

CAMPUS WALL
MOUNTED EXTERIOR
LIGHTING UPGRADE

SIoux FALLS, SD
DEPARTMENT OF
VETERANS AFFAIRS

BID SCHEDULE				
BASE BID				
Item	Description	Estimated Quantity	Units	Cost
A	10 Watt LED Fixture	1	Each	
B	20 Watt LED Fixture	13	Each	
C	30 Watt LED Fixture	9	Each	
D	52 Wat LED Fixture	1	Each	
E	28 Watt LED Fixture	1	Each	
		25		
		BASE BID TOTAL =		
ADD ALTERNATE NO. 1				
Item	Description	Estimated Quantity	Units	Cost
B1	20 Watt LED Fixture	5	Each	
C1	30 Watt LED Fixture	3	Each	
D1	52 Wat LED Fixture	2	Each	
		10		
		ADD ALTERNATE NO. 1 TOTAL =		
ADD ALTERNATE NO. 2				
Item	Description	Estimated Quantity	Units	Cost
A2	10 Watt LED Fixture	1	Each	
B2	20 Watt LED Fixture	5	Each	
C2	30 Watt LED Fixture	4	Each	
D2	52 Wat LED Fixture	2	Each	
		12		
		ADD ALTERNATE NO. 2 TOTAL =		
		GRAND TOTAL (BASE BID + ALT NO.1 + ALT NO. 2) =		

Office of
Construction
and Facilities
Management



Department of
Veterans Affairs

DATE: JANURAY 18, 2013

PROJECT: CAMPUS WALL MOUNTED EXTERIOR LIGHTING UPGRADE

ENGINEER: TODD J. MERGEN, P.E.

COVER SHEET

CAMPUS WALL MOUNTED EXTERIOR LIGHTING UPGRADE

LEGEND / QUANTANTIES

KEY NOTE	DESCRIPTION	QUAN	UNIT
A	XTOR1A-PC_	3	EACH
B	XTOR2A-PC_	25	EACH
C	XTOR3A-PC_	16	EACH
D	WPLEDC52/PCS	5	EACH
E	LDWP-GL-2A-MT-PE	1	EACH

SCOPE OF WORK - PROVIDE NEW EXTERIOR LED LIGHTS:
1. THIS EXTERIOR LIGHTING PROJECT IS A REMOVE AND REPLACE WITH NEW.

THIS PROJECT CONSISTS OF REMOVING THE EXISTING WALLPACK LIGHTS AS NOTED ON THIS SHEET AND PROVIDING NEW LED EXTERIOR WALL MOUNTED FIXTURES AT THE LOCATIONS IDENTIFIED IN THIS PLAN. THE NEW FIXTURES SHALL BE IN THE SAME LOCATION AS THE EXISTING.

GENERAL NOTES:
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, LABOR AND EQUIPMENT TO MAKE A COMPLETE WORKABLE LIGHT. THE SIOUX FALLS, SD VA MEDICAL CENTER HAS 120V FIXTURES AND 208-277V FIXTURES ON CAMPUS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE VOLTAGE FOR EACH SPECIFIC LOCATION FOR THE NEW LED LIGHTS.

2. REMOVALS: THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL OLD CONDUIT, FIXTURES, PHOTO CONTROL AND LIGHTING EQUIPMENT THAT IS NOT REQUIRED TO OPERATE THE NEW LED FIXTURE.

3. INSTALLATION: THE CONTRACTOR SHALL INSTALL LIGHTING IN ACCORDANCE WITH THE LATEST NEC, AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS.

THE CONTRACTOR SHALL PROVIDE CLEAR SILICONE SEALANT AROUND THE FIXTURE AND BUILDING. SEALANT SHALL BE APPLICABLE FOR THE TYPE OF EXTERIOR BUILDING MATERIAL.

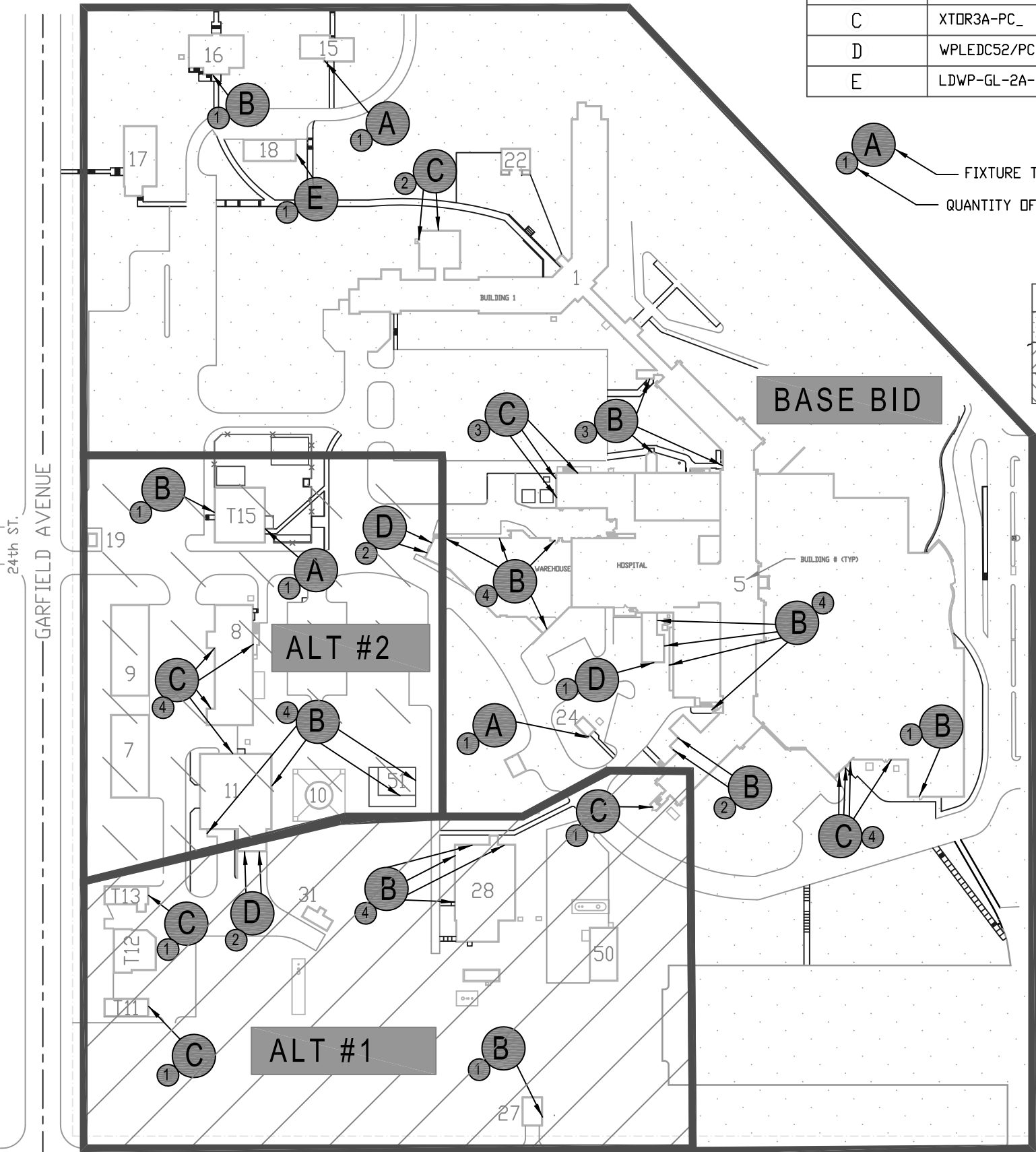
THE CONTRACTOR SHALL ADJUST ALL FIXTURES AND PHOTO CONTROLS AS REQUIRED. LIGHT FIXTURES SHALL OPERATE FROM DUSK TO DAWN.

THE CONTRACTOR SHALL PATCH ALL BUILDING HOLES THAT ARE CREATED DUE TO A SMALLER LIGHT FIXTURE. MATERIALS FOR PATCHING SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.

4. GROUNDING: THE CONTRACTOR SHALL GROUND NONCURRENT-CARRYING PARTS OF EQUIPMENT, INCLUDING METALLIC ENCLOSURES AND BRACKETS. WHERE COPPER GROUNDING CONDUCTOR IS CONNECTED TO A METAL OTHER THAN COPPER, PROVIDE SPECIALLY-TREATED OR LINED CONNECTORS SUITABLE AND LISTED FOR THIS PURPOSE.

5. FIXTURES - ALL FIXTURES SHALL BE AS SPECIFIED BELOW OR APPROVED EQUAL BY THE PROJECT ENGINEER. CONTRACTOR SHALL VERIFY VOLTAGE PRIOR TO SUBMITTING SHOP DRAWINGS.
A. 10 WATT LUMARK XTOR CROSSTOUR LED XTOR1A-PC_
B. 20 WATT LUMARK XTOR CROSSTOUR LED XTOR2A-PC_
C. 30 WATT LUMARK XTOR CROSSTOUR LED XTOR2A-PC_
D. 52 WATT RAB LED WALLPACK WPLEDC52/PCS
E. 28 WATT FORWARD THROUGH WALLPACK LDWP-GL-2A-MT-PE

6. ASBUILTS: THE CONTRACTOR SHALL RECORD ALL CHANGES FROM THE PLANS AND PROVIDE THE PROJECT ENGINEER WITH A NOTED COPY IN RED INK.



ALTERNATE OPTIONS

AREA	DESCRIPTION
BASE BID	25 EACH LED FIXTURES
ADD ALT #1	10 EACH LED FIXTURES
ADD ALT #2	12 EACH LED FIXTURES

1 A
1
FIXTURE TYPE
QUANTITY OF FIXTURES IDENTIFIED AT THIS KEY NOTE

VA MEDICAL CENTER

SIOUX FALLS, SOUTH DAKOTA

NORTH



SITE PLAN - EXTERIOR LIGHTING

1 OF 1

PROJECT ENGINEER: TODD J. MERGEN, P.E.

DATE: JAN 2013