





The Energy Auditor Toolkit	Price is approx – a	s of Apr. 2010
SAFETY (Manditory Equipment!		•
Safety Glasses (adjustable) / Crosman Clear Adjustable Safety Glasses  http://tinyurl.com/3jxdt4u  or use google to find something suitable  http://tinyurl.com/427h4u2	\$6/ea 32 Quan: 1/pp = <b>32</b>	
Dust Mask N95 Particulate Respirators with Exhale Valve, 10/ Pack Anything with a valve will be much more comfortable and easier to breath vs the super cheap mask only. Buy in bulk = better price per.  Example: <a href="http://tinyurl.com/3eme7eo">http://tinyurl.com/4ynlxuj</a>	\$7 /10pk  Quan: 4 1/pp = 32	
Ear Protection - Disposable box of 100+ Something like : http://www.csnstores.com/3M-340-4003-TM5267.html Or http://www.csnstores.com/Moldex-6870-OKT1194.html  Avoid these – they are uncomfortable and block out too much sound http://tinyurl.com/4yaesfq	\$89/100pk Quan: 1 1/pp = <b>32</b>	
Clipboard – Plastic (more durable to wet locations)  Example: <a href="http://tinyurl.com/3mgrpz">http://tinyurl.com/3mgrpz</a> j or <a href="http://tinyurl.com/3lho7wq">http://tinyurl.com/3lho7wq</a> Alumninum with storage would be really nice but \$\$\$: <a href="http://tinyurl.com/3dtfbcf">http://tinyurl.com/3dtfbcf</a>	\$4-6/ea Quan: 28 1/pp = Students only	

25 foot Tape Measure with easy read	\$12-15/ea	
PSSR25 25 foot Lefty/Righty Measuring Tape? Reading from both sides! http://www.amazon.com/FastCap-PSSR25-Lefty-Righty-Measuring/dp/B0001GUE3Q		
Alt. Example:	Quan:	
http://tinyurl.com/4x8q57g	10	Surce CE
		Wite t Erose
AVOID super cheap (habor freight) as it may cause inaccuracy and or breakage.  Aka http://tinyurl.com/3rd6voq		
Flashlight – LED	\$2-5/ea	
Should be bright but small:	, , , , , , ,	6
http://tinyurl.com/3h4f2fa	Quan:	
You might be able to find a deal for a multi pack: <a href="http://tinyurl.com/43nlp2k">http://tinyurl.com/43nlp2k</a>	10	
	10	
6-in-1 Screwdriver	\$4-8/ea	
This item is up for some personal preference:		44
There are some cheap models that come in a multipack:	Quan:	Time
http://tinyurl.com/3jt7d2p	10	
or <a href="http://tinyurl.com/3c83wx8">http://www.harborfreight.com/7-in-1-screwdriver-set-</a>		
<u>94955.html</u>		
More versatile models available. People will often loose bits but they are replaceable.		
http://www.harborfreight.com/34-piece-ratcheting-screwdriver-set-94779.html		
http://www.harborfreight.com/26-piece-ratchet-screwdriver-set-96733.html		
Vice Grips – 2 sizes would be great (Irwin = decent brand)	\$5-10/ea	
These are really handy but read up as the super cheap ones are super useless.	x2 sizes	
http://www.hartmannvariety.com/pd-irwin-vise-grip-702l3-7-curved-jaw-plier-7wr.cfm	7.2 5.255	
	Quan:	0-
Some come as a kit: http://tinyurl.com/3w96m2o	5	
		M.
Alan Wrench Set	\$5-8/ea	
Individual keys tend to be easier to use then the ones that conveniently fold up.	,	
	Quan:	
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Small Hex Set (thermostats and controls) Look for a small electronics repair kit with mini screwdrivers Something like: http://www.harborfreight.com/33-piece-precision-screwdriver-set-93916.html or http://www.harborfreight.com/32-piece-screwdriver-set-with-tweezers-97517.html  Check with Bruce to see about physical size but ALSO length of the bit (surface screw or one that is countersunk in a hole)  Digital Camera? Please discuss this with Team leaders. I'm not sure we need to purchase cameras for each team member. If we do, it'll be a major expense.  A decent hand held camera with zoom Canon PowerShot SD1300 IS Digital ELPH 12.1 MP Digital Camera is a good example of	\$8-12/ea Quan: 5 \$120/ea Quan: 10	SourcingMap
a low priced but still good quality. Min price = \$100 pls a couple of memory cards (~\$15)  Strait-Line Sonic Laser Tape – up to 50 Ft.  Sonic laser tape with laser targeting to accurately locate measurement end point. 50 ft. range, 1 in. resolution. Fairly accurate and fast - a great estimating tool but one that may be less useful in a professional setting where laser taps are far more accurate and reliable.  * Laser Targeting indicates end point of measurement.  * Can automatically calculate area and volume by doing the math	\$25/ea Quan: 5	STRAIT-INE
Sylvania DS-3050 Light Meter - (replaces highly popular DS-205 ~\$260)  The SYLVANIA Light Meter DS-3050 is a hand held illuminance meter that delivers accurate reading (+/- 3%) of light levels over a wide measurement range (0.000-4000 fc/0.00-40,000 lx).  These meters can be used as a convenient way to check existing light levels and identifying energy savings opportunities as well as for validating new lighting installations and ensuring properly lit environment. Auto ranging and selectable range display. Automatic power off after 30 minutes. Hold function. Low battery indicator. Protective case included	\$140/ea Quan: 10	

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## Approx. Value of Complete kit: \$800

Total Budget as laid out above = \$4034 for 5 complete bags + PPE for individual use. Cameras & Light meters = 2 per kit.

Additional Tools Not provided in the kit that are HIGHLY suggested to have on hand.
Cellphone, Tape Recorder, Cordless Drill, Duct Tape (or other sticky), Masking tape (for labeling, wire stripper, pens, pencils, permanent marker