 2400</td>
<td>5</td>
<td>Nr</td>
<td>0.00</td>
</tr>
<tr>
<td>L</td>
<td>800 x 2400</td>
<td>12</td>
<td>Nr</td>
<td>0.00</td>
</tr>
<tr>
<td>M</td>
<td>850 x 2400</td>
<td>19</td>
<td>Nr</td>
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<tr>
<td>N</td>
<td>900 x 2400</td>
<td>5</td>
<td>Nr</td>
<td>0.00</td>
</tr>
<tr>
<td>P</td>
<td>1100 x 2400</td>
<td>2</td>
<td>Nr</td>
<td>0.00</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
<td></td>
<td></td>
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</table>
### K32 FRAMED PANEL CUBICLE PARTITIONS (Cont'd)

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WC cubicle sets; Thrislington Sales Ltd.; complete with doors, partition panels, legs and support members; doors with indicator bolts and coat hooks; fixing to masonry walls with ceramic tile finish and ceramic tiled concrete floors</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Cubicle partition sets; Alti Range: Spec K32/11</td>
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<td></td>
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</tr>
<tr>
<td>A Range of 2 nr cubicles; 1500 x 1600; doors - 2; partitions - 1; end fixed pilasters - 2</td>
<td>2</td>
<td>Nr</td>
<td>22500.00</td>
<td>54000.00</td>
</tr>
<tr>
<td>B Range of 2 nr cubicles; 1500 x 1680; doors - 2; partitions - 1; end fixed pilasters - 2</td>
<td>7</td>
<td>Nr</td>
<td>0.00</td>
<td>0.00</td>
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<tr>
<td>Cubicle partition sets; Lotus Range; Spec K32/112</td>
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<td></td>
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</tr>
<tr>
<td>C Range of 2 nr cubicles; 1500 x 1600 wide; doors - 2; partitions - 1; end fixed pilasters - 2</td>
<td>5</td>
<td>Nr</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>D Range of 2 nr cubicles; 2500 x 1600 wide; doors - 2; partitions - 2; end fixed pilasters - 1</td>
<td>2</td>
<td>Nr</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>E Single cubicle; 2500 long including 1nr door, partition and end fixed pilaster</td>
<td>2</td>
<td>Nr</td>
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### K40 DEMOUNTABLE SUSPENDED CEILINGS

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<th>Description</th>
<th>Qty</th>
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<th>Rate</th>
<th>Amount (£)</th>
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</thead>
<tbody>
<tr>
<td>Acoustic barriers</td>
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</tr>
<tr>
<td>F 100 total thickness; 600 to 900 high; obstructed by services</td>
<td>19</td>
<td>m</td>
<td>57.70</td>
<td>1107.82</td>
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<tr>
<td>Cavity fire barriers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G 30 total thickness; 600 to 900 high; obstructed by services</td>
<td>26</td>
<td>m</td>
<td>32.05</td>
<td>846.09</td>
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<tr>
<td>Suspended ceilings; Armstrong Prima Dune Premier Microlook; exposed grid; Spec K40/110A</td>
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<tr>
<td>Ceilings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H Suspension 500 to 1000 deep; to concrete</td>
<td>96</td>
<td>m2</td>
<td>19.24</td>
<td>1846.80</td>
</tr>
<tr>
<td>J Suspension 1000 to 1500 deep; to concrete; in staircase areas</td>
<td>26</td>
<td>m2</td>
<td>19.24</td>
<td>507.87</td>
</tr>
<tr>
<td>K Suspension 1000 to 1500 deep; to steel</td>
<td>622</td>
<td>m2</td>
<td>19.24</td>
<td>11958.03</td>
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<tr>
<td>L Suspension 1500 to 2000 deep; to concrete</td>
<td>106</td>
<td>m2</td>
<td>19.24</td>
<td>2031.48</td>
</tr>
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<td>M Suspension 1500 to 2000 deep; to steel</td>
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<td>m2</td>
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<td>6879.33</td>
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<td>Carried to Bill Nr 3 Summary £</td>
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<td>K40 DEMOUNTABLE SUSPENDED CEILINGS</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
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<td>(Cont'd)</td>
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<tr>
<td><strong>Suspended ceilings: Armstrong Prima Dune Premier</strong></td>
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<tr>
<td><strong>Microlook; exposed grid; Spec K40/110A</strong></td>
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<tr>
<td><strong>A</strong> Suspension 1500 to 2000 deep; to steel; in</td>
<td>50</td>
<td>m²</td>
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<td>969.57</td>
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<td><strong>B</strong> Suspension 2000 to 2500 deep; to steel; in</td>
<td>91</td>
<td>m²</td>
<td>19.24</td>
<td>1754.46</td>
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<td>staircase areas</td>
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<td><strong>C</strong> Suspension 2500 to 3000 deep; to steel</td>
<td>110</td>
<td>m²</td>
<td>19.24</td>
<td>2123.82</td>
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<td><strong>Angle edge trims</strong></td>
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<tr>
<td><strong>D</strong> 32 x 19; screwing to timber</td>
<td>1742</td>
<td>m</td>
<td>1.28</td>
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<td><strong>Suspended ceilings; Gyproc Casoline MF; 12.5</strong></td>
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<td><strong>Gyproc wallboard dry lining; Spec K10/225A</strong></td>
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<td><strong>Ceilings</strong></td>
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<tr>
<td><strong>E</strong> Suspension 150 to 500 deep; to concrete</td>
<td>79</td>
<td>m²</td>
<td>33.66</td>
<td>2665.52</td>
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<tr>
<td><strong>F</strong> Suspension 500 to 1000 deep; to concrete</td>
<td>72</td>
<td>m²</td>
<td>35.26</td>
<td>2538.86</td>
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<td><strong>G</strong> Extra for; cove to edge; drawing 1526/60/HB/441 detail B</td>
<td>14</td>
<td>m</td>
<td>49.68</td>
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<td><strong>H</strong> Extra for; cove to edge; curved; drawing 1526/60/HB/441 detail B</td>
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<td>m</td>
<td>80.14</td>
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<td><strong>Isolated strips</strong></td>
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<tr>
<td><strong>J</strong> Suspension 500 to 1000 deep; 900 to 1200 wide: to concrete</td>
<td>118</td>
<td>m</td>
<td>45.68</td>
<td>5372.44</td>
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<tr>
<td><strong>K</strong> 200 x 300; external angles - 1</td>
<td>29</td>
<td>m</td>
<td>16.02</td>
<td>461.51</td>
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<td><strong>L</strong> 300 to 600 high</td>
<td>86</td>
<td>m</td>
<td>16.02</td>
<td>1384.52</td>
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<td><strong>Channel edge trims</strong></td>
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<tr>
<td><strong>M</strong> Screwing to timber</td>
<td>259</td>
<td>m</td>
<td>6.41</td>
<td>1662.12</td>
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40
<table>
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<th>WIN Doors / Doors / Stairs</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
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<td>L20 Doors / Shutters / Hatches</td>
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<td>44 Flush; internal quality; IBC Bridgeman; solid core; (f) thick; steamed Beech veneer and lippings to match; factory applied finish; factory glazed; drawing 1526/60/Hb/411; Spec L20/230A</td>
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<tr>
<td>Doors</td>
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<tr>
<td>A 500 x 2040; rebated meeting stiles - 1; type 2</td>
<td>14</td>
<td>Nr</td>
<td>240.00</td>
<td>3456.00</td>
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<tr>
<td>B 826 x 2040; type 2</td>
<td>70</td>
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<td>144.25</td>
<td>10039.63</td>
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<td>C 826 x 2040; rebated meeting stiles - 1; type 2</td>
<td>5</td>
<td>Nr</td>
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<td>7</td>
<td>Nr</td>
<td>368.63</td>
<td>2654.14</td>
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<td>E 826 X 2040; 200 X 200 apertures glazed with 6mm thick georgian wired polished plate glass - 4; rebated meeting stiles - 1; type 1</td>
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<td>4769.80</td>
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<td>F 926 X 2040; type 3</td>
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<td>Nr</td>
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<td>661.61</td>
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<tr>
<td>Doors; FD20s</td>
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<tr>
<td>G 826 X 2040; type 2</td>
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<td>136.23</td>
<td>1307.79</td>
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<td>Doors; FD30s</td>
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<td>H 826 X 2040; type 2</td>
<td>34</td>
<td>Nr</td>
<td>136.23</td>
<td>4577.28</td>
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<td>J 826 X 2040; 200 X 200 apertures glazed with 6mm thick 30 min. FD georgian wired polished plate glass - 4; type 1 Wrot softwood; primed: Spec L20/330A Door frames and door linings; 54nr sets</td>
<td>12</td>
<td>Nr</td>
<td>368.63</td>
<td>4423.57</td>
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<td>94</td>
<td>m</td>
<td>19.24</td>
<td>1800.63</td>
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<td>36</td>
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<td>m</td>
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<td>7024.19</td>
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<td>N Jambs 125 x 32 (f sizes); fixing to steel</td>
<td>5</td>
<td>m</td>
<td>19.24</td>
<td>92.34</td>
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<td>m</td>
<td>20.83</td>
<td>2949.60</td>
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<td>m</td>
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<td>169.26</td>
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<td>R Stop beads; 19 x 19 (f sizes)</td>
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<td>m</td>
<td>6.41</td>
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<td>S Stop beads; 25 x 25 (f sizes); fixing with screws</td>
<td>134</td>
<td>m</td>
<td>6.41</td>
<td>861.84</td>
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<td>Carried to Bill Nr 3 Summary £</td>
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41
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<th>L20 DOORS/SHUTTERS/HATCHES (Cont'd)</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount (£)</th>
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<td>Intumescent strips</td>
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<td>Fire seals/smoke seals</td>
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<tr>
<td><strong>A</strong></td>
<td>134</td>
<td>m</td>
<td>6.41</td>
<td>861.84</td>
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<tr>
<td>To softwood; including groove</td>
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<td>Sectional overhead doors; Stockvis &quot;Thermador&quot;, model 640; insulated; electrically operated; Spec L20/615A</td>
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<td>Doors: frames and linings; door gear and housing; self finished</td>
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<td><strong>B</strong></td>
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<td>Nr</td>
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<td>24618.30</td>
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<td>2600 x 4500 masonry opening size; fixing to steel and masonry; pointing with mastic sealant both sides</td>
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<td>L30 STAIRS/WALKWAYS/BALUSTRADES</td>
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<td>Stainless steel polished</td>
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<td>Staircase balustrades; core rail; intermediate rails; balusters; fixing to concrete; drawings 1526/60/HB/310 &amp; 311; Spec L3/110A</td>
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<tr>
<td><strong>C</strong></td>
<td>22</td>
<td>m</td>
<td>250.03</td>
<td>5400.72</td>
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<tr>
<td>900 high; horizontal</td>
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<td><strong>D</strong></td>
<td>31</td>
<td>m</td>
<td>544.94</td>
<td>17002.16</td>
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<td>1000 high; raking</td>
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<td><strong>E</strong></td>
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<td>Nr</td>
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<td>153.84</td>
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<tr>
<td>Extra over for; stop ends</td>
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<td>5</td>
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<td>53.85</td>
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<tr>
<td>Extra over for; fair ramped ends</td>
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<td><strong>G</strong></td>
<td>10</td>
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<td>1.61</td>
<td>15.42</td>
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<td>Nr</td>
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<td>Wall brackets; 100 long; welding to balusters - 1; plugging and screwing to masonry - 1</td>
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<td>Wrot Beech for clear finish</td>
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<td>Associated handrails; drawing 1526/60/HB/310 &amp; 311</td>
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<td><strong>L</strong></td>
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<td>m</td>
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<td>70 x 50 (f sizes); fully moulded; housing and screwing to core rail; horizontal</td>
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<td><strong>M</strong></td>
<td>31</td>
<td>m</td>
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<td>1050.05</td>
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<td><strong>N</strong></td>
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<td>36.87</td>
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<td><strong>Summary £</strong></td>
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<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
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<td>Detailed part of the stairs, walkways, and balustrades:</td>
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<td>M10 CEMENT: SAND/CONCRETE SCREEDS/TOPPINGS</td>
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<td>Isocrete K-screed; Spec M10/132</td>
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<td>Floors</td>
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<td>D 50 thick; level or to falls only not exceeding 15 degrees from horizontal; to precast concrete floors; to receive ceramic tiles</td>
<td>55</td>
<td>m2</td>
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<td>973.23</td>
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<td>408</td>
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<td>19.24</td>
<td>7848.90</td>
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<td>17.63</td>
<td>507.77</td>
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<td>Render; two coat work; Spec M20/140</td>
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<tr>
<td>Walls</td>
<td></td>
<td></td>
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<tr>
<td>G Over 300 wide; to blockwork</td>
<td>679</td>
<td>m2</td>
<td>11.22</td>
<td>7619.61</td>
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<tr>
<td>H Not exceeding 300 wide; to blockwork</td>
<td>46</td>
<td>m</td>
<td>6.41</td>
<td>292.41</td>
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<td>Render; textured finish</td>
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<td>Ceilings</td>
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<td>Rate</td>
<td>Amount (£)</td>
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<tr>
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<td>142</td>
<td>m</td>
<td>6.41</td>
<td>908.01</td>
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<td>m</td>
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<td>Plaster 3 thick board finish; on 12.5 thick plasterboard</td>
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<td>Bulkheads, blind boxes and the like</td>
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<td>43</td>
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<td>1963.05</td>
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<td>2585.52</td>
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<td>310</td>
<td>m</td>
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<td>197 x 247; Bal WP1 tanking system; Spec M40/125</td>
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<tr>
<td>Walls</td>
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<td>m2</td>
<td>89.75</td>
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<td>Description</td>
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<td>Amount (£)</td>
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<td>496.21</td>
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<td>m</td>
<td>22.44</td>
<td>1023.13</td>
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<td>m</td>
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<td>184.68</td>
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<td>460.73</td>
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<td>Floors</td>
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<td>G Level or to falls only not exceeding 15 degrees</td>
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<td>m2</td>
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<td>H 150 high; to blockwork</td>
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<td>m</td>
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</tr>
<tr>
<td>Floors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J Level or to falls only not exceeding 15 degrees</td>
<td>134</td>
<td>m2</td>
<td>89.75</td>
<td>12062.13</td>
</tr>
<tr>
<td>M50 RUBBER/PLASTIC/CORK/LINO/CARPET</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Carpet tiling; 450 x 450: heavy contract nylon; Spec M50/130A</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Floors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K Over 300 wide; level or to falls; to power floated concrete</td>
<td>785</td>
<td>m2</td>
<td>38.46</td>
<td>30184.59</td>
</tr>
<tr>
<td>L Over 300 wide; level or to falls; to power floated concrete; in staircase areas</td>
<td>50</td>
<td>m2</td>
<td>38.46</td>
<td>1938.46</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Description</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>-----</td>
<td>------</td>
<td>-------</td>
<td>------------</td>
</tr>
<tr>
<td>Carpet tiling; 450 x 450; heavy contract nylon; Spec M50/130A (Cont’d)</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Treads</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 240 wide; to concrete; in staircase areas</td>
<td>48</td>
<td>m</td>
<td>9.61</td>
<td>461.38</td>
</tr>
<tr>
<td><strong>Undercut risers</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B 180 high; to concrete; in staircase areas</td>
<td>58</td>
<td>m</td>
<td>8.02</td>
<td>461.89</td>
</tr>
<tr>
<td>Carpet tiling; 450 x 450; heavy contract nylon; Spec M50/132</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Floors</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C Over 300 wide; level or to falls; to screed</td>
<td>379</td>
<td>m2</td>
<td>38.46</td>
<td>14584.60</td>
</tr>
<tr>
<td>D Over 300 wide; level or to falls; to screed; in staircase areas</td>
<td>29</td>
<td>m2</td>
<td>38.46</td>
<td>1107.69</td>
</tr>
<tr>
<td>Matting; Gradus Esplanade; Spec M50/134</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>E Over 300 wide; Jevel or to falls; to power floated concrete</td>
<td>26</td>
<td>m2</td>
<td>304.52</td>
<td>8039.31</td>
</tr>
<tr>
<td>Floor: Plastics sheeting; Marley Safetred Universal; Spec M50/150A Floors</td>
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<tr>
<td>F Over 300 wide; level or to falls; to concrete or screed</td>
<td>202</td>
<td>m2</td>
<td>44.87</td>
<td>9046.60</td>
</tr>
<tr>
<td>Skirtings; coved; sit-on</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>G 100 high; to plaster</td>
<td>96</td>
<td>m</td>
<td>7.03</td>
<td>675.22</td>
</tr>
<tr>
<td>Accessories</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Edging strips; Gradus; for Barrier Matting</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>H Plugging to concrete</td>
<td>10</td>
<td>m</td>
<td>8.02</td>
<td>76.98</td>
</tr>
<tr>
<td>Nosings; Spec M501750A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J Plugging to concrete</td>
<td>58</td>
<td>m</td>
<td>20.83</td>
<td>1199.84</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>M60 PAINTING/CLEAR FINISHING</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----</td>
<td>------</td>
<td>------</td>
<td>------------</td>
</tr>
<tr>
<td>Painting plaster; prepare; one thinned coat; two coats; matt emulsion; Spec M60/110A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General surfaces</td>
<td>A</td>
<td>Over 300 girth; ceilings</td>
<td>545</td>
<td>m2</td>
</tr>
<tr>
<td>B</td>
<td>Over 300 girth; walls</td>
<td>2669</td>
<td>m2</td>
<td>3.20</td>
</tr>
<tr>
<td>C</td>
<td>Over 300 girth; walls; in staircase areas</td>
<td>271</td>
<td>m2</td>
<td>3.20</td>
</tr>
<tr>
<td>D</td>
<td>Isolated surfaces not exceeding 300 girth; in staircase areas</td>
<td>12</td>
<td>m</td>
<td>1.61</td>
</tr>
<tr>
<td>Painting textured render; prepare; one thinned coat; two coats matt emulsion; Spec M60/110A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General surfaces</td>
<td>E</td>
<td>Over 300 girth; ceilings; in staircase areas</td>
<td>17</td>
<td>m2</td>
</tr>
<tr>
<td>F</td>
<td>Over 300 girth</td>
<td>259</td>
<td>m2</td>
<td>8.02</td>
</tr>
<tr>
<td>G</td>
<td>Isolated surfaces not exceeding 300 girth</td>
<td>3094</td>
<td>m</td>
<td>6.41</td>
</tr>
<tr>
<td>Clear finishing wood; prepare; three coats polyurethane varnish; Spec M60/115</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General surfaces</td>
<td>H</td>
<td>Isolated surfaces not exceeding 300 girth</td>
<td>77</td>
<td>m</td>
</tr>
<tr>
<td>Painting metal; primed; prepare; one undercoat; two coats gloss; Spec M60/113</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General surfaces of structural metalwork</td>
<td>J</td>
<td>Over 300 girth</td>
<td>677</td>
<td>m2</td>
</tr>
<tr>
<td>Painting metal; primed; prepare; Nullifire S607 basecoat intumescent paint; one hour fire resistance; Spec M61/440A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General surfaces of structural metalwork</td>
<td>K</td>
<td>Over 300 girth</td>
<td>734</td>
<td>m2</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
<td></td>
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</tr>
<tr>
<td>Description</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------</td>
<td>-----</td>
<td>------</td>
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<td>------------</td>
</tr>
<tr>
<td>Painting metal; primed; prepare; Nullifire S607 basecoat intumescent paint; one hour fire resistance; Spec M61/450A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General surfaces of structural metalwork</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Over 300 girth</td>
<td>792</td>
<td>m2</td>
<td>9.61</td>
<td>7612.70</td>
</tr>
<tr>
<td>Painting metal; primed; prepare; Nullifire S607 basecoat intumescent paint; one hour fire resistance; Spec M61/460A</td>
<td></td>
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</tr>
<tr>
<td>General surfaces of structural metalwork</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Over 300 girth</td>
<td>734</td>
<td>m2</td>
<td>9.61</td>
<td>7059.05</td>
</tr>
<tr>
<td>Painting metal; primed; prepare; one undercoat; two coats gloss; Spec M/60/114</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Members of structural metal roof trusses lattice girders purlins and the like</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C Over 300 girth</td>
<td>876</td>
<td>m2</td>
<td>8.02</td>
<td>7024.64</td>
</tr>
<tr>
<td>D Isolated surfaces not exceeding 300 girth</td>
<td>53</td>
<td>m</td>
<td>3.20</td>
<td>168.93</td>
</tr>
<tr>
<td><strong>FURNITURE / EQUIPMENT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N10 GENERAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIXTURES/FURNISHINGS/EQUIPMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glass</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mirrors; fixing with dome top mirror screws to tiled masonry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E 400 x 600 (PROVISIONAL)</td>
<td>43</td>
<td>Nr</td>
<td>25.65</td>
<td>1108.08</td>
</tr>
<tr>
<td>Reception Desk</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purpose made unit; desk unit, screen and mobile drawer units; manufactured from satin beech finish veneered panels and solid beech edgings with factory applied finish, stainless steel supports, trim and fittings, glass counter; complete with all ironmongery and associated fitments; drawing 1526/60/HB/450</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F 4500 approximate girth; fixing to masonry and concrete</td>
<td>2</td>
<td>Nr</td>
<td>13142.56</td>
<td>31542.15</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------</td>
<td>-----</td>
<td>-------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>Sanitary appliances; Armitaae Shanks Ltd.; including bedding and sealing in white sealant</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cleaners Sinks</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A &quot;Alder&quot; heavy duty sink; legs and build-in brackets; hardwood pad; pair Nuastyle wall mounted taps, waste outlet and trap; Spec N13/160 to masonry and concrete</td>
<td>2</td>
<td>Nr</td>
<td>24041.26</td>
<td>57699.02</td>
</tr>
<tr>
<td>Wash basins</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B &quot;Dorex&quot; wall mounted basin; taps, waste outlet and trap; Spec N13/181 to tiled masonry</td>
<td>7</td>
<td>Nr</td>
<td>1.61</td>
<td>11.57</td>
</tr>
<tr>
<td>C &quot;Orbit&quot; vanity basin; taps, waste outlet and trap; Spec N13/180; to vanity unit top including apertures</td>
<td>38</td>
<td>Nr</td>
<td>1.61</td>
<td>61.69</td>
</tr>
<tr>
<td>WC suites</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D &quot;Braemar&quot;; WC pan with P trap jointed to soil pipe; cistern; Spec N13/110: to tiled masonry and concrete</td>
<td>43</td>
<td>Nr</td>
<td>1.61</td>
<td>69.40</td>
</tr>
<tr>
<td>Urinals</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E Range of two &quot;Sanura&quot; urinals; wall mounted; cistern; flush pipes, waste outlets and traps; urinal division; Spec N13/130; to tiled masonry</td>
<td>5</td>
<td>Nr</td>
<td>1.61</td>
<td>7.71</td>
</tr>
<tr>
<td>Disabled toilet packs; Document &quot;M&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F Ref 0067 B 00/0067 A 00; WC with P trap jointed to soil pipe; wall mounted basin with taps and bottle trap, ref 70237Q4SC; g!ab rails; recessed toilet roll holder to wall including forming recess; Spec N13/125; fixing to tiled masonry and concrete;</td>
<td>5</td>
<td>Nr</td>
<td>1.61</td>
<td>7.71</td>
</tr>
<tr>
<td>Sink units; stainless steel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G Inset sink; single bowl; single drainer; 1000 long; pair high necked inclined pillar taps, waste outlet and bottle trap ref 70238Q4SC; to worktop including forming aperture</td>
<td>5</td>
<td>Nr</td>
<td>1.61</td>
<td>7.71</td>
</tr>
<tr>
<td>Shower fittings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H &quot;Supamix&quot; ; chrome plated; exposed anti-scold manual mixing valve ref 66874 AH CC; riser pipe; half inch angled shower arm and swivel mounted shower head; 225 projection complete; to tiled masonry</td>
<td>10</td>
<td>Nr</td>
<td>1.61</td>
<td>15.42</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary £</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUILDING FABRIC SUNDRIES</td>
<td>Qty</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount (£)</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----</td>
<td>------</td>
<td>------</td>
<td>------------</td>
</tr>
<tr>
<td>P10 SUNDRY INSULATION/PROOFING WORK/FIRE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOPS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foil faced insulation; 50 thick</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>To structural steelwork; taping and sealing to provide continuous vapour membrane and insulation; at cantilever connection to steel frame; drawing 1526/60/HB/302</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 250 x 100 x 550: cutting to profile of steel sections</td>
<td>101</td>
<td>Nr</td>
<td>44.87</td>
<td>4523.30</td>
</tr>
<tr>
<td>B 250 x 100 x 700; cutting to profile of steel sections</td>
<td>14</td>
<td>Nr</td>
<td>56.09</td>
<td>807.73</td>
</tr>
<tr>
<td>Cavity barriers; Rockwool SP firestop; 60 minutes fire protection; Spec P10/411</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C Horizontal</td>
<td>420</td>
<td>m</td>
<td>14.43</td>
<td>6061.23</td>
</tr>
<tr>
<td>D Vertical</td>
<td>137</td>
<td>m</td>
<td>14.43</td>
<td>1974.23</td>
</tr>
<tr>
<td>Glasroc S frameless</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>To beam casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E 600 to 900 girth; horizontal; two sides</td>
<td>293</td>
<td>m</td>
<td>20.83</td>
<td>6099.17</td>
</tr>
<tr>
<td>F 900 to 1200 girth; horizontal; three sides</td>
<td>202</td>
<td>m</td>
<td>20.83</td>
<td>4199.43</td>
</tr>
<tr>
<td>Fire stops</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nullifire System J2000 F2; between top of portal frame and soffit of roof cladding; to give 60 minutes fire resistance</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G 140 wide x 200 high; sloping</td>
<td>108</td>
<td>m</td>
<td>19.24</td>
<td>2077.65</td>
</tr>
<tr>
<td>P20 UNFRAMED ISOLATED TRIMS/SKIRTINGS/SUNDRY ITEMS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wrot softwood; Spec P20/110A; primed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skirtings, picture rails, architraves and the like</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H 19 x 19 (f sizes); quadrant beads</td>
<td>137</td>
<td>m</td>
<td>3.20</td>
<td>437.69</td>
</tr>
<tr>
<td>J 50 x 25; architrave; rounded - 1</td>
<td>1210</td>
<td>m</td>
<td>4.81</td>
<td>5813.34</td>
</tr>
<tr>
<td>Wrot hardwood; primed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thresholds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K 80 x 15 (f sizes); chamfers - 2; plugging</td>
<td>12</td>
<td>m</td>
<td>11.22</td>
<td>134.62</td>
</tr>
<tr>
<td>Carried to Bill Nr 3 Summary</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRIMS/SKIRTINGS/SUNDRY ITEMS (Cont'd)</td>
<td></td>
<td></td>
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<tr>
<td>--------------------------------------</td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>A</strong> 50 x 62 (f sizes); edging; rebates - 1; plugging</td>
<td>19</td>
<td>m</td>
<td>20.83</td>
<td>399.95</td>
</tr>
<tr>
<td><strong>B</strong> 75 x 38 (f sizes); edging; rebates - 1; plugging</td>
<td>5</td>
<td>m</td>
<td>20.83</td>
<td>99.99</td>
</tr>
<tr>
<td><strong>C</strong> MDFMR; primed Skirtings, picture rails, architraves and the like</td>
<td>1094</td>
<td>m</td>
<td>8.02</td>
<td>8775.99</td>
</tr>
<tr>
<td><strong>D</strong> MDFMR; Spec P20/200A; primed Window boards</td>
<td>36</td>
<td>m</td>
<td>14.43</td>
<td>519.53</td>
</tr>
<tr>
<td><strong>E</strong> 250 x 25; bullnose - 1; plugging</td>
<td>58</td>
<td>m</td>
<td>19.24</td>
<td>1108.08</td>
</tr>
<tr>
<td><strong>F</strong> 300 x 25; vertical; fixing with mirror screws</td>
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<td>Pipework ancillaries</td>
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<td>Pipes</td>
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<td>B 19 nominal size; including clips; to masonry</td>
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<td>C 32 nominal size; including clips; to masonry</td>
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<tr>
<td>D 38 nominal size; including clips; to masonry</td>
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<td>E 50 nominal size; including clips; to masonry</td>
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<td>Extra over pipework for fittings</td>
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<td>Nr</td>
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<td>N Tees; 38 x 32 nominal size</td>
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<td>V Splay cut ends; 19 nominal size</td>
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<td>Pipework ancillaries</td>
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<td>W Concealed low level cistern side overflow Tundish assembly; Armitage Shanks ref 7646A9Z SC; 19 nominal size</td>
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<td>Cast iron pipework (PROVISIONAL)</td>
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<td>Pipework ancillaries</td>
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<tr>
<td>A Harmer shower drain; 150 x 150 stainless steel square mesh grating; setting in ceramic tiled concrete floor; jointing to clayware drain; 100 nominal size</td>
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<td>X10 LIFTS</td>
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<td>Lift; in accordance with the Performance Specification prepared by bsec Ltd</td>
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<td>Passenger lift; 8 person; disabled access fully compliant</td>
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<td>B As Specification; fixing complete to masonry and concrete structure</td>
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