



PCO #092

Ratcliff Constructors, LP
4200 Beltway Drive
Addison, Texas 75001
Phone: (972) 432-9969
Fax: (972) 432-9943

Project: 21-501 - Collin County Adult Detention Facility, Phase 1 Addition
4300 Community Avenue
McKinney, Texas 75071

Prime Contract Potential Change Order #092: RFI #258 Change X3 Light Fixtures at Exterior

Table with 4 columns: TO, FROM, PCO NUMBER/REVISION, CONTRACT, REQUEST RECEIVED FROM, CREATED BY, STATUS, CREATED DATE, REFERENCE, PRIME CONTRACT CHANGE ORDER, FIELD CHANGE, LOCATION, ACCOUNTING METHOD, SCHEDULE IMPACT, PAID IN FULL, TOTAL AMOUNT.

POTENTIAL CHANGE ORDER TITLE: RFI #258 Change X3 Light Fixtures at Exterior

CHANGE REASON: Allowance

POTENTIAL CHANGE ORDER DESCRIPTION: (The Contract Is Changed As Follows)
RFI #258 Change X3 Light Fixtures at Exterior

Provide for additional material, equipment, and labor required to replace all X3 light fixtures on the exterior per RFI #258. See backup.

ATTACHMENTS:

Table with 5 columns: #, Cost Code, Description, Type, Amount. Includes rows for Replace X3 Light Fixtures, Ratcliff Bonds, Ratcliff Fee, Subtotal, and Grand Total.

Michael Woods (Brinkley Sargent
Wiginton Architects)
5000 Quorum Drive, Suite 600
Dallas Texas 75254

Collin County
4600 Community Avenue
McKinney Texas 75071

Ratcliff Constructors, LP
4200 Beltway Drive
Addison Texas 75001

Signature of Michael Woods, Date 2-27-2024

Signature and Date for Collin County

Signature and Date for Ratcliff Constructors, LP

CO-015

SHEET 1 OF 1

PROJECT NAME Collin County ADF PROJECT NO. 23005 WE DATE \_\_\_\_\_ WORK PERFORMED \_\_\_\_\_ PHASE CODE: \_\_\_\_\_  
 DESCRIPTION OF WORK Buy 8 new type X3 for exterior RH #258

FOR Chris Perry Jr. EWA NO. \_\_\_\_\_ AUTHORIZED BY \_\_\_\_\_

| EMPLOYEE NAME | EMP CLASS | STRAIGHT TIME |         |          | LABOR PREMIUM TIME |        |        | PER-DIEM |        |        | OVERTIME |        |        | QUANTITY | DESCRIPTION            | UNIT PRICE | U | M          | EXTENDED AMOUNT                        | DESCRIPTION | EQUIP TYPE | MO         | RATE   | AMOUNT |
|---------------|-----------|---------------|---------|----------|--------------------|--------|--------|----------|--------|--------|----------|--------|--------|----------|------------------------|------------|---|------------|--|-------------|------------|------------|--------|--------|
|               |           | HOURS         | RATE    | AMOUNT   | HOURS              | RATE   | AMOUNT | Days     | RATE   | AMOUNT | HOURS    | RATE   | AMOUNT |          |                        |            |   |            |  |             |            |            |        |        |
| Julio Torres  | PM        | 4             | \$95.10 | \$380.40 | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | 8        | type X3 light fixtures | \$379.02   | E | \$3,032.19 | Mini Excavator                         | T           | 0          | \$0.00     | \$0.00 |        |
| Gregory Radil | JM        | 2             | \$51.21 | \$102.42 | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Skidsteer                              | T           | 0          | \$0.00     | \$0.00 |        |
|               | HP        |               | \$38.04 | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Jackhammer                             | T           | 0          | \$0.00     | \$0.00 |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Packer                                 | T           | 0          | \$0.00     | \$0.00 |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Core Drill                             | T           | 0          | \$850.00   | \$0.00 |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Scissor Lift                           | T           | 0          | \$2,040.00 | \$0.00 |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Company Truck                          | C           | 0          | \$750.00   | \$0.00 |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | 40' Aerial Lift                        | T           | 0          | \$0.00     | \$0.00 |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Fuel, Oil & Lube for 3rd Party         |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Freight for 3rd Party                  |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | "T" 3rd Party Equip. - Sheet Sub-Total |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Markup - 3rd Party Only                |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Equipment Tax - 3rd Party              |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | "C" Company Owned - Sheet Sub-Total    |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Sales Tax                              |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | TOTAL LABOR (This Sheet)               |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | TOTAL EQUIPMENT (This Sheet)           |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | OH                                     |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | Markup                                 |             |            | \$         | \$     |        |
|               |           |               | \$0.00  | \$0.00   | \$0.00             | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 | \$0.00   | \$0.00 | \$0.00 |          |                        |            |   | \$0.00     | GRAND TOTAL                            |             |            | \$         | \$     |        |

IN LIEU OF SIGNATURE, PLEASE ADVISE IMMEDIATELY IF ANY OF THE ABOVE DOES NOT AGREE WITH YOUR RECORDS.

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 BY \_\_\_\_\_ COMPANY \_\_\_\_\_  
 CLIENT AUTHORIZED EXTRA WORK APPROVER \_\_\_\_\_

REMARKS: \_\_\_\_\_

**GREEN SHEETS**

Project Name

Collin County ADF

**ELECTRICAL**

Last Verification:

12/03/2013 10:05 AM

Proposal No.

ESTIMATOR

12.00

\$3,032.19

| NO. | CODE    | DET QTY | MATERIAL/DESCRIPTION | QUANTITY | LABOR UNIT | U/M | LABOR EXTENSION | MATERIAL PRICE | U/M | MATERIAL EXTENSION |
|-----|---------|---------|----------------------|----------|------------|-----|-----------------|----------------|-----|--------------------|
|     | TYPE 3X | 8       | Exterior Light       | 8        | 1.500      | EA  | 12.00           | \$379.02       | EA  | \$3,032            |
|     |         |         |                      |          |            |     |                 |                |     |                    |



## FEATURES & SPECIFICATIONS

**INTENDED USE** — Ideal for applications requiring low-profile, attractive emergency lighting with Optional normally-off or normally-on with photocell control. Provides a minimum of 90 minutes of illumination both indoors and outdoors upon loss of AC power. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

**CONSTRUCTION** — Compact, low-profile, architectural design with die-cast aluminum housing. Finishes are texturized powder coat paint for dark bronze, white, black and non-texturized for natural aluminum. Test switch indicator light and remote enabled are located on the bottom of the housing and are easily accessible and visible from the floor.

**OPTICS** — LEDs with L70 of 55,000 hours. Delivers 635 lumens in Normal-On and Emergency operation. Optional field configurable for wide and forward throw distribution (**U.S. Patent No. - US10236712 B2**). Outdoor wide throw distribution: 70' (3' path of egress) at a 7.5' mounting height with 1 FC Average. 4,000K correlated color temperature (CCT).

70 CRI.

**ELECTRICAL** — UVOLT (120 thru 347V, 50/60hz). Current-limiting charger maximizes battery life and minimizes energy consumption to provide low operating costs. Small battery chargers Certified in the CA Title 20 Appliance Efficiency Database

Short-circuit protection — current-limiting charger circuitry protects printed circuit board from shorts. Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages.

Prevents over/undercharging that shortens battery life and reduces capacity. Filtered charger input minimizes charge voltage ripple and extends battery life.

Photocell option (PEL) for normally on product in order to discontinue illumination during periods when ambient light is present. Photocell option (PEL) for normally on products allow the user to force lamp illumination by user control (external switch). When power is not connected to switched line, illumination will respond to internal daylight sensor. For switched line applications, no other types of products shall be connected on the switched leg.

Remote units (OELR) are normally off. Emergency only functionality with DC power from an external battery.

**BATTERY:** Sealed, maintenance-free Lithium Iron Phosphate battery.

**SELF-DIAGNOSTICS AND REMOTE TEST (SDRT OPTION):** Automatic 24-hour recharge after a 90-minute discharge. Advanced electrical design provides constant light output throughout the entire discharge period for non-CW batteries. (For cold weather and cold temperature applications, the light may diminish though the discharge cycle). Brownout protection is automatically switched to emergency mode when supply voltage drops below approximately 80 percent nominal of 120, 220, 277 or 347. Other input voltages may vary. AC/LVD re-set allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Self-Diagnostics: Continuously monitors AC functionality. Standard derangement monitoring will indicate disconnected battery, charger failure and displays green flashing indicator light while in emergency mode. Single multi-chromatic LED indicator to display two-state charging, test activation and three-state self-diagnostics.

Self-diagnostic testing: Five minutes every 30 days and 90 minutes annually. Diagnostic evaluation of lamps, AC to DC transfer, battery charging and condition of microprocessor. Automatic test is easily postponed for eight hours by activating manual test switch or use of remote tester (RTKIT accessory).

Manual testing: Test switch and remote tester (RTKIT accessory) provides manual activation of 60-second diagnostic testing for on-demand visual inspection. 90 minute manual testing can be enabled by pressing the test switch again while in test mode.

**INSTALLATION** — Wall mount: typically meets 7.5' to 14' mounting height from ground or floor. Power supplied by either mounting directly to a 4" square or 4" octagon j-box (wall mount) and accepts rigid or flex conduit.

**LISTINGS** — UL wet location listed standard at 32-122°F (0-50°C). Unit with CW battery (cold weather) listed for -22°F to 122°F (-30° to 50°C). Remote listed for -40°F to 122°F (-40° to 50°C). Meets or exceeds all applicable requirements for UL 924, NFPA 101 (current Life Safety code), NFPA 70 (NEC), NOM (Norma Oficial Mexicana), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B and OSHA. List and labeled to comply with Canadian Standards C22.2 No. 141-10. Meets City of Chicago Code.

**BUY AMERICAN ACT** — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

## AFFINITY® Premium Die-Cast Architectural Emergency Light

# AFF



without photocell (white)



without photocell (natural aluminum)



with photocell (white)

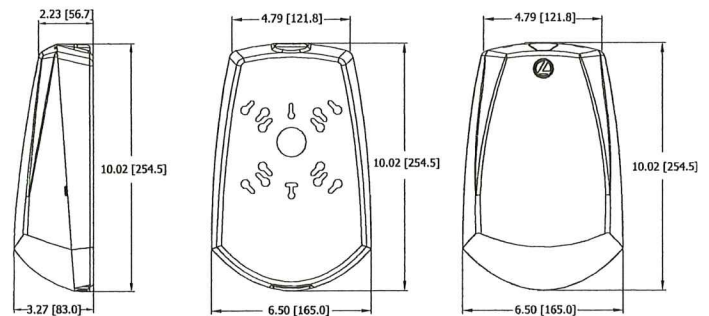


with photocell (dark bronze)

## MOUNTING

All dimensions are inches (centimeters).  
Shipping weight: 3.5 lbs. (1.59 kgs.)

Length: 6 1/2 (16.51)  
Depth: 3 27/100 (8.30)  
Height: 10 (25.45)  
Weight : 3.5 lbs ( 1.59kg)



† Small Battery Chargers Certified in the CA Title 20 Appliance Efficiency Database.



# AFF Affinity® Premium Die-Cast Architectural Emergency Light

## SELF-POWERED MODELS

### ORDERING INFORMATION

For the shortest lead times, configure product using **bolded options**.

**Example:** AFF PEL DWHGXD UVOLT LTP SDRT WT

| Series                      | Unit Type <sup>1</sup>   | Housing Color   | Voltage                          | Battery Type                      | Automatic Testing                        | Optics   | Options  |
|-----------------------------|--|---|----------------------------------|-----------------------------------|--|--|--|
| <b>AFF</b> AFFINITY Premium | <b>PEL</b> Photocell: Normally-ON with internal battery<br><b>OEL</b> Normally-OFF with internal battery | <b>DWHGXD</b> White textured<br><b>DBLBXD</b> Black textured<br><b>DNAXD</b> Natural aluminum<br><b>DDBTXD</b> Dark bronze textured | <b>UVOLT</b> 120-347VAC, 50/60Hz | <b>LTP</b> Lithium Iron Phosphate | <b>SDRT</b> Self-diagnostics remote test | <b>WT</b> Wide Throw<br><b>FCT</b> Field configurable throw <sup>2</sup> | <b>CW</b> Cold Weather (-30 - 50C)<br>BAA Buy America(n) Act Compliant |

#### Notes

<sup>1</sup> AFF with internal battery is not remote capable.

## REMOTE MODELS listed for -40°F to 122°F (-40° to 50°C)

### ORDERING INFORMATION

For the shortest lead times, configure product using **bolded options**.

**Example:** AFF OELR DWHGXD WT

| Series                      | Unit Type   | Housing Color   | Voltage                                       | Optics   | Options                          |
|-----------------------------|---|---|---|--|----------------------------------|
| <b>AFF</b> AFFINITY Premium | <b>OELR</b> Remote fixture, Normally OFF (requires external battery source) | <b>DWHGXD</b> White textured<br><b>DBLBXD</b> Black textured<br><b>DNAXD</b> Natural aluminum<br><b>DDBTXD</b> Dark bronze textured | <b>(blank)</b> Universal DC voltage (8-30VDC) | <b>WT</b> Wide Throw<br><b>FCT</b> Field configurable throw <sup>1</sup> | BAA Buy America(n) Act Compliant |

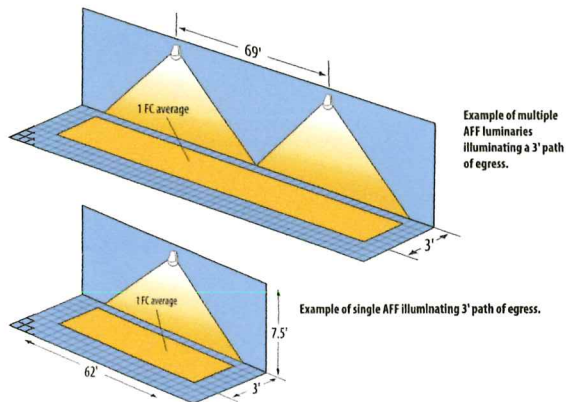
#### Notes

<sup>1</sup> FCT optics ships standard in the WT (wide throw) mode. Upon installation, configuration can be changed to the FCT mode.

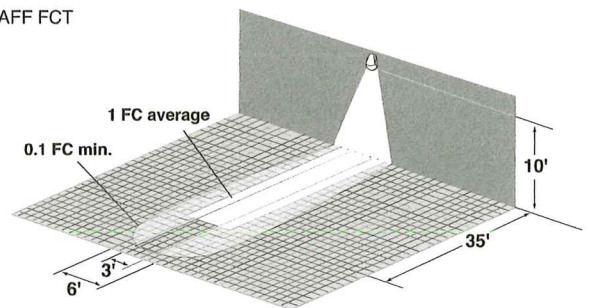
**Accessories:** Order as separate catalog number.

RTKIT Remote test kit, up to 40' away (includes goggles, laser and battery)

## AFF SPACING GUIDELINES



AFF FCT



### Maximum Spacing Guidelines - AFF (WT)

| Mounting Height | Illumination Level | Single Luminaire  |                   | Multiple Luminaire |                   | Application Notes *                      |
|-----------------|--------------------|-------------------|-------------------|--------------------|-------------------|--|
|                 |                    | 3' Path of Egress | 6' Path of Egress | 3' Path of Egress  | 6' Path of Egress |  |
| 7.5'            | 1FC Avg            | 62'               | 46'               | 69'                | 53'               | 200' Open Space<br>80/50/20 reflectances |
| 10'             |                    | 48'               | 34'               | 55'                | 46'               |  |
| 12'             |                    | 28'               | 22'               | 46'                | 41'               |  |
| 14'             |                    | 6'                | N/A               | 38'                | 36'               |  |

\* Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.

### Maximum Spacing Guidelines - AFF (FCT)

| Mounting Height | Illumination Level | Single Luminaire  |                   | Application Notes *                      |
|-----------------|--------------------|-------------------|-------------------|--|
|                 |                    | 3' Path of Egress | 6' Path of Egress |  |
| 7.5'            | 1FC Avg            | 24'               | 23'               | 200' Open Space<br>80/50/20 reflectances |
| 10'             |                    | 35'               | 35'               |  |
| 12'             |                    | 37'               | 31'               |  |
| 14'             |                    | 31'               | N/A               |  |

\* Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.



# AFF Affinity® Premium Die-Cast Architectural Emergency Light

## SPECIFICATIONS

### Electrical: Primary Circuit

| Unit Type | Battery Type | Input Voltage(V) | Input Current(A) | Watts(W) |
|-----------|--------------|------------------|------------------|----------|
| PEL WT    | LTP          | 120-347          | 0.053-0.086      | 11.28    |
|           | LTP CW       | 120-347          | 0.089-0.167      | 20.39    |
| PEL FCT   | LTP          | 120-347          | 0.053-0.086      | 11.28    |
|           | LTP CW       | 120-347          | 0.089-0.167      | 20.39    |
| OEL WT    | LTP          | 120-347          | 0.025-0.032      | 2.50     |
|           | LTP CW       | 120-347          | 0.075-0.097      | 11.60    |
| OEL FCT   | LTP          | 120-347          | 0.025-0.032      | 2.50     |
|           | LTP CW       | 120-347          | 0.075-0.097      | 11.60    |
| OELR WT   | N/A          | 8-30             | 0.248 - 1.225    | 8.57*    |
| OELR FCT  | N/A          | 8-30             | 0.254 - 1.168    | 8.22*    |

\*OELR watts data is in addition to the lamp heads on the product

### BATTERY

| Lithium Iron Phosphate |         |                                 |                           |                          |                                  |
|------------------------|---------|---------------------------------|---------------------------|--------------------------|----------------------------------|
| Type                   | Voltage | Typical Shelf Life <sup>1</sup> | Typical Life <sup>1</sup> | Maintenance <sup>2</sup> | Temperature range <sup>3,4</sup> |
| STD                    | 12.8V   | 1 year                          | 6-8 years                 | none                     | 32 - 122°F (0 - 50°C)            |
| CW                     | 12.8V   | 1 year                          | 6-8 years                 | none                     | -22 - 122°F (-30 - 50°C)         |

#### Notes

- 1 At 77°F (25°C).
- 2 Battery life is negatively impacted by many variables including temperature, charging rates, number of cycles and deep discharges due to long periods of time without AC power.
- 3 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
- 4 Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. See option packages for expanded temperature ranges.



**Ratcliff Constructors, LP**  
 4200 Beltway Drive  
 Addison, Texas 75001  
 P: (972) 432-9969  
 F: (972) 432-9943

**Project: 21-501 Collin County Adult Detention Facility, Phase 1 Addition**  
 4300 Community Avenue  
 McKinney, Texas 75071

## RFI #258: X3 Emergency Lightss are not Designed for Exterior Conditions

|                        |  |                        |   |
|------------------------|--|------------------------|---|
| <b>Status</b>          | Open   |                        |   |
| <b>To</b>              | Michael Woods (Brinkley Sargent Wiginton Architects)<br>Jason Mansur (MD Engineering, LLP - MEP Engineer)              | <b>From</b>            | Zach Reynolds (Ratcliff Constructors, LP)<br>4200 Beltway Drive<br>Addison, Texas 75001 |
| <b>Date Initiated</b>  | Jan 16, 2024   | <b>Due Date</b>        | Jan 23, 2024  |
| <b>Location</b>        |  | <b>Project Stage</b>   |   |
| <b>Cost Impact</b>     |  | <b>Schedule Impact</b> |   |
| <b>Spec Section</b>    |  | <b>Cost Code</b>       |   |
| <b>Drawing Number</b>  |  | <b>Reference</b>       |   |
| <b>Linked Drawings</b> |  |                        |   |
| <b>Received From</b>   | Willy Jovel (BTX Construction Group LLC)   |                        |   |
| <b>Copies To</b>       | Brian Odom (Ratcliff Constructors, LP), CJ Perry (Ratcliff Constructors, LP), Shane Worley (Ratcliff Constructors, LP) |                        |   |

### Activity

|                          |   |
|--------------------------|---|
| <b>Question</b>          | <p><b>Question from Zach Reynolds Ratcliff Constructors, LP on Tuesday, Jan 16, 2024 at 05:18 PM CST</b></p> <p>In our meeting this week, we discussed that we have 8 type X3 exit lights called out for the exterior to go above the exterior doors. However we discussed this fixture type is not designed to go at wet locations, or at the exterior. Please provide a wall pack model that is designed for exterior locations, that is readily available for we can keep our schedule.</p>  |
| <b>Official Response</b> | <p><b>Response from Jason Mansur MD Engineering, LLP - MEP Engineer on Friday, Feb 23, 2024 at 12:54 PM CST</b></p> <p>Provide Lithonia<br/>       AFF OEL DDBTXD UVOLT LTP SDRT WT CW</p>  |
| <b>Official Response</b> | <p><b>Response from Jason Mansur MD Engineering, LLP - MEP Engineer on Monday, Jan 29, 2024 at 04:09 PM CST</b></p> <p>Here are 4 we recommend:<br/>       EXTERIOR EGRESS NORMALLY OFF EMERGENCY LIGHT, MOUNT 6" ABOVE DOOR FRAME, BRONZE FINISH, SELF POWERED BATTERY BACKUP, SELF DIAGNOSTIC TESTING, COLD WEATHER RATED EVENLITE WW EM BZ CT (STANDARD IS RATED FOR 0° C / OPTION -25° C) LITHONIA AFF OEL DDBTXD UVOLT LTP SDRT WT CW (STANDARD IS RATED FOR 0° C / OPTION -30° C) DUAL LITE PGZ HTR (STANDARD IS RATED FOR 0° C / OPTION -30° C) SIGNTEX MOE BB 7 B (STANDARD IS RATED FOR -20° C / AVAILABLE -40° C VERY COLD LOCATIONS)</p> |
| <b>All Replies</b>       | <p><b>Response from Jason Mansur MD Engineering, LLP - MEP Engineer on Friday, Feb 23, 2024 at 12:54 PM CST</b></p> <p>Provide Lithonia<br/>       AFF OEL DDBTXD UVOLT LTP SDRT WT CW</p>  |

## Chris Perry, Jr.

---

**From:** Michael Woods <mwoods@bsw-architects.com>  
**Sent:** Monday, February 26, 2024 9:46 AM  
**To:** Jason Mansur; Chris Perry, Jr.  
**Cc:** Brad Harris - Collin County Jail Owners Rep; Shane Worley; Brian Odom; Zachary Reynolds  
**Subject:** RE: RFI #258: X3 Emergency Lights are not Designed for Exterior Conditions

Bronze is fine.

**Michael Woods**  
BRINKLEY SARGENT WIGINTON ARCHITECTS

**From:** Jason Mansur <JMansur@md-eng.com>  
**Sent:** Monday, February 26, 2024 9:40 AM  
**To:** Chris Perry, Jr. <cj.perry@ratcliffconstructors.com>; Michael Woods <mwoods@bsw-architects.com>  
**Cc:** Brad Harris - Collin County Jail Owners Rep <bjharris@co.collin.tx.us>; Shane Worley <Shane.Worley@ratcliffconstructors.com>; Brian Odom <Brian.Odom@ratcliffconstructors.com>; Zachary Reynolds <Zachary.reynolds@ratcliffconstructors.com>  
**Subject:** RE: RFI #258: X3 Emergency Lights are not Designed for Exterior Conditions

I would recommend BRONZE, but that is up to Michael W

Jason Mansur | **MD Engineering**  
Texas Registered Engineering Firm F-7489  
1255 W 15<sup>th</sup> Street, Suite 300  
Plano, Texas 75075

469.284.9678 Direct  
469.467.0200 Office  
469.467.0300 Fax  
469.576.6518 Cell

[www.md-eng.com](http://www.md-eng.com)

**\*\*For Construction Administration items and questions please send all correspondence to [mdengca@md-eng.com](mailto:mdengca@md-eng.com).\*\***

This message, including any attachments, contains confidential information intended for a specific individual and purpose, and is protected by law. If you are not the intended recipient, you should delete this message. Any disclosure, copying, or distribution of this message, or the taking of any action based on it, is strictly prohibited.

**From:** Chris Perry, Jr. <[cj.perry@ratcliffconstructors.com](mailto:cj.perry@ratcliffconstructors.com)>  
**Sent:** Friday, February 23, 2024 11:48 AM  
**To:** Jason Mansur <[JMansur@md-eng.com](mailto:JMansur@md-eng.com)>; [mwoods@bsw-architects.com](mailto:mwoods@bsw-architects.com)  
**Cc:** Brad Harris - Collin County Jail Owners Rep <[bjharris@co.collin.tx.us](mailto:bjharris@co.collin.tx.us)>; Shane Worley <[Shane.Worley@ratcliffconstructors.com](mailto:Shane.Worley@ratcliffconstructors.com)>; Brian Odom <[Brian.Odom@ratcliffconstructors.com](mailto:Brian.Odom@ratcliffconstructors.com)>; Zachary Reynolds <[Zachary.reynolds@ratcliffconstructors.com](mailto:Zachary.reynolds@ratcliffconstructors.com)>  
**Subject:** RFI #258: X3 Emergency Lights are not Designed for Exterior Conditions



Jason / Michael,

Please select from the attached (finish as well) X3 replacement fixtures options so we can finalize and submit pricing.

Thanks,

**Christopher Perry Jr.**

Project Manager | Ratcliff Constructors, L.P.



4200 Beltway Drive, Addison Tx 75001

972-432-9969 Office | 469-855-7192 Cell

[cj.perry@ratcliffconstructors.com](mailto:cj.perry@ratcliffconstructors.com)