

BID SOLICITATION



City of Chattanooga
101 East 11th Street, Suite G13
Chattanooga, TN 37402

BID OPENING DATE AND TIME:

06-OCT-16 at 2:00 PM

BID NUMBER: 304450

SEALED BIDS

Mail or submit two (2) signed copies of bid form to this office in the enclosed envelope. Retain one copy for your file.

BUYER:

PHONE #: (423) 643-7230

DELIVERY REQUIRED:

V
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RFQ

M
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T
O

City of Chattanooga
101 East 11th Street, Suite G13
Chattanooga, TN 37402

Item	Class-Item	Quantity	Unit	Unit Price	Total
<p>Requisition No.: 143158 Ordering Dept.: Chattanooga Public Library Buyer: Dedra Partridge Phone No.: (423) 643-7237</p> <p>Items Being Purchased: Ambient LED Light Fixtures & Fixture Controls</p> <p>ATTACHMENTS: Ambient LED Light Fixtures and Controls Description Drawings Ambient LED Light Fixture Proposal Pricing Form Light Fixture Controls Proposal Pricing Form Iran Divestment Act Form Affirmative Action Plan City of Chattanooga (COC) Terms and Conditions posted on Website http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions If you can't download call buyer for a copy.</p> <p>*** BID MUST BE RECEIVED NO LATER THAN *** *** 2:00 PM EST ON October 6, 2016 ***</p> <p>NOTE: ALL BIDS MUST BE SIGNED All bids received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Bidder acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.</p> <p>Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item.</p> <p>The City of Chattanooga reserves the right to reject any and/or all bids, waive any informalities in the bids received, and to accept any bid which in its opinion may be for the best interest of the city.</p> <p>The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color, or national origin.</p> <p>**** NOTE **** PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION:</p> <p>Company Name _____</p> <p>Address _____</p> <p>Phone/Toll-Free No. _____</p> <p>Fax No. _____</p> <p>eMail Address _____</p>					

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VENDOR RFQ

M	City of Chattanooga
A	101 East 11th Street, Suite G13
I	Chattanooga, TN 37402

Item	Class-Item	Quantity	Unit	Unit Price	Total
Contact Person's Name_____					
Estimated Delivery_____					
Minority-Owned Business_____ Small Business_____ Veteran_____					
Minority Woman-Owned Business_____ Disabled Veteran_____					
Woman-Owned Business_____					
**** ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION ****					

NOTE: ALL BIDS RECEIVED ARE SUBJECT TO THE TERMS AND CONDITIONS

The City is Exempt from all Federal and State Tax.
Bids will be received at the above mentioned address.

ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted prices under the conditions contained herein.

COMPANY: _____

TERMS OF PAYMENT: _____

SIGNATURE: _____

TELEPHONE NUMBER: _____

NAME AND TITLE: _____

Ambient LED Light Fixtures and Controls Description

INTRODUCTION

The Public Library through the City of Chattanooga purchasing department is receiving proposals for the cost of light fixtures and controls for the main public spaces on the first three floors. All pricing shall be complete as delivered to the Public Library. The bidder is requested to submit pricing from the three of the four fixture manufacturers and three from the four control manufacturers.

CONTROLS and INVERTERS

Information Required with the Pricing

The following information shall be submitted with the pricing.

1. Lump sum price for all materials (except wiring) for the controls and inverter system as described.
2. Manufacturer's catalog numbers and cut sheets of each item included.
3. General description of the operating sequence of the control system.
4. Description of the inverter system and name/catalog number of manufacturer.

Description

There are three floors in the building and each floor shall be controlled as follows:

- Base price is for a hard wired system. An option must be provided for a wireless system.
- A single control console for each floor with the capability to link the three floors together.
- The controls shall include all equipment necessary for a time of day feature to turn lights on and off at times that can be easily programmed by the user.
- See drawings for locations of the five separate control areas on each floor. Each control area shall be capable of having a minimum of four separate pre-set scenes. The control system shall also be capable of separate controls for the up light and down light in each scene.
- The control system shall be capable of dimming to 2% or less in a smooth flicker free transition.
- Provide each floor with an emergency battery powered central inverter system capable of controlling fourteen 48" sections of lighting at locations shown on drawings. The control system shall return the fixture to full bright (up and down) when power is out.
- Provide complete shop drawings and wiring diagrams for each floor.
- Provide factory commissioning to develop final pre-sets and four hours of staff training.

Approved Control Manufacturers

- Crestron Electronics
- Lutron
- Marlin
- nLight

LUMINAIRES

Information Required with Pricing

The following information must be submitted as part of the pricing.

1. Lump sum price for the light fixtures indicated.
2. Manufacturer's catalog number and cut sheet.
3. Name of manufacturer, country of origin, and model number of lamp die (or chips) and drivers
4. Lumen output and wattage (based on 48" length)
5. Rated CRI range
6. Efficacy (in lm/W)
7. All standard accessories included in the price and a list of optional accessories
8. Rated luminaire life (in hours) and lumen output at end of life (stated as a % of maximum). Luminaire life must be based on the actual lumen output. Provide test report supporting statement if requested.
9. Copy and statement of the warranty of the assembled fixture including lamp chips and drivers.

Description

Direct / Indirect, pendant mounted LED in continuous strips

- Furnish two thousand and sixty-four linear feet of fixtures. (2,064 lf)
- The fixtures will be shipped in a way to allow assembly in twenty-four runs of sixteen feet. (24@16') and eighty-four runs of twenty feet (84@20').
- Furnish six additional 48" light fixture sections for future use.
- All runs shall be configured in 48" long sections but should be shipped in optimal lengths to minimize field assembly. Maximum factory assembled length shall be twelve feet.
- Emergency lights will be powered from a remote inverter and the light locations are shown on the drawings.
- Optimal light distribution is 70-80% up / 30-20% down. No distribution shall be less than 65% up.
- Decorative trim pieces will be required at each end of each run.
- Capable of operation and dimming from a 0-10 volt control system.
- Provide all accessories necessary for cable mounting. Fixtures shall be secured to the structure. Distance from ceiling to bottom of fixture to be 2'-6". Distance from ceiling to structure approximately 2'-0".
- Provide fixtures with maximum output to be dimmed with pre-sets to achieve proper lighting level. Fixture shall deliver illumination that is free from objectionable flicker as measured by flicker index (ANSI/IES RP-16-10)
- Fixture must be capable of providing an average no less than 80fc at 30" from floor. (The drawing diagrams describe the ceiling height and reflectivity ratings of the surrounding surfaces.)
- Include the cost of providing a submittal package for approval.
- Existing wiring is recorded as 277V but must be verified in the field.
- Color temperature of 4000K.
- All fixtures shall be guaranteed for ten years against failure of lamps or drivers but using the industry standard terminology of reduced lamp output to no less than 80%.
- Fixture color: White Body material: Steel or Extruded Aluminum

Approved Luminaire Manufacturers

- Finelite HP4 ID 4 series
- Litecontrol 2L P ID LPA series
- Peerless Square SQM series

- Pinnacle EX3B series

Ambient LED Light Fixture - Proposal Pricing Form

TO: City of Chattanooga
Purchasing Department
FOR: The Public Library

FROM: _____ (name of bidder)

_____ (address)

FOR: Ambient Light Fixtures

1. This Bidder has read and understands the "Chattanooga Public Library - Ambient LED Light Fixtures and Controls- Description" dated September 16, 2016 and other City of Chattanooga purchasing requirements. This bid is made in accordance therewith.
2. This Bidder has become familiar with the local conditions under which the work is to be performed, and has correlated all observations with the requirements of the Bidding Documents.
3. This Bidder has received the following addenda: _____
4. The person who signs this bid on behalf of the Bidder is required to be legally empowered to bind the bidder to a Contract.
5. Failure to complete this Bid Form or to provide required attachments may be cause for rejection of the bid.
6. Fixture quantities are listed in the "Descriptions" section.
7. Bidder acknowledges the nine additional information requirements as part of the RFP and has listed them on separate sheets as part of this proposal.
8. Options: On a separate sheet list any options which the proposer believes will improve the quality of the fixture or result in a lower life cycle cost.

Finelite Luminaires - (lump sum for all fixtures and described accessories)

_____ Price \$ _____

Litecontrol Luminaires - (lump sum for all fixtures and described accessories)

_____ Price \$ _____

Peerless Luminaires - (lump sum for all fixtures and described accessories)

_____ Price \$ _____

Pinnacle Luminaires - (lump sum for all fixtures and described accessories)

_____ Price \$ _____

This bid is submitted by:

Authorized Signature: _____ Date: _____

Type or print

Name and Title: _____

On Behalf of _____
(Name of Bidder)

Light Fixture Controls - Proposal Pricing Form

TO: City of Chattanooga
Purchasing Department
FOR: The Public Library

FROM: _____ (name of bidder)

_____ (address)

FOR: Lighting Controls

1. This Bidder has read and understands the "Chattanooga Public Library - Ambient LED Light Fixtures and Controls- Description" dated September 16, 2016 and other City of Chattanooga purchasing requirements. This bid is made in accordance therewith.
2. This Bidder has become familiar with the local conditions under which the work is to be performed, and has correlated all observations with the requirements of the Bidding Documents.
3. This Bidder has received the following addenda: _____
4. The person who signs this bid on behalf of the Bidder is required to be legally empowered to bind the bidder to a Contract.
5. Failure to complete this Bid Form or to provide required attachments may be cause for rejection of the bid.
6. Bidder acknowledges the four additional information requirements as part of the RFP and has listed them on separate sheets as part of this proposal for each manufacturer.

Crestron Electronic Controls with Compatible Inverters

- Hard Wired (lump sum for all devices and described accessories.

_____ Price \$ _____

- Wireless (lump sum for all devices and described accessories.

_____ Price \$ _____

Lutron Controls with Compatible Inverters

- Hard Wired (lump sum for all devices and described accessories.

_____ Price \$ _____

- Wireless (lump sum for all devices and described accessories.

_____ Price \$ _____

Marlin Controls with Compatible Inverters

- Hard Wired (lump sum for all devices and described accessories.

_____ Price \$ _____

- Wireless (lump sum for all devices and described accessories.

_____ Price \$ _____

nLight Controls with Compatible Inverters

- Hard Wired (lump sum for all devices and described accessories.

_____ Price \$ _____

- Wireless (lump sum for all devices and described accessories.

_____ Price \$ _____

This bid is submitted by:

Authorized Signature: _____ Date: _____

Type or print

Name and Title: _____

On Behalf of _____

(Name of Bidder)



City of
Chattanooga
Public Library
Lighting
Renovation
1001 Broad Street
Chattanooga, TN 37402

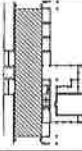
SD Set

Date: Issue Date
Drawn: Author
File: Project Number

TN P/N #

Revisions

Key Plan



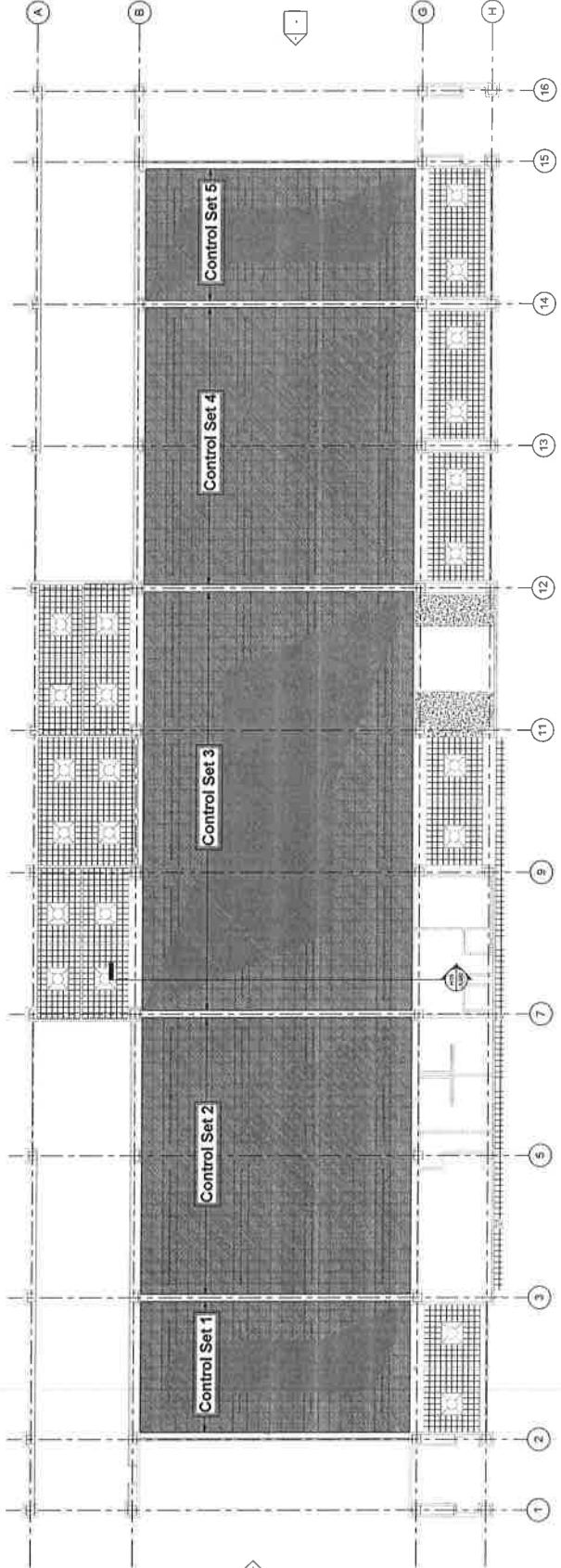
This set of drawings was prepared by the undersigned for the purpose of illustrating the proposed lighting design for the City of Chattanooga. It is not to be used for any other purpose without the written consent of the undersigned.



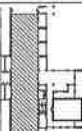
Typical Lighting
Controls Layout

Sheet No.

A101c



First Floor RCP		1/8" = 1'-0"
A18	1/8" = 1'-0"	



J18 First Floor RCP

Area	Area	Area
100	100	100

A18 Second Floor RCP

Area	Area	Area
100	100	100

Reflected Ceiling Plan Notes

- CN-1 Four 1 1/4" holes drilled thru cone girder.
- CN-2 Four 1 1/4" holes drilled thru pre-cast concrete spandrel panel.
- CN-3 New ceiling tile and grid.

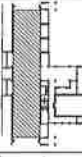


City of
 Chattanooga
 Public Library
 Lighting
 Renovation
 1001 Broad Street
 Chattanooga, TN 37402

SD Set

Date: Issue Date
 Drawn By: [blank]
 File: Project Number
 TN PM #
 Z: [blank]

Key Plan



This set of drawings was prepared by the undersigned for the City of Chattanooga, Tennessee, and is to be used for the project described herein. It is the property of the undersigned and is not to be reproduced or used for any other project without the written consent of the undersigned.

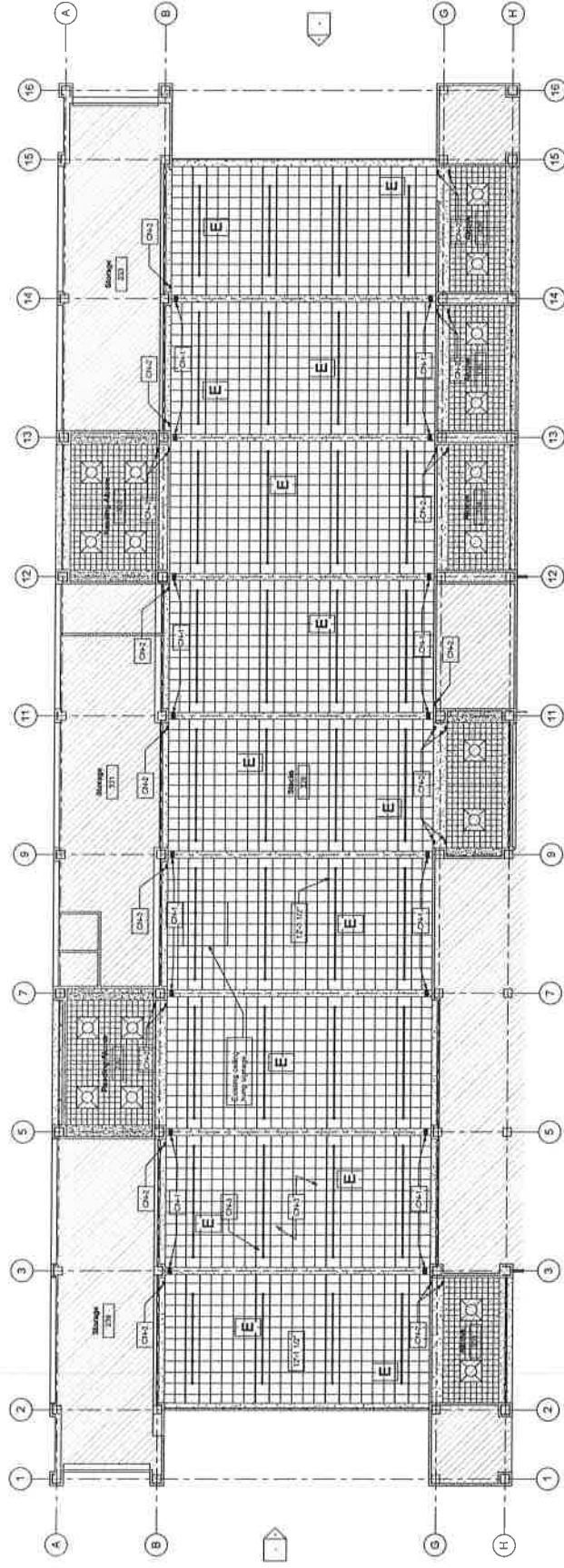


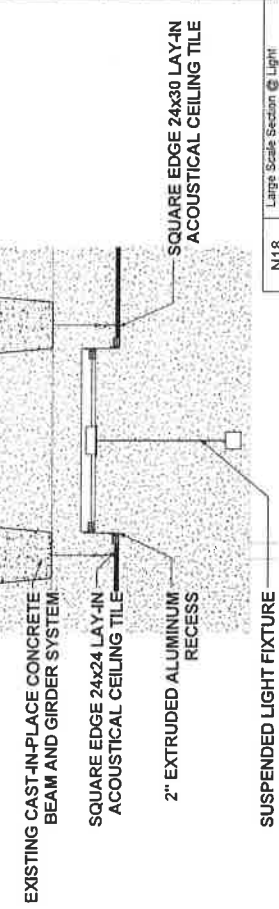
 Electronic Design

Lay-In Reflected
 Ceiling Plan Floor
 3

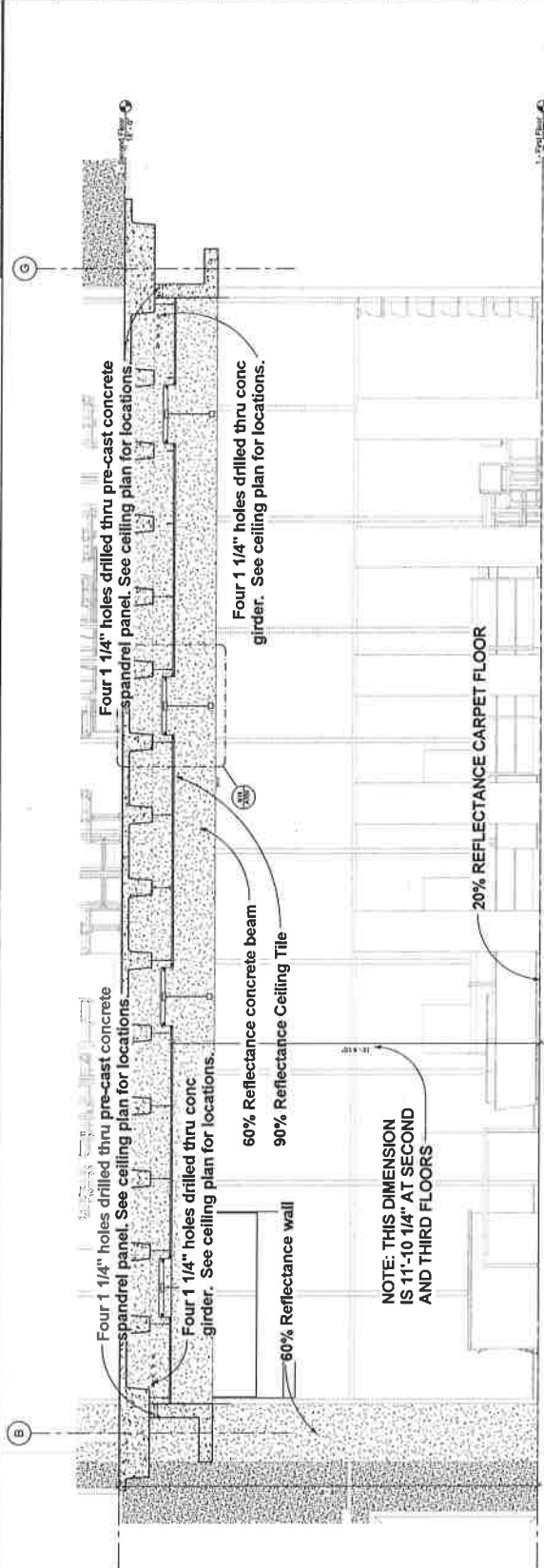
Sheet No.

A204



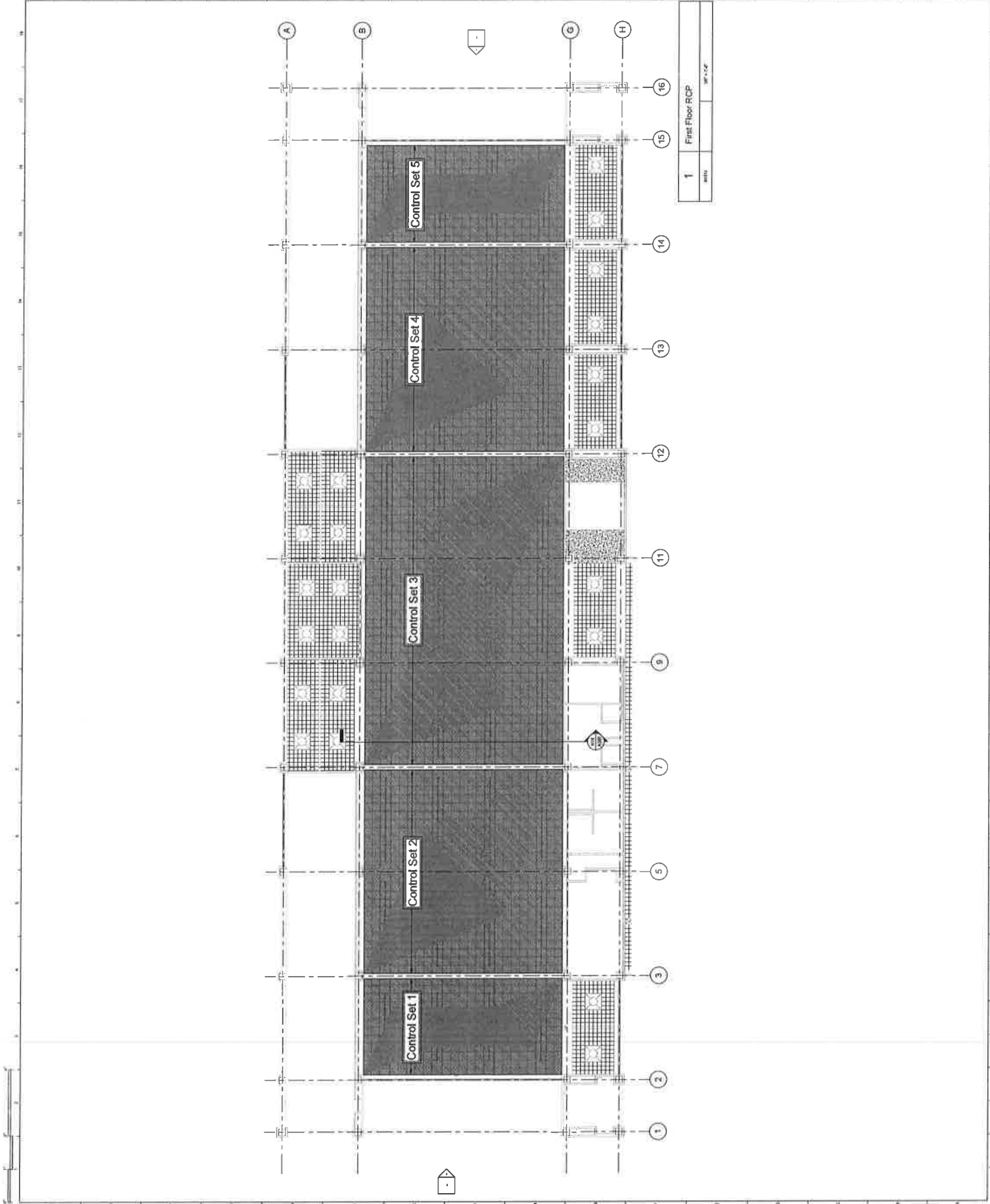


N18	Large Scale Section @ Light Fixture Recess Box	1/8" = 1'-0"
ASB		



H18	Building Section thru typ Ceiling Bay Recess Box	1/8" = 1'-0"
ASB		

FIRST FLOOR CONDITION
 NOTE THAT TWO UPPER FLOORS ARE 4'-0" LESS IN HEIGHT



Chapter No. 817 (HB0261/SB0377). "Iran Divestment Act" enacted.

Vendor Disclosure and Acknowledgement

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to § 12-12-106.

(SIGNED)

(PRINTED NAME)

(BUSINESS NAME)

(DATE)

Affirmative Action Plan

The City of Chattanooga is an equal opportunity employer and during the performance of this Contract, the Contractor agrees to abide by the equal opportunity goals of the City of Chattanooga as follows:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and the employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay, or other forms of compensation, and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. In all construction contracts or subcontracts in excess of \$10,000 to be performed for the City of Chattanooga, any contractor and/or subcontractor is further required to file in duplicate within ten (10) days of being notified that it is the lowest responsible bidder, an affirmative action plan with the EEO Director of the City of Chattanooga. This plan shall state the Contractor's goals for minority and women utilization as a percentage of the work force on this project.
5. This Plan or any attachments thereto shall further provide a list of all employees annotated by job function, race, and sex who are expected to be utilized on this project. This plan or attachment thereto shall further describe the methods by which the Contractor or Subcontractor will utilize to make good faith efforts at providing employment opportunities for minorities and women.

During the term of this contract, the Contractor upon request of the City, will make available for inspection by the City of Chattanooga copies of payroll records, personnel documents and similar records or documents that may be used to verify the Contractor's compliance with these Equal Opportunity provisions.

6. The Contractor will include the portion of the sentence immediately preceding paragraph 1 and the provisions of paragraphs 1 through 6 in every subcontract so that such provisions will be requested of each subcontractor. The Contractor agrees to notify the City of Chattanooga of any subcontractor who refuses or fails to comply with these equal opportunity provisions. Any failure or refusal to comply with these provisions the Contractor and/or Subcontractor shall be a breach of this contract.

(Signature of Contractor)

(Title and Name of Construction Company)

(Date)