



ROOF SURVEY REPORT, SPECIFICATION AND QUOTATION  
FOR THE ISLAMIYAH SCHOOL



Islamiyah School  
Willow Street  
Blackburn  
BB1 5NQ





Quotation Ref: 120820-2200.BGB

Wednesday 12<sup>th</sup> August 2020

Mr Sidat  
Islamiyah School  
Willow Street  
Blackburn  
BB1 5NQ

Subject: Re-Roofing to School roof areas

Dear Mr Sidat,

Further to our meetings and in depth roof survey, we have pleasure in enclosing our detailed survey report along with our proposed specification and quotation to carry out the necessary roofing works.

For the roofing works specified, we anticipate the works would take a period of 6 weeks at site from commencement to completion, subject to favorable weather conditions.

We trust that you will find the enclosed report of interest and look forward to your further instructions in due course. However, should you require any further assistance or clarification of any matter, please do not hesitate to contact myself.

Kind Regards

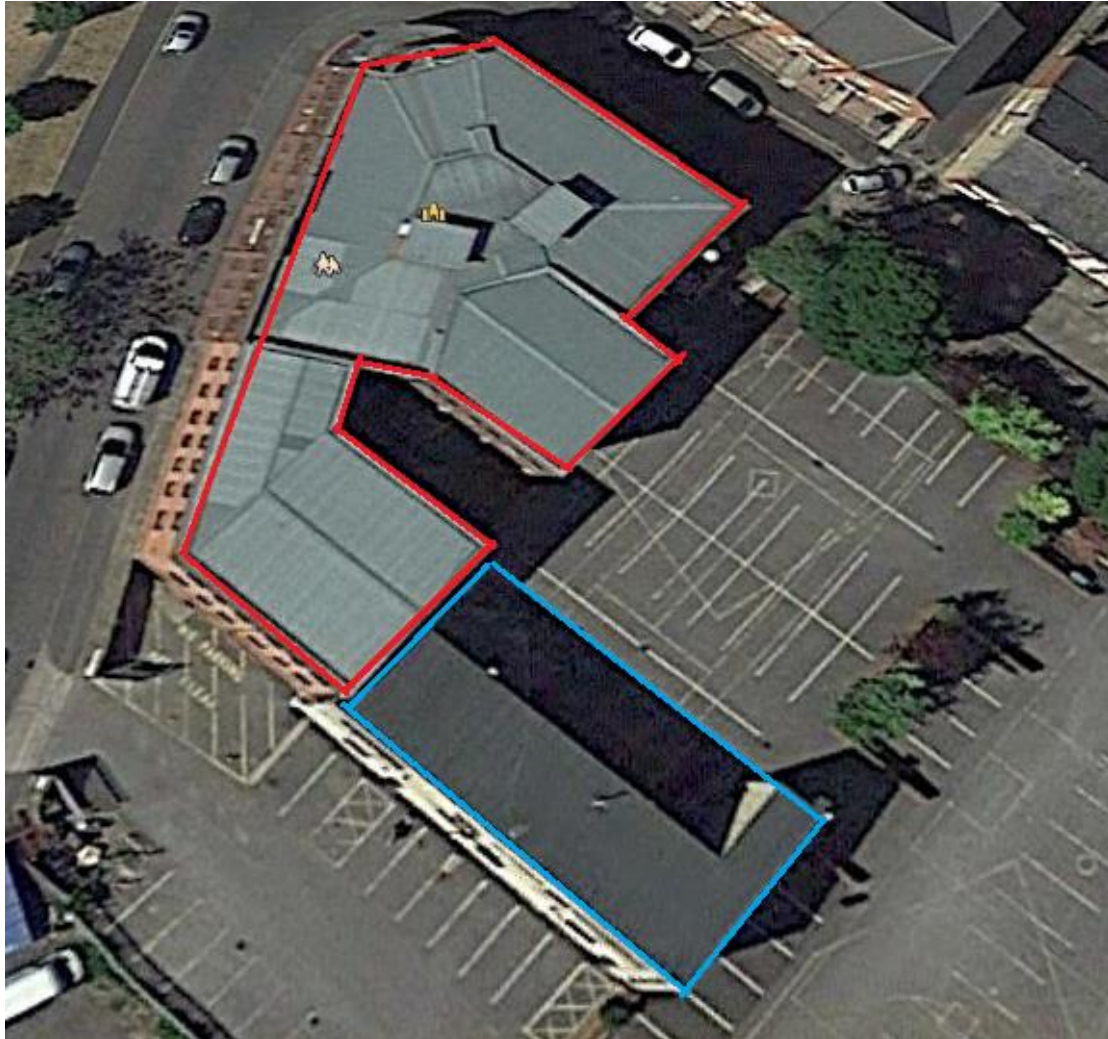
Barry Bentley MIO  
Technical sales manager  
For CLAD-IT Ltd



## EXECUTIVE SUMMARY

When preparing our recommendations and proposed schedule of works we have carefully taken into consideration all of the Health and Safety and Environmental issues which exist, ensuring that any works are carried out responsibly and safely for both you our client and our site management team and operatives

## AERIAL IMAGE



The roof area to be over-cladded is to be outlined in red





## **ROOF SURVEY – red roof area**

The roof area was surveyed on the 11<sup>th</sup> of June 2020

Access to the roof area was via an internal staircase which led to a roof hatch with straight access onto the roof

Weather conditions at the time of the survey was sunny and dry

The roof build-up is a concrete slab deck  
Light section steel framing to create falls  
0.7mm Galvanised / plastisol coated profile cladded sheeting

Rainwater discharges to the perimeter of the building via series of gutter sections

Upon inspection inside the building it is clear that rainwater is entering the building via a number of design faults, poor workmanship and quality issues which will lead to major deterioration to the building if not rectified.

In summary the faults identified are as follows

- Inadequate flat to pitched subframe where the steel is not strong enough
- The roof pitch is under 3 degrees allowing capillary action of rainwater through sheeting laps
- The rainwater gutters are under capacity in size to cope with rainfall
- Failed termination details to the cladding
- Loose and missing cladding fixings
- No sealants to sheeting laps
- No insulation in the roof build-up allowing condensation
- No vapour barrier allowing condensation

Our conclusion is that the existing roof covering must be stripped and disposed off and new flat to pitch cladded roof must be installed.



## **ROOF SURVEY – Blue roof area**

This pitched felt roof covering is at the end of its working life and would benefit by the installation of a new pitched insulated roof covering.



## **ROOF SPECIFICATION**

### **Preparation**

In sections strip the existing roofing system back to the concrete deck.

### **Flat to Pitched Conversion**

Using a treated timber sectional detail form a new flat to pitched roof conversion mechanically fixed back to the concrete slab. The new roofing system will be designed with adequate falls and will allow for adequate termination details to all elevations.

### **Fibre Quilt Insulation**

Install glass fibre quilt insulation between the void created by the new roof covering to increase the current 'U' value of the roofing system to current warm roof regulations of 0.18W/m<sup>2</sup>K.

### **New Roof Covering**

Supply and install 0.7mm thick colour coated profiled steel roofing sheets, fully galvanized, having a Plastisol steel coating to the external face. The new profiled roofing sheets will be mechanically fixed to the spacer bars using carbon steel fixings as recommended by the manufacturer with neoprene washers and sealing caps in a colour to match the roofing sheets.

### **Internal Boundary gutter sections**

After completing rainwater calculations, supply and install new galvanized and membrane lined gutter sections to provide suitable drainage of all the roof pitches and allow them to discharge through the existing scupper outlets which will be waterproofed with the new membrane system.

### **Parapet wall**

Supply and install new treated timber battens or galvanized mini z bars fixed through into the existing brickwork.

### **New Wall Cladding**

Supply and install 0.55mm thick colour coated profiled steel wall cladding sheets, fully galvanized, having a Plastisol steel coating to the external face. The new profiled wall sheets will be mechanically fixed to the new sheeting rails using carbon steel fixings as recommended by the manufacturer with neoprene washers and sealing caps in a colour to match the wall sheets.



## **ROOF SPECIFICATION *continued***

### **Parapet capping**

A new plastisol coated steel perimeter parapet capping will be installed over the existing coping stones to fully terminate and seal the new cladding system.

### **Flashings**

Colour matching purpose formed plastisol flashings will be positioned all termination positions to complete the installation. The flashings will be butt jointed, sealed and fixed in accordance with recommended codes of practice.





## PRELIMINARIES

Clad-it will site their own welfare facilities within the school yard area to comply with h&s regulations.

We are assuming we can utilise adequate secure storage for our materials within the school yard area,

We are assuming that we can utilise our clients on site power to connect 110v power supplies for us at roof level.

Suitable scaffolding, roof boundary protection, loading platforms and mobile plant will be used throughout the project complying with all current health and safety regulations.

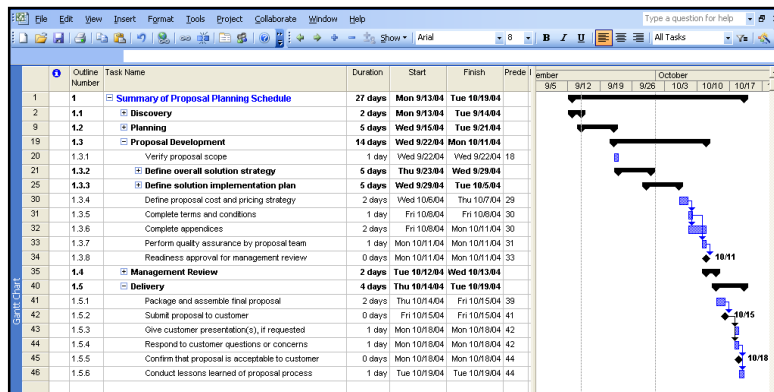
Any waste material generated during the works will be placed into appropriate skips / vehicles (provided by Clad-IT) for safe and responsible disposal.

Materials will be loaded / removed from via telehandler from designated loading points.

The site will be managed by a SMSTS qualified working foreman and regular site inspections from an IOSH certified manager will take place.

## IMPLEMENTATION PLAN

Before the works commence a full Construction Phase Health and Safety plan will be produced covering the full scope of works along with a Project Planner identifying the key project stages.



Clad-It will provide a Dedicated site manager, Customer Liaison Advisor, Contracts Manager and Contracts Supervisor to ensure that the project is carried out efficiently and effectively.

Random visits to site will also be carried out by Clad-it Limited Company Directors to ensure our arrangements for Health and Safety are being met (Health and Safety at work act 1974).

A company training matrix will be issued to display the accreditation, training and qualifications of our workforce.



## PRICING

Total Works after agreed discount £87,000.00 + vat  
(Eighty-seven thousand pounds only)

Prices shown will be subject to VAT at the rate ruling.

*Clad-it Ltd reserves the right to withdraw or to revise any quotation or tender at any time prior to acceptance and in any event a quotation or tender shall be deemed to be withdrawn if not accepted within 30 days after its date of issue.*



## PAYMENT TERMS

25% Men and materials to site  
25% at 50% completion of works  
25% at 75% completion of works  
25% 30 days after completion at site



## CDM REGULATIONS 2015

The Construction (Design and Management) Regulations (CDM 2015) are the main set of regulations for managing the health, safety and welfare of construction projects.

CDM applies to all building and construction work and includes new build, demolition, refurbishment, extensions, conversions, repair and maintenance.

If you appoint Clad-it as a contractor to carry out the work above, you are deemed to be “The Client” by the CDM regulations. Clad-IT would therefore be the “Principal Contractor” and usually also the “Principal Designer”. This means that you and Clad-it have to perform certain duties in order to comply with the regulations.

Clad-IT are experienced contractors capable of undertaking the Principal Contractor and Principal Designer roles as defined by the CDM regulations.

Where required Clad-it will work with you to ensure that you fulfil your duties in your role as “The Client”, by allowing you access to our Health & Safety Advisor.

Additional information relating to the role of Clad-IT under the CDM 2015 regulations will be made available to you on request.



## TRUST CLAD-IT FOR YOUR ROOFING

As a financially sound established local business, Clad-It is proud to serve our valued customers as the premier roofing and cladding contractors in the Northwest of England.

We are contractors and project management specialists and can undertake all of your requirements from the point of inception through to completion.

We specialise in the installation of industrial roofing in the Northwest and our driven, focused team can take on work on a national basis.

We always encourage customers to speak to existing clients, look at previous works or even attend live sites to see us contracting.

Recent previous clients worked with:



## Experts in Industrial Roofing & Cladding

- Tried & Tested Professional Cladding & Roofing Track Record
- No Obligation Survey, Report & Quotation
- Highly Trained Staff with appropriate accreditation
- Fully Health & Safety Compliant