FLINT HILLS AREA TRANSPORTATION AGENCY

Procurement Type: Invitation to Bid
Procurement ID: FY22-1004 Bus Shelter Projects

ADDENDUM 2: Response to Vendor Questions

Deadline for Inquiries about Scope of Work: April 8, 2022
Deadline for Responses to Inquires: April 13, 2022

The following is a list of all Vendors requesting a copy of the RFP and their questions submitted by April 8, 2022 (any questions received after this date will not be answered). All questions and answers will be provided to all potential Vendors who have expressed interested and posted on our website. All vendors submitting a proposal must include acknowledgement of Addendum with their responses.

A pre-bid conference was held on April 8, 2022.

Questions received from BHS

1. Please provide complete specifications for Bus Shelter Structures:
    a. Materials
    b. Fasteners – Type, Finish, Tamper Proof, etc.
    c. Connection Methods
    d. Finishes for all incorporated materials – Galvanized, Stainless, Painted, Powder Coated, Sheen, Stained, etc.
    e. Polycarbonate and Acrylic – Thickness, Grade, Finish, etc.
    f. Alternates for materials if not accessible – Wood type, plastic-type, etc.

    Response: Reference Sheet A000 through S107. Materials List is provided as an attachment for informational use only. The unit for the "Bus Shelter and Foundation" pay item will remain per each shelter and foundation manufactured and installed.

    We have also included for reference only, pictures of the previously fabricated bus shelters, that are being utilized in a different construction project.

ATTACHMENT 1: BUS SHELTER MATERIALS
ATTACHMENT 2: SAMPLE PICTURES OF BUS SHELTER

Type	Description	Location	Quantity (per unit)	Size	Length	Thickness	Grade	Color	Finish	Notes
Plastic	Polycarbonate Sheet	roof	1	48"x96"		3/16"			UV protected	
	Clear Acrylic	wall panels	3.33	48"x96"		1/2"				
Wood	Tigerwood	bench	13.33	5/4"x6"	10'					
	Ipe Seal End Grain Sealer	all wood								Seal all end grain
	Tigerwood	roof	40	1x4	8'					
Hardware	roofing screws	roof	300	#9 x 1-1/2"						Fastenal # 31933
	L Coarse Steel Threaded Rod	bench	6	5/8" dia. x 6-ft					Hot-Dipped Galvanized	Fastenal # 47622
	Standard (SAE) Flat Washer	bench assembly	16	5/8"			Low Carbon		Hot-Dipped Galvanized	Fastenal # 33185
	Standard (SAE) Hex Nuts	bench assembly	16	5/8"			A		Hot-Dipped Galvanized	Fastenal # 36713
	Stainless Steel Bonded Sealing Washer	panel assembly	40	5/16"						Fastenal # 47625
	Stainless Steel 6-Lobe w/Pin Truss Head Binding Post w/o Mating Screw	panel assembly	40	5/16" x 3/4"			18-8		plain	Fastenal # 11103535
	1/4"-20 x 1/2" Hex Drive Button Head Grade 18-8 Stainless Steel Security Machine Screw	panel assembly	40				18-8			Fastenal # BS04C0016SSH200
	6-Lobe Drive Tan Premium Exterior Deck Screws	roof	333.33	1 1/4"				tan		Fastenal # 0184878
Steel	Panel and Footing Assembly Hardware									Refer to structural drawings
	Tubing									Refer to structural drawings
	Flat Bar									Refer to structural drawings

Note

1 - Profiles for 'S' Curve Roof CNC drawings available by request from APDesign.

2 - Hardware equivalents acceptable from other manufacturers

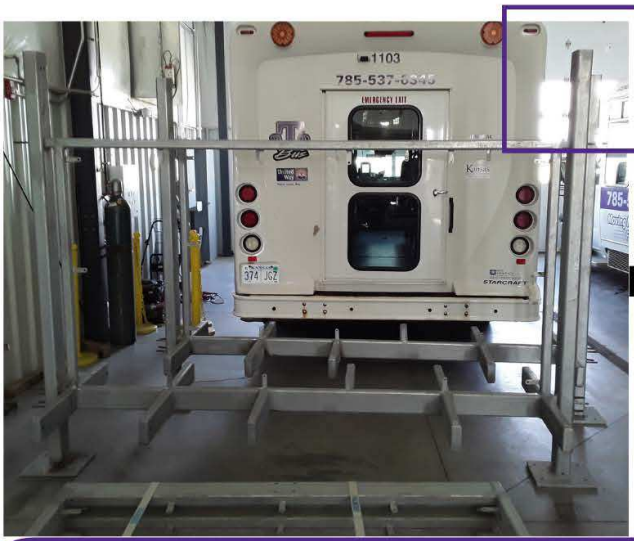
3 - These specs supersede any notes and descriptions of items in drawing set.

Flint Hills Area Transportation Agency, Inc.

Pre-Fabricated Bus Shelters

Contractor Support Document - as built photos

The Bench Component



Forward Face, Full

Side Face, upper right section side

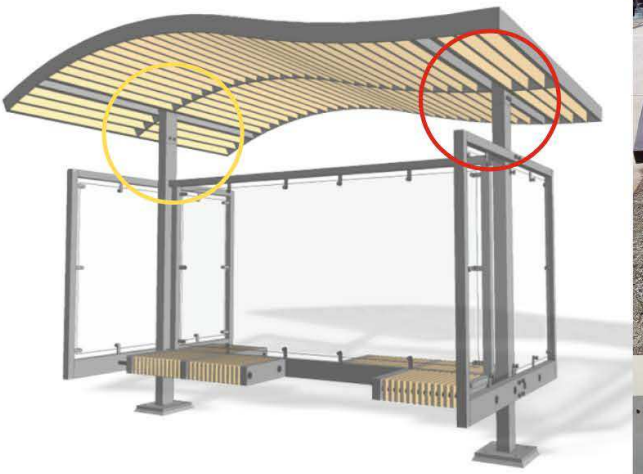
The canopy component would slide into the top and be secured using holes here

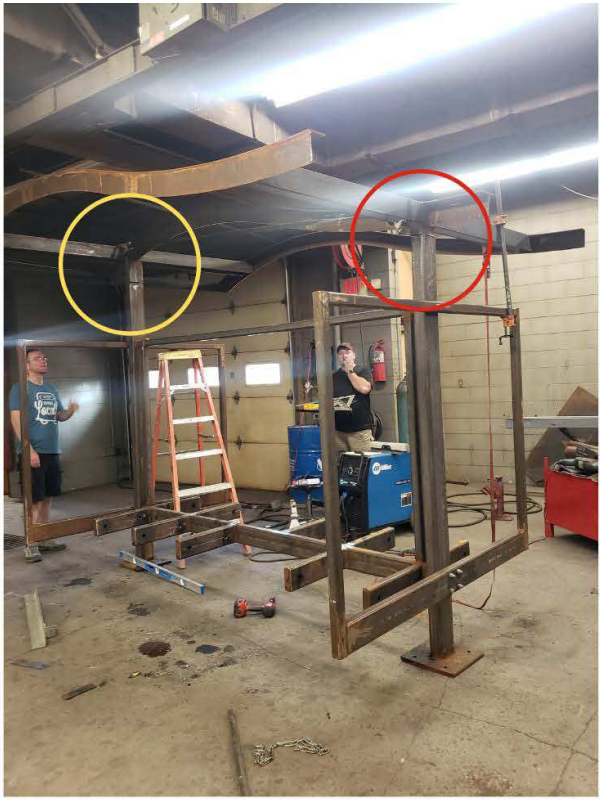
Forward Face, upper right section isometric

Hole placement on inside and outside of posts

Forward Face, upper right section front

Additional Photos





Full Bench, as assembled (frame only)

The Canopy Component

Left Side Face, Full

Side Face, Canopy Post

1 of 2 posts that slide into the top of the bench component, hole is open allowing for positioning with bench component holes

Canopy Post Isometric

Side Face, Canopy Post Full

Extra material was added to bottom of canopy post for stability