

Scara Robot Design

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Bill of Materials

Submitted on 09/10/2024

Buying stores

zenix
tronic lk
Asian
Unitech

Payable to

11,890

Invoice

#IN002095

Date

2024-09-09

Description	Qty	Unit price	Total price
17HS4401 NEMA 17 Stepper with wire 0.4Nm (D Shaft 5mm)	1	\$2,300.00	\$2,300.00
2040 V Slot Aluminium Extrusion Profile Black 1m (Basic Quality) - Length (mm) : 1000mm	1	\$3,900.00	\$3,900.00
GT2 (Brown Anti-Slip Toothed Cloth, Rubber with Fiberglass) 6mm Open Timing Belt 1m	2	\$350.00	\$700.00
GT2 16T 16 Teeth 5mm Bore 6mm Width Timing Pulley T16B5W6 - Color : Silver	1	\$120.00	\$120.00

GT2 20T 20 Teeth 5mm Bore 6mm Width Timing Pulley T20B5W6 - Color : Silver	3	\$120.00	\$360.00
GT2 20T 20 Teeth 8mm Bore 6mm Width Timing Pulley T20B8W6 - Color : Silver	1	\$120.00	\$120.00
GT2 6mm Closed Loop Timing Belt 200mm	5	\$190.00	\$950.00
GT2 6mm Closed Loop Timing Belt 400mm	2	\$280.00	\$560.00
Openbuilds (Type A2 with Eccentric Spacer) POM Wheel Pulley Kit for 2020 V Slot Aluminum Profiles	8	\$360.00	\$2,880.00
17HS4401 NEMA 17 Stepper with wire 0.4Nm (D Shaft 5mm)	3	\$2,300.00	\$4,600.00
CNC Shield V3 Expansion Board for Engraving Machine	1	\$490.00	\$490.00
8mm Insulated Braided Sleeve High Temperature Tube 1m	1	\$120.00	\$120.00
GT2 16T 16 Teeth 5mm Bore 10mm Width Timing Pulley T16B5W	1	\$160.00	\$160.00
GT2 20T (With Teeth) 5mm Bore 6mm Width Idler Timing Pulley	1	\$260.00	\$260.00
GT2 16T 16 Teeth 5mm Bore 6mm Width Timing Pulley T16B5W	2	\$120.00	\$240.00
Arduino UNO Original Development	1	\$2,510.00	\$2,510.00
DRV8825 Stepper Motor Driver for CNC 3D Printer	4	\$520.00	\$2,080.00
Cable Tie 15-inch 100 pics	1	\$300.00	\$300.00
M5 35mm Stainless Steel Hex Flat Socket Head Countersink Bolt	12	\$70	\$840.00
M5 16mm Stainless Steel Hex Flat Socket Head Countersink Bolt	6	\$40	\$240.00
M3 20mm Countersunk Bolt	12	\$5	\$60.00
M4 15mm Countersunk Bolt	18	\$10	\$180.00
Black 10mm 1 Bag (13.5m/Bag) Spiral Wire Wrapping Tube	1	\$800	\$800.00
12V 10A power supply	1	\$2,200	\$2,200.00

Jumper cables	1	\$140	\$140.00
Bearing 608-RS	15	\$400	\$6,000.00
8mm Leanlar Rob	1	\$1,500	\$1,500.00
Other	1	\$2,000	\$2,000.00

Notes:

Subtotal **\$36,610.00**

Adjustments **\$0.00**

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