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Client Name

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# 70 Grays Inn Road CAFCASS

220258

**Mechanical and Electrical  
Tender Analysis**

Birmingham | Nottingham | Huntingdon | Leeds | Bristol | Leicester | London | Manchester | Derby | Oxford | Poland | India

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# Sustainability at our core.

Document Revision History			Ref	220258 70 Grays Inn Road	
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A	T.Willer / B. Szucs	A.Kouyialis / M. Gonzalez	03/10/2022	S3	Tender Issue

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1-0 PROJECT TENDER COSTS

PROJECT TENDER COSTS				
Item	Description		Item Cost	Section Cost
1	For all costs associated with Contract Preliminaries			
	a)	General requirements	£	
Section Total			£	£
2	Standard Installation Clauses			
2A	For all costs associated with Section 2A - General Installation Clauses - Pipework		£	
2B	For all costs associated with section 2B - General Installation Clauses - Ductwork		£	
2C	For all costs associated Section 2C – General Installation Clauses - Mechanical Commissioning		£	
2D	For all costs associated Section 2D – General Installation Clauses – Thermal Insulation		£	
2E	For all costs associated Section 2E – Electrical Installation quality and Materials		£	
2F	For all costs associated Section 2F – Electrical Inspection and Testing		£	
Section Total			£	£
	For all costs associated with – Energy Metering			
Section Total			£	£
E1A	For all costs associated Section E1A – LV Distribution			
	a)	Supply and Installation of Switchgear/Boards	£	
	b)	Supply and installation of cabling systems	£	
	c)	Strip-out	£	
Section Total			£	£
E2	For all costs associated Section E2 – Utility Power			
Section Total			£	£
E3	For all costs associated Section E3 – Internal, External & Emergency Lighting			
	a)	Internal Lighting	£	
	b)	Emergency Lighting	£	
	c)	Strip-out	£	
Section Total			£	£
E5	For all costs associated Section E5 – Voice and Data Systems			
Section Total			£	£

PROJECT TENDER COSTS				
Item	Description		Item Cost	Section Cost
E6	For all costs associated Section E6 – Security Systems			
E6A	Access Control Systems		£	
E6B	Intruder & Hold-Up Alarm Systems		£	
E6C	CCTV Systems		£	
E6D	Integrated Security Systems		£	
Section Total			£	£
E7A	For all costs associated Section E7A – Fire Alarm Systems			
	Refer to Item 38.02 of AHR’s Schedule of Works			
Section Total			£	£
E8	For all costs associated Section E8 – Lightning Protection Systems			
Section Total			£	£
E9	For all costs associated Section E9 – Miscellaneous Electrical Systems			
E9A	Audio Frequency Induction Loop Systems (AFILS)		£	
	Integrated Reception Systems (IRS)		£	
Section Total			£	£
M1	For all costs associated – Domestic Water Services			
	a)	Strip out of existing services	£	
	b)	Modification to Domestic Water distribution systems	£	
	c)	Local Instantaneous Hot Water Installations	£	
	d)	Other	£	
Section Total			£	£
M2	For all costs associated – Heating (Coordination with incumbent specialist)			
	a)	Re-balancing of LTHW serving Fan Coil Unit System	£	
	b)	Modification to LTHW distribution system(s)	£	
	c)	Other	£	
Section Total			£	£
M3	For all costs associated - Mechanical Ventilation Systems (Coordination with incumbent specialist)			
	Refer to O W London Quotation document Ref: GRAY0008 included within Tender Package			
	a)	Ductwork distribution systems installation		
	b)	Modifications to Toilet Extract		
	c)	Crosstalk Attenuators		
	d)	New Grilles and Diffusers		
	e)	Re-commissioning of Ventilation system		

PROJECT TENDER COSTS				
Item	Description		Item Cost	Section Cost
	f)	Other		
Section Total			£	£
M5	For all costs associated – Cooling Systems (Coordination with incumbent specialist)			
	a)	Re-balancing of CHWS serving Fan Coil Unit system	£	
	b)	Modification to internal CHWS distribution system	£	
	c)	Other	£	
Section Total			£	£
M6	For all costs associated – Drainage			
	a)	Drainage associated with domestic area systems	£	
	b)	Pumped drainage systems	£	
	c)	Other	£	
Section Total			£	£
M7	For all costs associated – Controls/BMS System			
	a)	All controls, wiring (power & control) and equipment (Variable speed drives, sensors etc.)	£	
	b)	Modifications/Upgrade to existing Front End graphics	£	
	c)	Other	£	
Section Total			£	£
SUB TOTAL CARRIED FORWARD TO TENDER SUMMARY				£

## 2-0 PROVISIONAL SUMS

PROVISIONAL SUMS			
Item	Description	Item Cost	Section Cost
1)	Unforeseen works – Electrical	£15,000	
2)	Unforeseen works – Mechanical	£10,000	
3)	Unforeseen works – Controls	£15,000	
4)	Unforeseen works – Drainage	£10,000	
Sub Total		<b>£50,000</b>	£
SUB TOTAL CARRIED FORWARD TO TENDER SUMMARY			£

### 3-0 MATERIAL SCHEDULE

Where items of equipment or plant are detailed in this Specification or Schedule(s), the Tenderer shall only include in his offer for the goods as stated.

A separate schedule may be attached to this Tender Analysis of alternative manufacturers where in the Tenderers opinion a genuine reduction in the Tender amount can be made for equipment which complies in full with the terms of this Specification. Where alternatives are offered the Contractor shall be responsible for providing all necessary information to demonstrate compliance to the satisfaction of the Engineer. The decision on whether any of these offers are acceptable will only be made after the Tenders have been submitted. If any of these alternatives are included in the Main Tender the offer will be considered non-compliant.

Schedule of Materials Included in Quotation / Tender		
Material or Equipment	Manufacturer	Delivery

#### 4-0 SCHEDULE OF DAY WORK RATES

Work agreed to be carried out as daywork will be paid for at the following rates and such payment will only be for the net time worked on the Site. The rates are to include for overheads and profit, all supervision (being the cost of full-time foremen or additional rates paid to chargehands etc.), insurances, holidays with pay, bonus, pension schemes, subsistence allowances, fares and travelling time, imported labour costs, non – productive overtime costs, tools of all descriptions and other payments made under the Working Rule Agreement or any Regulation, Bye-law or Act of Parliament.

The total of this Daywork Schedule shall be expended or deducted in whole or in part as directed by the Architect.

The Tenderer is to insert against the hours shown the hourly rates required, calculated in accordance with the above, for the various categories of labour.

SCHEDULE OF DAYWORK RATES	
Trade	Rate per hour
Chargehand	£
Site Supervisor / Working Supervisor	£
Certified Engineer / Approved Electrician	£
Engineer / Fitter / Electrician	£
Technician	£
Apprentice	£
% Addition for non-productive overtime	%
ADDITION FOR OVERHEAD & PROFIT FOR MATERIALS USE	
Include for the total hire and running costs of plant in use in dayworks, including fuel, spares, and transport to and from the site, unloading and loading.	%
Include for the total cost of materials for use in dayworks including any associated transport costs.	%
Sub-contractors	%



## 5-0 TENDER SUMMARY

We, the undersigned, do hereby offer to carry out the whole of the work described in this Specification, and the associated drawings for the project as referenced above, in strict accordance with the terms and conditions thereof, for the following sums of money: -

TENDER SUMMARY		
Item	Description	Total Cost
1	Project Tender Costs	£
2	Provisional Sums	£
Total Fixed Price		£
Total		£

ACTIONS	
Complete?*	Description
YES / NO	Schedule of Day Work Rates COMPLETED?
YES / NO	Material Schedule COMPLETED?
YES / NO	Schedule of Alternative Materials (refer Clause 1B-5) ENCLOSED?
YES / NO	Schedule of Addendums COMPLETED and INCLUDED?
YES / NO	Schedule of Work to be Sub-Let COMPLETED?

\* Delete as necessary

TO BE COMPLETED AT TIME OF TENDER	
FIRM	
ADDRESS	
SIGNED	
DATE	