```
-*- mode:org -*-
#==================================================================#
#========================= bom.txt ================================#
#                                                                  #
# Autogenerated using ros_cad. Hand editing this file is not       #
# advisable as all modifications will be lost when the program which #
# generated this file is re-run.                                   #
#==================================================================#
```

!	item number	name	description	dimensions	vendor	part number	quantity	cost
	1	air_bearing_mount_plate	Mounts air bearing carriage to t_slotted beam	x: 7.000, y: 7.500, z: 0.500	?	?	1	0.00
	2	loadcell_mount_plate	Mounts loadcell to t_slotted beams	x: 6.000, y: 1.000, z: 0.125	?	?	2	0.00
	3	pillowblock_mount_plate	Mounts pillowblocks to sleds	x: 7.750, y: 5.000, z: 0.250	?	?	10	0.00
	4	slider_mount_plate	Mounts t_slotted beams to air bearing slider	x: 1.000, y: 6.000, z: 0.125	?	?	2	0.00
	5	pillowblock	Rail bearings and mounts	x: 4.750, y: 3.500, z: 3.750	LeeLinear	SPB-24-OPN	10	0.00
	6	1010-double	T-Slotted L Bracket	bracket_type: double	McMaster	47065T169	12	5.58
	7	1010-single	T-Slotted L Bracket	bracket_type: single	McMaster	47065T223	32	3.98
	8	2020-double	T-Slotted L Bracket	bracket_type: double	McMaster	47065T176	16	5.96
	9	cushion	Protects the air bearing carriage	x: 1.500, y: 6.500, z: 0.250	McMaster	9013K153	2	15.94
	10	submersible_mount	Holds the submersible tube	x: 3.000, y: 2.125, z: 2.000	McMaster	47065T207	1	51.91
	11	laser_sensor_long_range	Micro-Epsilon optoNCDT ILR long range distance sensor	x: 5.670, y: 3.898, z: 2.008	Micro-Epsilon	ILR1182-30(01)	1	0.00
	12	laser_sensor_short_range	Micro-Epsilon short range distance sensor	100mm	Micro-Epsilon	optoNCDT1302	1	0.00
	13	RAB6	Non-motorized air bearing slide	slide travel: 4	Nelson Air Corp.	RAB6	1	4095.00
	14	laser_sensor_long_range_mount_plate_bottom	Mounts long range laser sensor to t_slotted beams	x: 4.000, y: 7.000, z: 0.236	Pololu	?	1	0.00
	15	laser_sensor_long_range_mount_plate_top	Mounts long range laser sensor to t_slotted beams	x: 4.000, y: 7.000, z: 0.236	Pololu	?	1	0.00
	16	laser_sensor_long_range_target_plate	Target for the long range distance sensor	x: 10.000, y: 10.000, z: 0.236	Pololu	?	1	0.00
	17	laser_sensor_short_range_mount_plate	Mounts short range laser sensor to t_slotted beams	x: 3.000, y: 4.000, z: 0.236	Pololu	?	1	0.00
	18	laser_sensor_short_range_target_plate	Target for the short range distance sensor	x: 6.000, y: 4.250, z: 0.236	Pololu	?	1	0.00
	19	1010-003.000	T-Slotted Extrusion	l: 3.000	Prime Resource	?	4	0.00
	20	1010-005.000	T-Slotted Extrusion	l: 5.000	Prime Resource	?	2	0.00
	21	1010-006.000	T-Slotted Extrusion	l: 6.000	Prime Resource	?	5	0.00
	22	1010-010.624	T-Slotted Extrusion	l: 10.624	Prime Resource	?	4	0.00
	23	1020-006.000	T-Slotted Extrusion	l: 6.000	Prime Resource	?	1	0.00
	24	1020-008.000	T-Slotted Extrusion	l: 8.000	Prime Resource	?	3	0.00
	25	2040-032.000	T-Slotted Extrusion	l: 32.000	Prime Resource	?	1	0.00
	26	2040-050.000	T-Slotted Extrusion	l: 50.000	Prime Resource	?	3	0.00
	27	test_submersible	Submersible used for testing	12V	Sevylor	U120BLK-00-000	1	39.99
	28	loadcell	Low Single PT Load Cell	2Kg	TransducerTechniques	LSP-2	1	110.00
#							total	4618.46

```
#+TBLFM: @30$9=(@I$quantity..@II$quantity)*(@I$cost..@II$cost);%.2f;N
```