

Bid for (1) 50' x 100' welded steel truss building

- 1) To supply, deliver and erect (1) 50' x 100' clear span, continuous roof metal building roof structure. Bay spacing to be five 20' bays. All framework is to be painted with red oxide primer.
- 2) Uprights to be 4 ½" OD pipe stubs. **Clearance of trusses will be determined upon construction (upright length may range from 6" to 24", but will be made as short as possible).**
- 3) The uprights of the roof structure will be welded onto 6" C-channel provided by the agency. V-grooved casters will be already welded onto the underside of the C-channel, which will allow the structure to move up and down the track system. The agency will to the best of its ability stabilize the track system and accommodate the vendor in this regard.
- 4) 49' 3" oval trusses must be constructed of 2 7/8" pipe and 7/8" round rod bracing. Lower cord of truss is to be straight. Trusses will be welded into the uprights.
- 5) Roof purlins to be primed 8" x 2 ½" (20' in length), 16 gauge, 55 ksi Cee purlin. Maximum purlin spacing will be 5' on center.
- 6) Roofing to be 53' PBC panels, 26 gauge Galvalume Plus.
- 7) Both gable ends will be sheeted to the base of truss with 26 gauge Galvalume Plus.
- 8) Fasteners should be colored 12 x 1 longlife Zac roof screws and colored 12 x 1 plated side screws.
- 9) Site is accessible to 1 ton trucks with 40' trailers.
- 10) Payment will be made upon completion of project.
- 11) Physical address and driving direction of the project location.
1302 Mauermann Rd. #1
San Antonio, TX 78224

The location is City of San Antonio property, managed by SAWS and currently leased to Bladerunner Farms. It lies adjacent to the San Antonio Leon Creek Wastewater Treatment facility. Directions: Off of South Loop 410, exit and turn south on Moursund Blvd. (The exit is between SR-16/Palo Alto Rd. and Roosevelt Ave.) Travel south for @ 2.5 miles, then turn west (right) and travel @ 1.5 miles. Just pass the wastewater treatment facility is the entrance to Bladerunner Farms. Turn south and travel to the house and trees (@ ¾ mile). Project site is just east of the house and trees.

Additional information:

We are trying to build a rainout shelter on V-grooved casters that is able to move up and down the tracks. The goal of the project is to determine which turf varieties are the most drought resistant for the San Antonio area.

Picture of the actual location:

<http://itc.tamu.edu/Pictures/SAWS%20Planting%204.html>

Pictures of completed shelters and the metal tracks are displayed in the following links:

<http://itc.tamu.edu/documents/rainout%20shelter/Kansas%20State%20Rainout%20Shelter/index.html>

<http://itc.tamu.edu/documents/rainout%20shelter/Georgia%20Rainout%20Shelter/Large%20Shelter/index.html>

Vendors may visit the site if deemed necessary.

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