

Generic Competition Field Elements (one-time purchase, will be reusable for future games)

BOM Item #	Field Element	Source	Description	Part Number	1-Field Qty	2-Field Qty	Unit Cost	1-Field Cost	2-Field Cost
1	Field Perimeter Frame & Hardware	VexRobotics.com	Custom Sheet Metal Frame & Lexan Panels	VL-FIELD-FRAME-KIT	1	2	\$ 529.99	\$ 529.99	\$ 1,059.98
2	Foam Field Tile (2x2) - Grey	Soft Tiles - www.softtiles.com	2'x2' Interlocking Foam Tiles - Grey	2x2 SoftTiles Foam Mats GREY	36	72	\$ 4.80	\$ 172.80	\$ 345.60
3	Vex Field Controller	VexRobotics.com	Field Control Components & Cables	VL-FIELD-CONTROLLER	1	2	\$ 199.99	\$ 199.99	\$ 399.98

1-Field Cost 2-Field Cost

Total Cost of Reusable Field Components --> **\$902.78 \$1,805.56**

Note: For tournaments with more than 10-robots, Vex Robotics recommends you purchase Additional Crystal Frequency Pairs. These pairs are specially available from Vex Robotics only to Official Tournament Organizers.

Call (903) 453-0802 for availability. 20-crystal pairs are available for \$249.80, the part number is **VEX-COMPETITION-CRYSTAL-KIT**.

Bridge Battle Challenge - Specific Field Elements (Requires above Generic Elements)

BOM Item #	Field Element	Source	Description	Part Number	1-Field Qty	2-Field Qty	Unit Cost	1-Field Cost	2-Field Cost
Items Procured from Vex Robotics									
5	Bridge Battle Goal	VexRobotics.com	Goal Assembly for Bridge Battle Field	BRIDGE-BATTLE-GOAL	1	2	\$ 199.99	\$ 199.99	\$ 399.98
Items Procured from SoftTiles.com									
6	Foam Field Tile (2x2) - Red	Soft Tiles - www.softtiles.com	2'x2' Interlocking Foam Tiles - Red	2x2 SoftTiles Foam Mats RED	2	4	\$ 4.80	\$ 9.60	\$ 19.20
7	Foam Field Tile (2x2) - Blue	Soft Tiles - www.softtiles.com	2'x2' Interlocking Foam Tiles - Blue	2x2 SoftTiles Foam Mats BLUE	2	4	\$ 4.80	\$ 9.60	\$ 19.20
Items Procured from McMaster-Carr (www.mcmaster.com)									
8	Tape Roll (Blue)	McMaster-Carr - www.mcmaster.com	Blue 2" Wide Utility Grade Duct Tape	76135A13	1	1	\$ 8.10	\$ 8.10	\$ 8.10
9	Tape Roll (Red)	McMaster-Carr - www.mcmaster.com	Red 2" Wide Utility Grade Duct Tape	76135A11	1	1	\$ 8.10	\$ 8.10	\$ 8.10
10	Tape Roll (White)	McMaster-Carr - www.mcmaster.com	White 1" Wide Utility Grade Duct Tape	7612A91	1	1	\$ 8.91	\$ 8.91	\$ 8.91
Items Procured from Miscellaneous Vendor (Wherever Convenient)									
11	Tennis Ball	Any Sporting Goods Distributor - http://www.tennis-warehouse.com/	Official Tennis Ball	-	77	154	\$ 0.81	\$ 62.37	\$ 124.74
12	Black Fabric Dye	www.joann.com sold through www.amazon.com	Rit Dye Liquid 8 Ounce-Black	-	1	1	\$ 3.37	\$ 3.37	\$ 3.37
13	Goal Base (12" x 36")	Home Depot	1/2" x 2' x 4' MDF Handypanel	279-388	1	1	\$ 5.48	\$ 5.48	\$ 5.48
14	Robot Platform (15" x 15")	Home Depot	3/4" x 4' x 8' Plywood, BC Sanded Pine	166-057	1	1	\$ 24.95	\$ 24.95	\$ 24.95
15	White Platform Paint (1 quart)	Home Depot	Behr exterior flat, ultra pure white No. 4050	154-113	1	1	\$ 11.00	\$ 11.00	\$ 11.00
16	Assy Hardware - Woodscrews	Home Depot	#8 x 1" flat head wood screw	-	12	24	\$ -	\$ -	\$ -

1-Field Cost 2-Field Cost

Total Cost of Bridge Battle Challenge Items ---> **\$351.47 \$633.03**