

	Client: EMCOR Project: EMR Oldbury Birmingham	Date: 10/06/12	Item: Removal and re- installation of cable baskets & brackets
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1.1.1	<p><u>OUTLINE</u></p> <p>The cost includes for the removal and re-installation of existing cable containment as per drawings 00(61)002-C1 and 00(61)002-C3 and the installation of cable containment in new areas. All as per the scope of works below and the attached drawing.</p> <p>We have allowed a 30% uplift on our original schedule of rates due to all the materials and fixed equipment which is now on site due to fairports installation.</p> <p>We will also be using a mixture of Scissor lifters and boom lifters due to the materials and installed equipment.</p>
1.1.2	<p><u>SCOPE OF WORKS</u></p>
1.1.3	<p><u>Installation of Cable Containment</u></p> <p><u>Item 1</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>Labour (2 days) £ 350.00</p> <p><u>Item 2</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>122m basket from Schedule of rates + 30% (12.35/m) £ 1,507.00 88 brackets from Schedule of rates + 30% (13.34/bracket) £ 1,173.00</p> <p><u>Item 3</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>96m basket from Schedule of rates + 30% (12.35/m) £ 1,186.00 64 brackets from Schedule of rates + 30% (13.34/bracket) £ 854.00</p> <p><u>Item 4</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>280m basket from Schedule of rates + 30% (12.35/m) £ 3,458.00 188 brackets from Schedule of rates + 30% (13.34/bracket) £ 2,507.00</p> <p><u>Item 5</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>36m basket from Schedule of rates + 30% (12.35/m) £ 444.00 24 brackets from Schedule of rates + 30% (13.34/bracket) £ 321.00</p>

 <p>agile DESIGN-BUILD-MAINTAIN</p>	<p>Client: EMCOR</p> <p>Project: EMR Oldbury Birmingham</p>	<p>Date: 10/06/12</p>	<p>Item:</p> <p>Removal and re- installation of cable baskets & brackets</p>
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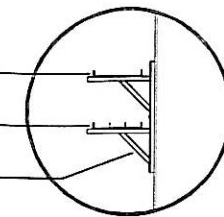
1.2.1	<p><u>Item 6</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>40m basket from Schedule of rates + 30% (12.35/m) £ 494.00 26 brackets from Schedule of rates + 30% (13.34/bracket) £ 347.00</p> <p><u>Item 7</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>104m basket from Schedule of rates + 30% (12.35/m) £ 1,285.00 69 brackets from Schedule of rates + 30% (13.34/bracket) £ 921.00</p> <p><u>Item 8 & 9</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>PC sum for extra time to install in this area £ 1,586.00 Main contractor may need to supply fixed scaffold in this area</p> <p><u>Item 10</u></p> <p>To installing cable containment as per new drawing 00(61)002-C3</p> <p>15m basket from Schedule of rates + 30% (12.35/m) £ 186.00 15 brackets from Schedule of rates + 30% (13.34/bracket) £ 200.00</p> <p><u>Removal of Cable Containment</u></p> <p><u>Item11</u></p> <p>To removing cable containment as per drawing 00(61)002-C1</p> <p>192m basket from Schedule of rates + 30% (12.35/m) £ 2,372.00 128 brackets from Schedule of rates + 30% (13.34/bracket) £ 1,707.00</p> <p><u>Item12</u></p> <p>To installing cable containment as per drawing 00(61)002-C1</p> <p>40m basket from Schedule of rates + 30% (12.35/m) £ 494.00 26 brackets from Schedule of rates + 30% (13.34/bracket) £ 347.00</p> <p><u>COSTS</u></p> <p>Sub totals of items 1-10 £ 16,819.00 Sub totals of items 11-12 £ 4,920.00</p> <p>Sub totals of items 1-10 £ 21,739.00 Cost for additional lifters £ 4,500.00 Cost for additional Management £ 2,250.00</p>
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 <p>agile</p> <p>DESIGN-BUILD-MAINTAIN</p>	<p>Client: EMCOR</p> <p>Project: EMR Oldbury Birmingham</p>	<p>Date: 10/06/12</p>	<p>Item:</p> <p>Removal and re- installation of cable baskets & brackets</p>
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	<p>Sub total for above £ 28,489.00</p> <p>Plus 10% profit £ 2,848.90</p> <p>Variation Total <u>£ 31,337.90</u></p> <p><i>Prices are nett and exclusive of VAT</i></p>

TYPICAL CONTAINMENT BRACKET DETAIL

450mm WIDE WIRE CABLE BASKET FOR SUB MAIN AND FINAL CIRCUIT LV CABLES
450mm WIDE CABLE BASKET COMPLETE WITH SEPARATORS FOR LV, FIRE ALARM AND DATA CABLES
SLOTTED CHANNEL BRACKET MOUNTED TO STRUCTURAL STEELS



THIS DRAWING IS COPYRIGHT AND MAY NOT BE REPRODUCED OR MADE USE OF UNLESS EXPRESSLY AGREED BY EMCOR ENGINEERING SERVICES LIMITED

- NOTES
1. This drawing shall not be used as a working drawing. All stated dimensions shall be verified on site.
 2. For architectural and structural details please refer to appropriate specialist drawings.
 3. The internal floor trusses and DWF equipment has been detailed for clarity purposes. These items are the responsibility of the F&E contractor and not EMCOR.
 4. T&I is to be utilized by EMCOR to supply the general lighting and power to the warehouse and office block areas only.
 5. Mounting heights detailed are subject to change due to on site constraints and clashes with clients equipment.

LEGEND

SWITCH/TYPE	450mm	750mm
COMBINED	450mm	850mm

Working Height
Containment size

Containment type:
SWITCH/TYPE: Switchgear and LV cables
Containment: Containment housing F&E, T&I & Data

SINGLE STACKED CONTAINMENT MOUNTED AS DETAIL ON LAYOUT
DOUBLE STACKED CONTAINMENT MOUNTED AS DETAIL ON LAYOUT
LV DISTRIBUTION BOARD, AS DETAIL
MCP: MECHANICAL CONTROL PANEL, AS DETAIL

C1	BUILDING LAYOUT UPDATED AND CONTAINMENT SYSTEM AMENDED TO SUIT CLIENT'S CO-ORDINATION ISSUES	04.12	CJ
C2	AMENDED TO SUIT UPDATED VENTILATION DESIGN AND CLASHES WITH CLIENT EQUIPMENT	28.11	CJ
C3	ISSUED FOR CONSTRUCTION	02.11.13	CJ
P1	ISSUED FOR APPROVAL	25.7.12	CJ

Client
VINCI CONSTRUCTION UK

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Project
IES OLDBURY

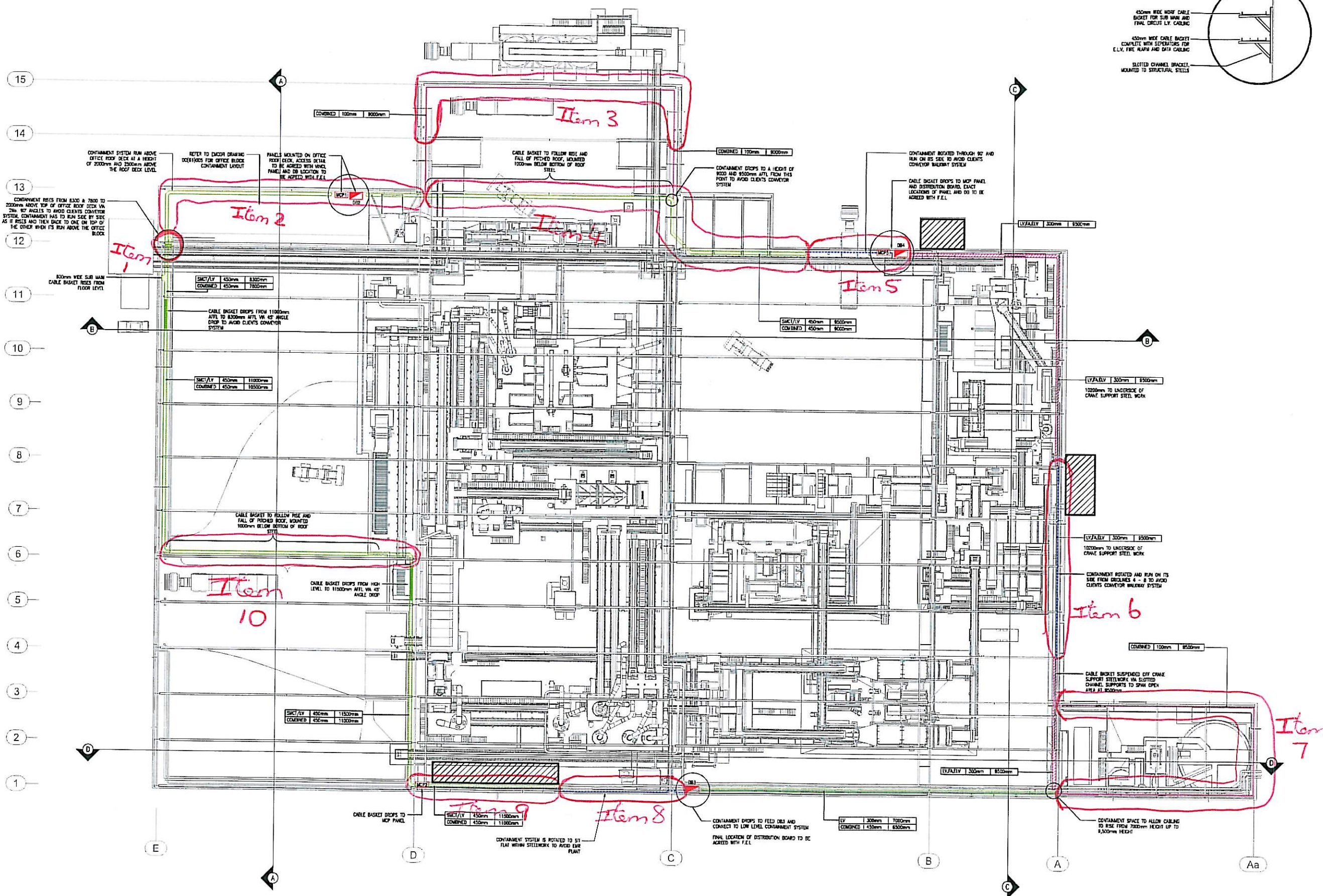
Title
EMR BUILDING ELECTRICAL CONTAINMENT SERVICES LAYOUT

Discipline
ELECTRICAL

Status
CONSTRUCTION

Drawn	CJ	Checked	KB	Size	A0
Job No	C00062	Scale	1:200	Date	05.07.12
Drawing No	00(61)002	Rev			C3

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH EMCOR DRAWING NUMBER 00(61)010 WHICH DETAILS THE SECTIONS AS DETAILED ON THIS LAYOUT.



NORTH

- 12-1

— Mounting Height
— Containment size

Containment type:
SMCT/LY denotes Subman and LY cables
Control denotes basket housing FA, ELY & Dole

- WCP-3** MECHANICAL CONTROL PANEL, AS DETAILED

Client				
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UK

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Project	
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