

Guthrie County Fair Amphitheater Project

Bid Specifications

Thank you for your time and interest in bidding on the amphitheater project to be constructed on the Guthrie County Fair Grounds in Guthrie Center, IA. Location of the project is to the east of the Art & Ag Hall and just north of the campgrounds. Bids will be submitted for: 1). Amphitheater construction 2). Concrete installation 3). Electrical. If contractor wishes to bid on more than one of the three items, that is acceptable, but please list bid amounts individually for respective line items. If a combined number for either two or three line items is different than an individual, please state that as a separate bid amount. Completion of project is to be done on or before August 19th 2022. The amphitheater is set to be delivered the first part of July and will be purchased by Guthrie County Fair Board (GCFB). Contractor is only responsible for construction of the structure itself.

For questions regarding the project, contact:

Tyler Carney 515-371-1558 or tyler@csl-ia.com

Bids due by: 4 pm CST on April 22, 2022

Sealed bids submitted to:

Guthrie County Fair Board

PO Box 153

Guthrie Center, IA 50115

1. Amphitheater Structure: refer to manufacturer's blue prints for all bidding and construction information. Shop drawings included and specs at the end bid specification sheet for stud walls to be attached to west, north, and south sides of amphitheater.

2. Concrete

- a. Foundation walls—139 linear feet x 6 ft. tall x 8" thick walls to be poured over top of a footing. Footing to be 12" wide and minimum thickness of 6". Approximately 42-46" of wall will be below finish grade. Rebar to be placed in footings on 24" spacings and extending above top of finished wall height 3 inches or left long enough to be bent over to be incorporated to concrete stage cap. Footings are standard concrete footing mix

- b. Stage cap
 1. Size: 42' long x 28' wide x 6" thick
 2. ½" rebar grid on 24" centers two ways
 3. 1 ½" wide reveal or over hang of stage cap on all 4 sides of stage
 4. Finish stage cap is smooth finish
 5. Interior of foundation walls will need to be backfilled with compacted base material or properly rated foam block material to bring elevation even with top of foundation walls.
 6. 3500 psi exterior concrete mix
 7. Imported sand recommended in concrete mix for stage cap
 8. Stage cap will be poured to cover up or embed 6" of steel column base plates and anchor bolts. See blueprints

- c. Column Footings
 1. See blueprints for details

2. Placed just inside of foundation wall with surface extending to same elevation of foundation walls and foundation walls can be exterior form for footing
3. Standard footing mix

d. Sidewalk—on back side or west side of stage

1. 44 L.F. x 5' W x 5" thick sidewalk
2. Rebar grid 24" on center
3. Brom finish with 3" trowel edge
4. Cut joints placed every 5'
5. 3500 psi exterior concrete mix

e. Steps

1. Front of stage (east side)—1 stair case at each north and south sides of stage centered in front of stage.
2. Stair treads (qty 3). Bottom tread to be 10' long with return on each end back to stage wall. Middle and top tread to be approximately 1' shorter on each end.
3. Rear of Stage (west side)—1 stair case each at both the north and south entry ways to the stage
4. Stair treads (qty 3)—to be 60" long x 12" wide
5. 3500 psi exterior concrete mix & broom finish

f. Seating area/Slab on east side of stage

1. 2,895 sf x 5" thick slab
2. ½" rebar grid placed 24" on center
3. Layout of slab will be approved on site with GCFB & contractor
4. Broom finish. Edges of slab to be finished with ½ radius trowel.
5. Cut joints placed 12' on center east/west
6. Cut joints placed 12' on center north/south

7. 3500 psi exterior concrete

ELECTRICAL

A. Service

1. 200 amp box/service mounted above stage level in west wall. Conduit will need to be provided to concrete contractor for sleeve through footing/wall.

2. Service to come from existing transformer to north of amphitheater. Distance from pole to box approx. 100 l.f.

3. Contractor responsible for coordinating with Guthrie County REC for service hook up post electrical inspection.

B. Outlets

1. There is a rough-in hole provided by manufacturer in each of the 2 front (east) columns needing outlets. Conduit for these will need to be provided/installed prior to stage cap being poured as source will be through base plate/mounting flange of columns.

2. Additional outlets provided along back (west) wall to include four, two-duplex receptacles @ 20 amp per hole and dedicated circuit.

3. Exterior receptacle placed on west wall just above stage cap toward north entry way. Bubble cover or similar for outlet covering.

4. Exterior receptacles (2) placed on face of concrete wall on east face of stage wall. Hole will need drilled through concrete for conduit. Conduit installed prior to stage cap being poured. Bubble cover or similar for outlet covering.

5. Exterior receptacles, single duplex, placed to north and south sides of the seating area and mounted to post, not to exceed 18" above finished grade. 15 amp breakers and both north and south side outlets can be on the same circuit.

C. Lighting

1. Yard lights—2 lights structures to be placed over concrete footings. Fixtures provided by GCFB.

a. Footings—12" diameter & minimum depth of 42" below original grade or 66" below finished elevation of retaining wall. Conduit (1" or 3/4" dia.) left stubbed out of center of footing for rough-in and also elbow outside of footing for hooking up remaining conduit.

2. Low voltage lighting—Exterior outlet already included in previous line item (B. Outlets #3). All fixtures, transformer, wire, materials, etc. provided and install complete by landscaping company.

3. Stage Lighting

- a. Flood lights—qty 4. 320 watt high output LED Flood light.
- b. Dimmer—all 4 fixtures to be dimmable via 0-10v dimmer system
- c. Fixtures & Dimmer system provided by GCFB. Contractor responsible for installation of lighting.

ADDITIONS

A. Stud walls—to be located on north and south ends and full length of west wall

1. West wall—see attached shop drawings

- a. Studs to be 2x6 clear placed 24" OC with 2x6 treated base plate. Top plate will need to be fastened to bottom side of eave as part of amphitheater frame.
- b. Anchors—1/2" x 5" minimum place 48" with no gap being wider than 48". Anchor must be place with 12" from each end of wall or opening
- c. Girts—2x6 clear
- d. Metal—28 ga. Pro Snap 16" and Charcoal Gray in color. Brand, color, and sample provided to owner for approval prior to ordering.
- e. Door opening—42" wide x 84" tall trimmed in coil stock with matching color to steel. No doors will be placed in this opening.

2. North and south walls—see attached shop drawings

- a. Studs to be 2x6 clear placed 24" OC with 2x6 treated base plate. Top plate will need to be fastened to bottom side of truss as part of amphitheater frame
- b. Anchors—1/2" x 5" minimum place 48" OC with no gap being wider than 48". Anchor must be placed within 12" from each end of wall or opening
- c. Girts—2x6 clear
- d. Metal—28 ga. Pro Snap 16" and Charcoal Gray in color. Brand, color, and sample provided to owner for approval prior to ordering.
- e. Stud walls to be tied/fastened to existing steel columns. A 1 1/2" reveal of steel column to finished face of Pro Snap Steel to be left from exterior view.

3. West wall interior—see attached shop drawing

- a. Studs, anchors, girts, spacing, metal, etc. is same as item #1 West wall.
 - b. Exception—a weathered wood paneling/backdrop to be placed in center of wall. Approximate size is 10' x 10' comprised of 2x6 lumber supplied by GCFB.
 - c. Final design approved with GCFB before beginning work with weathered wood.
- B. Finish grade and seeding—GCFB will handle finish grading and seeding around work site.