PART 1 GENERAL

1.1 REFERENCE

.1 Comply with the General Conditions of the Contract, Supplementary General Conditions and the requirements of Division 1.

1.2 RELATED WORK SPECIFIED ELSEWHERE

.1	Precast Concrete Planks	Section 03400
.2	Masonry	Section 04200
.3	Mesh Ceiling System : Grid	Section 05590
.4	Mechanical	Division 15
.5	Electrical	Division 16

1.3 SCOPE OF WORK INCLUDED

.1 Supply and install modular mesh panels to form an open, floating, modular ceiling grid. Set into Section 05590 steel support angle frames

.2 System is to be capable of supporting Electrical Fixtures.

1.4 SUBMITTALS

.1 Submit shop drawings in accordance with Section 01340.

.2 Submit shop drawings showing all components of the metal ceilings in as large a scale as practical, and showing the construction, methods of joining, fastening to framing, sleeving as well as the type of metal, gauges and finishes and all other pertinent data. Review Electrical and Mechanical Sections and coordinate work of this section with this work.

.3 Submit two samples of material for their respective finish for approval by the Architect. Furnish accurate physical samples of members, joints between similar sections and joints between standard grid member and infill basket panels. Sample shall show the attachment of support framing.

.4 Submit samples of mesh and suspension system members for approval prior to use.

.5 Since ceiling is to support light fixtures, shop drawings shall bear the seal of a Professional Engineer stating that the ceiling system is capable of safely supporting the lights in compliance with all applicable Codes.

1.5 PRODUCT HANDLING AND STORAGE

.1 Handle and store materials to prevent damage to materials and the structure.

.2 Deliver materials in their organic wrappings or containers with manufacturer's labels and seals intact and store in a dry area under cover, on raised platforms.

.3 Ship metal members and mouldings in rigid crates to avoid damage. Bent or deformed material will be rejected.

.4 Suitably protect metal members against damage.

PART 2 PRODUCTS

2.1 MANUFACTURERS

.1 CEEDA Beam Ceiling
.2 Intalite Beam Ceiling
.3 Approved equal

2.2 MATERIALS

.1 **Basket Infill Panels :** Wire basket tray (bent to create cookie pan with gravity lip for insertion into beam supports) consisting of 1/8" dia. rods welded at 1" centres in two directions fabricated from steel and prefinished in the manufacturer's standard white colour, to Architect's future selection.

.2 **Finish :** Finish all metal ceilings with baked epoxy finish to manufacturer's standard colour, to Architect's future selection.

PART 3 EXECUTION

3.1 FABRICATION

.1 Accurately machine joints, corners and mitres, fit and rigidly frame together. Carefully match components to produce perfect continuity to the exposed faces.

.2 Finish units in the plant. Fabricate units to conform to approved shop drawing layout.

3.3 EXAMINATION

.1 Take field dimensions of Work upon which Work of this Section depends before fabrication. Field adaptation of Work fabricated in error or without field check will not be allowed without Consultant's approval.

3.3 INSTALLATION

.1 Cooperate as required in the installation of mechanical and electrical items in ceiling, making adjustments where required to ensure that the lighting fixtures and air handling devices correctly fit above the ceiling.

.2 Take field measurements and levels required to verify or supplement those shown on the drawings for the correct layout and installation of the work. Dimensional tolerances in the building frame shall be co-ordinate and confirmed prior to the commencement of the work.

.3 Install ceilings level to within 1/8" in 8'. Perform levelling with the supporting hangers taut to prevent any subsequent downward movement of the carrying channels when the ceiling loads are imposed.

.4 Co-ordinate ceiling grid with mechanical and electrical contractor for installation of equipment and lights into ceiling.

.9 Provide basket infill panels set into grid.

END OF SECTION