MFT Scope of Services

Curtain Wall Consultancy – Project Benefit

MEINHARDT FACADE TECHNOLOGY

1.0 Design Optimisation

1.1 Review the proposed system design with the Curtain Wall Contractor to ensure that all of the design parameters are identified.

1.2 Review proposed materials, fixing methods, building modules, and methods of assembly with respect to making cost-savings and improving build-ability and provide recommendations.

1.3 Review preliminary engineering calculations provided by the Curtain Wall Contractor to assess whether areas have been over-designed and can be further refined.

1.4 Assist the Curtain Wall Contractor to delineate zones on the building where the component size and glass thickness may be reduced to optimise the material cost.

2.0 Engineering and Shop Drawing Submissions

2.1 Provide technical input to the Curtain Wall Contractor regarding the preparation of the detailed drawings and calculations.

2.2 Provide technical checklists and QA procedures in order to provide Quality Control, and to assist with streamlining the approval process.

2.3 Check all Government Submission Drawings, Shop Drawings, and Calculations of the external cladding system for Technical Content and compliance with the Tender and Code requirements.

2.4 Review, interpret and advise regarding the significance of test results, or components and materials, and advise regarding the acceptance of samples and materials submitted.

2.5 Assist the Curtain Wall Contractor to obtain Government Approvals and consent, in an advisory role.

3.0 Performance Testing

3.1 Review, check and comment on mockup design, shop drawings, calculations and testing procedures.

3.2 Attend mockup installation to confirm that the mockup installation is installed in accordance with the approved design.

3.3 Attend pre-testing of the mockup and assist the Curtain Wall Contractor address any technical problems.

3.4 Attend performance mockup testing and address any technical queries raised by the Client or Consultants in relation to the testing of the system.

4.0 Site Inspections, Construction Co-ordination and Site Meetings

4.1 Carry out Periodic site inspections, factory and plant inspections, to evaluate the standard of production.

4.2 Provide guidance regarding quality control procedures for both factory production and site installation.

4.3 Provide technical support during construction to resolve problems that may occur in the factory or on site. Address technical issues where necessary with the client.

4.4 Attend technical meetings where necessary to address specific problems raised by the Client or Consultant Team.