

## Appendix 1: Material & Price List for COSEE TEK Simple Hydrophone Design ~ 4/24/2012

<u>Item</u>	<u>Quantity</u>	<u>Req</u>	<u>Distributor</u>	<u>Distributor Part#</u>	<u>Price</u>	<u>Quantity</u>	<u>Per Unit Price</u>	<u>Total Price</u>
Condenser Microphone Element	1		Radio Shack	270-092	\$3.99	1	\$3.99	\$3.99
4 "AA" On/Off Battery Holder	1		Radio Shack	2700409	\$1.99	1	\$1.99	\$1.99
Vinyl Grommets (1/4")	2		Radio Shack	6403025	\$2.29	7	\$0.33	\$0.65
Tantalum 10uF Capacitor	1		Radio Shack	272-1436	\$1.89	1	\$1.89	\$1.89
Telephone Butt Connectors	3		Radio Shack	6403073	\$2.19	25	\$0.09	\$0.26
"AA" 4-Pack Alkaline Batteries	2		Radio Shack	2300849	\$4.99	4	\$1.25	\$2.50
Stereo Cord with 3.5mm Connectors, Male to Male, 25' length	1		McMaster-Carr	8317T15	\$7.60	1	\$7.60	\$7.60
Push-on Round Cap, Fits 1/2" OD, 2" Inside Height	1		McMaster-Carr	40005K22	\$8.95	25	\$0.36	\$0.36
Nylon Single-Barbed Tube Fitting, 1/2" Tube to 3/8" NPT M	1		McMaster-Carr	5463K253	\$5.53	10	\$0.55	\$0.55
Type 304 Stainless Steel Threaded Pipe Fitting, 3/8" NPT	1		McMaster-Carr	4464K353	\$3.64	1	\$3.64	\$3.64
Nylon Liquid-Tight Cord Grip, 3/8" NPT, .08"-.24" Cord Diameter	1		McMaster-Carr	69915K62	\$3.24	1	\$3.24	\$3.24
Space Saver Terminal Block, 4 Circuits	1		McMaster-Carr	8173T12	\$3.55	1	\$3.55	\$3.55
Standard Nylon Cable Tie 4"L, Black	2		McMaster-Carr	7130K52	\$2.39	100	\$0.02	\$0.05

Single Unit Price \$52.24                      Multi-Build Price \$30.27

note: single unit pricing may be reduced by purchasing some hardware in reduced quantities at a local hardware store.

### Distributor Contact Information:

RadioShack (<http://www.radioshack.com> for locations)

McMaster-Carr ([www.mcmaster.com](http://www.mcmaster.com) or 609-689-3415)

