



**City of Phoenix
Office of the City Engineer
Design and Construction Procurement**

**JOC 234
STREET, PATHWAY, AND WALL PACK LIGHTING INSTALLATION
2-STEP JOB ORDER CONTRACT**

ADDENDUM NO. 1

ISSUE DATE: May 6, 2025

Bidders are hereby notified that the Bidding and Contract Documents for the above project, for which SOQs are to be received on May 16, 2025, are amended as follows:

1. Delete the following section in its entirety and replace with the following section:
 - a. Delete Appendix B – Sample Project Information, and replace with the following:

See attachment Appendix B – Sample Project Information

END OF ADDENDUM

A handwritten signature in black ink that reads "Heather Roye".

Heather Roye
Contracts Specialist II
602-261-8894

APPENDIX B – SAMPLE PROJECT INFORMATION

The attached plan is an example of a typical Traffic Services streetlight installation construction plan. For this project, 35th Avenue: Roosevelt Street to I-10, the City is requesting new overhead fed streetlights. Included in the sample packet are the Notice to Proceed and streetlight plans.



March 5, 2025

Name
Company A
1034 E. Madison St.
Phoenix, AZ 85032

CITY OF PHOENIX PROJECT NO.: ST85160013-1 GL: 510132
DESCRIPTION:
VENDOR NUMBER: XXXXXXX
CONTRACT NUMBER: XXXXXXX

Dear xxxxxxx,

This letter is your **NOTICE TO PROCEED** with the work under this project and establishes a starting date of July 1, 2025. According to this agreement, all work must be completed within 180 days of this Notice to Proceed, for a total cost of \$125,000.

Refer all questions relating to the project to Jason Fernandez in the Traffic Services Division by email at jason.fernandez@phoenix.gov or by phone at 602-262-6206.

Please sign the Notice to Proceed letter and return the letter by email to James Ficarra at james.ficarra@phoenix.gov with a copy to Maria Munoz at maria.munoz@phoenix.gov. Please include project number ST85160013-1, GL 510130 and your contract number on all invoices.

Sincerely,

Acknowledgement:

Jason Fernandez
Plan Review Coordinator

Representative
Company A Contracting

c: Jeanette Arthur, Finance
Chris Nipar, Fiscal
Briana Velez, STR
Marcelino Nava, STR
James Ficarra, STR
STR Central Records
Equal Opportunity Department
STR Contract Procurement

CITY OF PHOENIX STREET LIGHTING

35TH AVENUE: ROOSEVELT ST TO I-10

100% PLANS
NOT FOR
CONSTRUCTION

F.H.W.A.
REGION

9

STATE

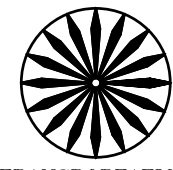
ARIZ.

PROJ. NO.

ST89330282

NO.

TOTAL



YSMA

TRANSPORTATION ENGINEERING SOLUTIONS

430 W. WARNER RD,
SUITE A111
TEMPE, AZ 85284
PHONE: (480) 247-3702
FAX: (480) 961-8667

DR: VM

DES: VM

CK: MP

DATE: 09/21

STREET LIGHTING GENERAL NOTES

- THE FOLLOWING INFORMATION IS PROVIDED TO EMPHASIZE CRITICAL WORK AND IS INTENDED TO SUPPLEMENT THE SPECIFICATIONS.
1.

THE CONTRACTOR SHALL COMPLY WITH STATE AND CITY STATUTES AND ORDINANCES.
2.

PRIOR TO SUBMITTAL, THE STREET LIGHT DESIGNER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT.
3.

THE STREET LIGHT DESIGNER SHOULD VERIFY DIMENSIONS AT THE SITE AND IMMEDIATELY REPORT DIFFERENCES TO THE DEVELOPER'S CONSTRUCTION MANAGER AND NOT PROCEED WITH WORK UNTIL THE CONSTRUCTION MANAGER RENDERS A DECISION.
4.

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTORS OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN CITY OF PHOENIX RIGHT-OF-WAY.
5.

ONE DRY UTILITY PERMIT FOR EACH CITY OF PHOENIX STREET LIGHT PROJECT, OR PHASE IF A MULTI-PHASE PROJECT, SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
6.

LIGHT POLES SHALL BE INSTALLED PLUMB, BE ADJUSTED TO PROVIDE PROPER ALIGNMENT TO THE ROADWAY BEING LIGHTED AND BE PROPERLY GROUNDED WHEN THE INSTALLATION IS COMPLETED.
7.

STREET LIGHTS ARE INSPECTED BY THE UTILITY COMPANY AND BY CITY OF PHOENIX. WHEN ACCEPTED AND ENERGIZED, THE UTILITY COMPANY WILL INSTALL A STREET LIGHT NUMBER ON EACH POLE.
8.

LUMINAIRES SHALL BE INSTALLED LEVEL AND INCLUDE A LAMP AND PHOTOCELL. THE PHOTOCELL SHALL BE INSTALLED WITH THE PHOTO-EYE FACING NORTH. THE LUMINAIRES SHALL BE FREE OF DUST, DIRT OR ANYTHING THAT WOULD IMPAIR THE OUTPUT OF THE LIGHT.
9.

POLE SHALL BE SET PLUMB IN TWO DIRECTIONS, NINETY (90) DEGREES APART.
10.

SURPLUS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.
11.

WIRING SHALL BE INSTALLED PER SERVING UTILITY COMPANY STANDARDS. CONDUIT SHALL BE INSTALLED AT THE DEPTH SPECIFIED ON THEIR PLANS.
12.

CONDUIT MUST BE UL RATED AND SUITABLE FOR UNDERGROUND USE PER UTILITY COMPANY REQUIREMENT.
13.

CONNECTIONS SHALL BE PER SERVING UTILITY COMPANY STANDARDS. EACH POLE SHALL HAVE A 8" X 5/8" COPPER CLAD GROUND ROD DRIVEN BENEATH PULL BOX. A #6 BARE COPPER LEAD FROM THE GROUND ROD IN PULL BOX TO LANDING LUG IN STREET LIGHT POLE HAND HOLE IS REQUIRED.
14.

EXCAVATION FOR PULL BOXES AND MATERIAL SPECIFICATIONS SHALL BE PER SERVING UTILITY COMPANY STANDARDS.
15.

TRENCHES SHALL BE INSTALLED PER SERVING UTILITY COMPANY STANDARDS. THE USE OF A COMMON ELECTRIC UTILITY COMPANY TRENCH IS PERMITTED.
16.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANY FOR COORDINATION OF THE TRENCHING AND THE INSTALLATION OF CONDUIT.

STREET LIGHTING GENERAL NOTES (CONTNUED)

17.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL PROPERTY, LANDSCAPING, PAVING AND DRIVEWAYS THAT ARE DISTURBED DURING STREET LIGHT CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH MAG SPECIFICATION SECTION 107.9.
18.

PRIOR TO ACCEPTANCE, THE DEVELOPER SHALL ENERGIZE AND OPERATE THE ENTIRE ROADWAY LIGHTING SYSTEM, FROM SUNSET TO SUNRISE FOR TWO (2) CONSECUTIVE DAYS WITHOUT INTERRUPTION OR FAILURE. IF A LUMINAIRE SHOULD FAIL, IT SHALL BE IMMEDIATELY REPLACED. THE DEVELOPER SHALL BE RESPONSIBLE FOR FURNISHING ALL PERSONNEL AND EQUIPMENT TO SUCCESSFULLY PERFORM THIS TEST.
19.

THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEERING MANAGER AGAINST IMPERFECT WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT DUE TO FAULTY OR IMPERFECT WORKMANSHIP. THE CONTRACTOR SHALL PROVIDE TO THE CITY A TEN-YEAR MANUFACTURER'S WARRANTY FOR THE LED LUMINAIRES (FIXTURES ONLY)
20.

THIS GUARANTEE IS TO BE IN WRITING TO THE CITY AT THE TIME OF ISSUING FINAL ACCEPTANCE. MATERIALS AND WORKMANSHIP FOUND TO BE DEFECTIVE WITHIN THE ONE-YEAR GUARANTEE SHALL BE REPLACED WITHOUT COST TO THE CITY.

LED STREETLIGHT NOTES

- LOCAL

1

INSTALL ONE 39W LED (4,700 LUMEN) FIXTURE WITH PHOTOELECTRIC CONTROL ON A 30'-6" POLE WITH A 6' MAST ARM PER APS DETAIL AND SPECIFICATIONS. FOUNDATION AND GROUNDING PER APS STANDARDS AND SPECIFICATIONS. POLE SHALL BE CENTERED D 1'-0" BEHIND BACK OF SIDEWALK OR 4' BEHIND BACK OF CURB. INSTALL (2) #12 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. INSTALL APS PULL BOX ADJACENT POLE WITH 1" FLEX CONDUIT TO POLE PER APS SPECIFICATIONS AND REQUIREMENTS. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.
- COLLECTOR

2

APS FORCES TO INSTALL CONTRACTOR SUPPLIED 6' MAST ARM AND 71W LED (7,600 LUMEN) FIXTURE WITH PHOTOELECTRIC CONTROL ON AN EXISTING APS POWER POLE PER APS DETAIL AND SPECIFICATIONS.
- ARTERIAL

3

INSTALL ONE 97W LED (9,250 LUMEN) FIXTURE WITH PHOTOELECTRIC CONTROL ON A 38'-6" POLE WITH A 6' MAST ARM PER APS DETAIL AND SPECIFICATIONS. FOUNDATION AND GROUNDING PER APS STANDARDS AND SPECIFICATIONS. POLE SHALL BE CENTERED 1'-0" BEHIND BACK OF SIDEWALK OR 4' BEHIND BACK OF CURB. INSTALL (2) #12 THHN/THWN FROM LUMINAIRE TO FUSE HOLDER IN POLE. INSTALL APS PULL BOX ADJACENT POLE WITH 1" FLEX CONDUIT TO POLE PER APS SPECIFICATIONS AND REQUIREMENTS. ALL WIRING, FUSING, AND GROUNDING PER APS DETAILS AND SPECIFICATIONS.

ARIZONA PUBLIC SERVICE (APS) NOTES

1.

THE CONTRACTOR SHALL CONTACT APS INSPECTOR IDENTIFIED ON THE APS CONSTRUCTION DRAWING FOR PRE-CONSTRUCTION MEETING PRIOR TO ANY EXCAVATION.
2.

THE CONTRACTOR SHALL SUPPLY ALL TRENCH AND CONDUIT PER APS REQUIREMENTS, UNLESS OTHERWISE NOTED.
3.

A GRADE STAKE SHALL BE SET WITHIN TWO (2) FEET OF THE J-BOX LOCATION.
4.

THE CONTRACTOR WILL COORDINATE WITH APS AND CITY OF PHOENIX FOR DE-ENERGIZING OF STREETLIGHT CONDUCTOR.
5.

A GROUND ROD SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. THE GROUND ROD SHALL BE DRIVEN FLUSH OUTSIDE THE APS J-BOX AT EACH STREETLIGHT LOCATION.
6.

IF THE CONTRACTOR INSTALLS THE POLE, A BARE #6 COPPER GROUND WIRE SHALL BE CONNECTED FROM THE GROUND ROD TO THE GROUND CONNECTION IN THE HAND HOLE..
7.

ALL TRENCH AND CONDUIT TO BE INSPECTED BY APS. DO NOT BACKFILL UNTIL INSPECTED.
8.

APS CONSTRUCTION PRINT MUST BE USED AS A TRENCHING REFERENCE. TRENCHING VARIATIONS MUST HAVE WRITTEN APS CSR APPROVAL. FOLLOW DETAILS FOR CONSTRUCTION. VARIATIONS IN TRENCH ROUTE MAY RESULT IN A REDESIGN FEE PAYABLE BY THE CONTRACTOR.
9.

CONTACT APS FOR ALL TRENCH AND CONDUIT SPECIFICATIONS AND REQUIREMENTS.
10.

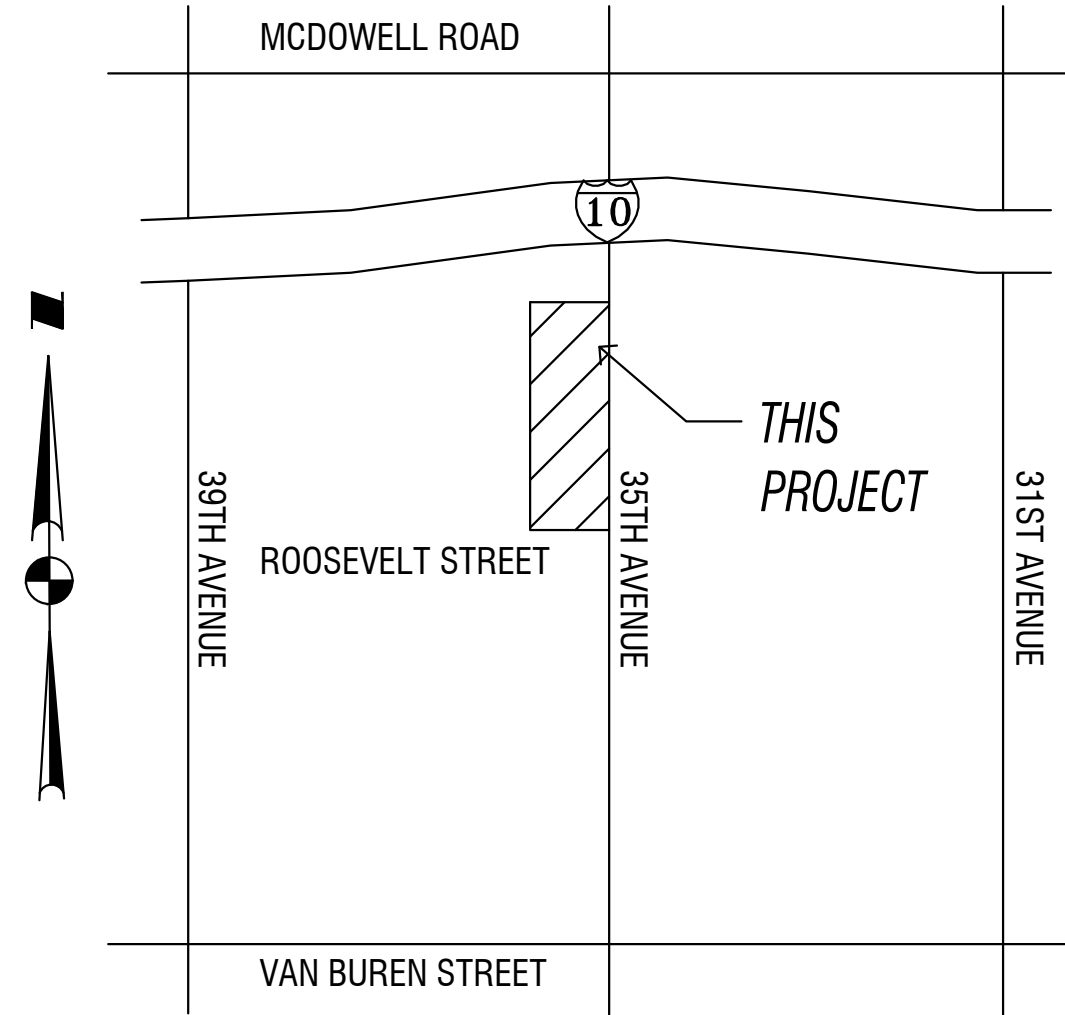
THE CONTRACTOR IS RESPONSIBLE FOR THE INTEGRITY OF ALL CONDUITS UNTIL APS HAS INSTALLED CONDUCTORS.
11.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING REQUIRED VARIANCES PRIOR TO SUBMITTING CIP DRAWINGS TO THE UTILITIES.
12.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING VERTICAL AND HORIZONTAL CLEARANCES TO EXISTING OVERHEAD LINES AND POLES WHEN PLACING NEW STREETLIGHTS.

SHEET INDEX

COVER SHEET	SL 1
STREET LIGHT PLAN	SL 2
DETAIL SHEETS	SL 3

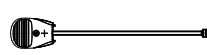



VICINITY MAP
N.T.S.


GRAY ROADWAY LED STREETLIGHT POLE AND LUMINAIRE SPECIFICATIONS

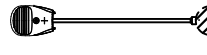
ITEM NUMBER	TYPE OF STREET	QUANTITY	MOUNTING HEIGHT	POLE LENGTH	MAST ARM	APPROVED POLE & ARM MANUFACTURERS	LUMEN	TYPE	WATTAGE	VOLTAGE	LUMINAIRE STYLE	APPROVED LUMINAIRE MANUFACTURERS
1	LOCAL	2	25'-11"	30'-6"	6'	CEM-TEC MS-1936 VALMONT CB09158 SOUTHWEST FABRICATION, LLC 306RDB	4,700	LED	39 W	Multi Volt 120-277V	COBRAHEAD	GENERAL ELECTRIC ERL1005C327AGRAYR
2	COLLECTOR	1	TBD	EX. APS POWER POLE	6'	CEM-TEC MS-1936 VALMONT CB09158 SOUTHWEST FABRICATION, LLC 306RDB	7,600	LED	71 W	Multi Volt 120-277V	COBRAHEAD	GENERAL ELECTRIC ERL1008C327AGRAYR
3	ARTERIAL	5	32'-11"	38'-6"	6'	CEM-TEC MS-1944 VALMONT CB09159 SOUTHWEST FABRICATION, LLC 386RDB	9,250	LED	97 W	Multi Volt 120-277V	COBRAHEAD	GENERAL ELECTRIC ERL1010C327AGRAYR

ALL CATALOG NUMBERS SHALL BE CONFIRMED WITH POWER COMPANY PRIOR TO ORDERING

- 

NEW LED COBRAHEAD LUMINAIRE
STAND ALONE STREET LIGHT POLE
- 

EXISTING STREET LIGHT MOUNTED ON
POWER POLE
- 

EXISTING STREET LIGHT POLE
- 

NEW LED COBRAHEAD LUMINAIRE
ON EXISTING POWER POLE

APPROVED
By Jason Fernandez at 8:19 pm, Oct 07, 2021

REVIEWED
By Jason Fernandez at 8:19 pm, Oct 07, 2021



Contact Arizona 811 at least two full
working days before you begin excavation



Call 811 or click Arizona811.com

PER CITY OF PHOENIX ORDINANCE G-4396, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX.

STREET LIGHT COVER SHEET



CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

ST89330282
35TH AVENUE: ROOSEVELT STREET TO I-10

PROJECT #*: 89330282			FILE NO:	
DR: VM	DES: VM	CK: MP	SHEET NO	TOTAL SHEETS
DATE: 09/21	DATE: 09/21	DATE: 09/21		
SCALE: 1:20	STAGE: 100%	QS: #:	SL-1	3



- ## APS J-BOX DETAIL

$$\overline{3/8'' = 1'-0}$$
