

REQUEST FOR QUOTATION	TROY SCHOOL DISTRICT 1140 RANKIN, TROY, MICHIGAN 48083 248-823-4052 FAX: 248-823-4077	REQUISITION
No. 9557		
DUE DATE NO LATER THAN 9/2/08 3 p.m.		DATE 8/15/08

REQUEST FOR QUOTE - NOT AN ORDER

THIS FORM MUST BE UTILIZED WHEN RESPONDING TO THIS REQUEST
 BID ENVELOPE ENCLOSED

THE RFQ NUMBER MUST APPEAR ON ALL QUOTATIONS AND RELATED CORRESPONDENCE, THIS IS NOT AN ORDER

Quantity	DESCRIPTION	UNIT PRICE	AMOUNT
	<p>Please supply us with your bid to furnish the Troy School District with PHYSICS SUPPLIES per attached specifications</p> <p style="text-align: center;">Copies of the bid are available at: www.troy.k12.mi.us/purchasing/items_out_for_bid.htm</p> <p style="text-align: center;">Bid recaps will be available at: troy.k12.mi.us/purchasing/index.htm</p> <p style="text-align: center;"><u>FACSIMILE BID IS NOT ACCEPTABLE</u></p> <p>Bids will not be accepted if submitted after the deadline specified (local time) in the advertisement to bid or in the information to bidders. The late submission of a bid makes the bid nonresponsive and is a material defect which shall not be waived by the Board of Education. Delays in the mail will not be considered. All Late bids in the mail will be returned to the bidder unopened.</p> <p>Proposal for the submission of alternatives by vendors will be accepted and reviewed. However, if any substitution or departure is not clearly noted and described, it will be understood that the bid intends to exactly meet the specifications.</p> <p>The Board of Education shall be the sole judge as to whether the proposed goods are "equal" or "approved". Quotations must be mailed or delivered to the Purchasing Office, 1140 Rankin, Troy, MI 48083 no later than 3 p.m. on the date shown above. Michigan State Sales and Use Taxes and Federal Excise Taxes do not apply unless otherwise indicated. Exemption certificates will be furnished when necessary. This request imposes no obligations on the buyer. The Board of Education reserves the right to accept or reject any or all bids or to split awards by items or to accept bids, which will best serve the Board of Education.</p>		

THIS AREA MUST BE FILLED IN

DELIVERY TIME	PRICES FIRM FOR	NAME OF COMPANY	TELEPHONE NO.
TERMS		NO. & STREET	FAX #
FOB DELIVERED	ALL DELIVERY CHARGES MUST BE INCLUDED IN PRICES SHOWN	CITY, STATE & ZIP CODE	E-MAIL
CONTACT PERSON (PLEASE PRINT)		SIGNATURE	DATE

TROY SCHOOL DISTRICT

PHYSICS SUPPLIES

(PARTIAL REBID OF TSD BID# 9544)

BID 9557

The Troy School District is seeking qualified bids for various physics classroom supplies. The following points are integral to this bid, respondents not adhering to these parameters are subject to disqualification.

- Bidding of complete package is **NOT** required. Bidders are encouraged to bid on all products, however, no penalty will occur should a vendor decide to submit a partial bid.
- All responses will be regarded as bid to specification unless **SPECIFICALLY** indicated on bid response. Any alternates being proposed **MUST** include complete cut sheet. Failure to include cut sheet with bid submission will be grounds for disqualification of entire bid.
- All bidders **MUST** complete the enclosed Familiar Disclosure form and include with bid submission. Bids not containing this form will be automatically disqualified. The Familiar Disclosure form is **NOT** required to be notarized for non-construction bids.
- Deliveries will be accepted between 7:00 am and 2:00 pm only. Troy School District will **NOT** be responsible for returned items or additional freight charges for deliveries made outside of these timelines.
- Bid prices are requested on a **PER UNIT BASIS**. Unit cost for delivery and installation are to be included on bid response. Quantities listed below are **MINIMUM** quantities to be ordered for each building. The district reserves the right to order additional quantities **PER BUILDING**. Bidders must specify the length of time they will hold pricing. The district will consider the timeline vendors will hold pricing when determining bid award.

NOTICE TO ALL BIDDERS:

Items included on this bid are being re-bid due to bidder error on the previously issued Troy School District Bid # 9544. Bidders MUST take note and provide pricing AS REQUESTED. All pricing is requested on a PER UNIT BASIS. DO NOT extend pricing. DO NOT provide "lump sum" freight charges, extensions or other amounts under unit pricing other than actual unit costs on a PER ITEM BASIS. Any bid not completed correctly WILL BE DISQUALIFIED.

Shipping Information:

Troy High School
4777 Northfield Parkway
Troy MI 48098

Athens high School
4333 John R.
Troy MI 48085

Niles Community High School
201 W. Square Lake Road
Troy MI 48098

See attached listing for order size per building

TROY SCHOOL DISTRICT								
PHYSICS SUPPLIES								
BID # 9557								
	Troy High	Athens	Niles	Quantity		Item Description	Unit	Unit
Item Description	Qty	Qty	Qty	Total	Company Reference	Catalogue No.	Price	Shipping
Ticker tape (500 ft package of 5)	2	4	2	8	Basic Science Supplies	310027		
Carbon paper discs (package of 100)	1	1	1	3	Basic Science Supplies	310026		
Wave Demonstrator	-	-	1	1	Basic Science Supplies	310670		
Hand generators	-	24	12	36	Cynmar	022-19397		
Stopwatches	3	3	3	9	Educational Innovations	TIM-720 (12 pk)		
Air puck	3	8	4	15	Educational Innovations	AIR-115		
Mirrors- Flat 2 1/2 x 3	24	24	12	60	Fisher Scientific	AJS63193		
Double Convex Lens (38 mm/ FL 10 cm)	12	24	24	60	Fisher Scientific	AJS42402		
Double Alligator Wire Leads	22	-	22	44	Frey Scientific	15-560884-21		
Mini bulbs - 6.3 V, No.40	20	20	20	60	Frey Scientific	15-563633-21		
Magnetic compasses	24	-	12	36	Frey Scientific	1556235221		
.25W Carbon Film Resistor Set	2	2	2	6	Frey Scientific	15-574599-21		
Gencon hand generators	24	-	12	36	Frey Scientific	15-562912-12		
100-ft measuring tape	2	3	3	8	Nasco	SB33642M		
Trundle wheel	1	2	1	4	Nasco	TB20153T		
Ring stands 36"	-	12	4	16	Nasco	SA 37527M+G14		
Ring stands 18"	-	24	4	28	Nasco	SM14025M		
Hard Rubber Friction Rod	-	12	12	24	Nasco	SB10572M		
Ticker timers (comes with tape and carbon)	12	12	6	30	Nasco Science	SB31088M		
Newtons cradle	3	3	3	9	Nasco Science	SB42056M		
Pasco Conceptual physics standard bundle (motion, force, photogates and more)	16	16	8	40	Pasco	PS-2748A		
Pasco 1.2m Pascar dynamic system (2 carts, track, + one mass)	8	12	4	24	Pasco	ME-6955		
Pasco microphone	1	1	1	3	Pasco	CI-6506B		

**TROY SCHOOL DISTRICT
PHYSICS SUPPLIES
BID # 9557**

Item Description	THS	AHS	Niles	QTY	Company Reference	Utech Products			PASCO Scientific			Basic Science Supplies DISQUALIFIED			
	Qty	Qty	Qty	TOTAL		Unit Cost	Unit Frt	Total	Unit Price	Unit Frt	Total	Alt	Unit Price	Unit Frt	Total
Ticker tape (500 ft pkg of 5)	2	4	2	8	Basic Science 310027	12.00	-	96.00					8.95	71.60	644.40
Carbon paper discs (100/pk)	1	1	1	3	Basic Science 310026	5.00	-	15.00					3.00	9.00	36.00
Wave Demonstrator	-	-	1	1	Basic Science 310670	15.00	-	15.00					10.95	10.95	21.90
Hand generators	-	24	12	36	Cynmar 022-19397	14.00	-	504.00							-
Stopwatches	3	3	3	9	Ed Innovat TIM-720 (12pk)	70.00	-	630.00							-
Air puck	3	8	4	15	Ed Innovat AIR-115	30.00	-	450.00							-
Mirrors- Flat 2 1/2 x 3	24	24	12	60	Fisher Sci AJS63193	4.40	-	264.00							-
Double Convex Lens (38 mm/ FL 10 cm)	12	24	24	60	Fisher Sci AJS42402	3.65	-	219.00				310721	1.25	75.00	4,575.00
Double Alligator Wire Leads	22	-	22	44	Frey Sci 15-560884-21	6.65	-	292.60				314060	3.71	163.24	7,345.80
Mini bulbs - 6.3 V, No.40	20	20	20	60	Frey Sci 15-563633-21	6.00	-	360.00				311248	2.95	73.80	4,605.00
Magnetic compasses	24	-	12	36	Frey Sci 1556235221	4.00	-	144.00							-
.25W Carbon Film Resistor Set	2	2	2	6	Frey Sci 15-574599-21	25.00	-	150.00							-
Gencon hand generators	24	-	12	36	Frey Sci 15-562912-12	60.00	-	2,160.00							-
100-ft measuring tape	2	3	3	8	Nasco SB33642M	35.00	-	280.00							-
Trundle wheel	1	2	1	4	Nasco TB20153T	16.00	-	64.00				311655	20.45	81.80	409.00
Ring stands 36"	-	12	4	16	Nasco SA37527M	20.00	-	320.00							-
Ring stands 18"	-	24	4	28	Nasco SM14025M	8.00	-	224.00				313045	6.15	172.20	4,993.80
Hard Rubber Friction Rod	-	12	12	24	Nasco SB10572M	6.00	-	144.00				311113	2.25	54.00	1,350.00
Ticker timers (comes w/ tape and carbon)	12	12	6	30	Nasco SB31088M	65.00	-	1,950.00				310028	19.45	583.50	18,088.50
Newtons cradle	3	3	3	9	Nasco SB42056M	18.00	-	162.00				320538	13.75	123.75	1,237.50
Pasco Conceptual physics standard bundle (motion, force, photogates and more)	16	16	8	40	Pasco PS-2748A				930.05	-	37,202.00				-
Pasco 1.2m Pascar dynamic system (2 carts, track, + one mass)	8	12	4	24	Pasco ME-6955				217.55	-	5,221.20				-
Pasco microphone	1	1	1	3	Pasco CI-6506B				54.15	-	162.45				-
Castle electricity kits (kit incl items below)	12	-	12	24	Pasco EM-8654				209.00	-	5,016.00				-
Audio Frequency Function Generator w/ mpl	1	1	1	3	Sarg-Welch CP34610-00	430.00	-	1,290.00							-
Solar cells	24	-	24	48	Sarg-Welch WL2148M-22	18.00	-	864.00							-
Mirrors flat (100 x 100 x 2.5) back surfaced, 6/pk	2	-	2	4	Sarg-Welch WL3512M	10.00	-	40.00							-
Mirror Concave (50 mm/ FL 100 mm)	12	24	12	48	Sarg-Welch WL3520-10	2.80	-	134.40				PH0520C	2.95	141.60	6,938.40
Mirror Concave (50 mm/ FL 200 mm)	12	24	12	48	Sarg-Welch WL3520-13	2.80	-	134.40				PH0520E	2.95	141.60	6,938.40
Mirror Concave (50 mm/ FL 300 mm)	12	24	12	48	Sarg-Welch WL3520-14	2.80	-	134.40				PH0520F	2.95	141.60	6,938.40
Electronic balances (5000g) + analog	2	4	4	10	Sci Kit & Boreal Lab WW4719002	120.00	-	1,200.00				370666	132.00	1,320.00	14,520.00
Density rods	24	24	24	72	Sci Kit & Boreal Lab WW4647700	9.99	-	719.28							-
Dial spring scales (Lecture Scales 50N)	3	3	3	9	Sci Kit & Boreal Lab 64405-00	58.00	-	522.00							-
Alcohol thermometers	-	30	30	60	Sci Kit & Boreal Lab 65070-00	6.00	-	360.00				76205	2.30	138.00	8,418.00
Beakers (400mL)	1	2	1	4	Wards 17V 4050 (12pk)	40.00	-	160.00				340049	27.50	110.00	550.00

**TROY SCHOOL DISTRICT
PHYSICS SUPPLIES
BID # 9557**

Item Description	THS Qty	AHS Qty	Niles Qty	QTY TOTAL	Company Reference	Frey Scientific				Carolina Biological				Educational Innovations		
						DISQUALIFIED				DISQUALIFIED				DISQUALIFIED		
						Alt	Unit Cost	Unit Frt	Total	Alt	Unit Cost	Unit Frt	Total	Unit Cost	Unit Frt	Total
Ticker tape (500 ft pkg of 5)	2	4	2	8	Basic Science 310027	15-1017045-21	2.96	592.00	4,759.68							
Carbon paper discs (100/pk)	1	1	1	3	Basic Science 310026	15-1017044-21	1.60	20.80	67.20							
Wave Demonstrator	-	-	1	1	Basic Science 310670	15-578650-21	11.04	11.04	22.08							
Hand generators	-	24	12	36	Cynmar 022-19397	15-578599-21	23.96	862.56	31,914.72	75-8851	16.92	609.12	22,537.44			
Stopwatches	3	3	3	9	Ed Innovat TIM-720 (12pk)	15-531794-21	50.36	453.24	4,532.40	96-2105	26.85	241.65	2,416.50	60.95	548.55	5,485.50
Air puck	3	8	4	15	Ed Innovat AIR-115				-	75-1498	24.18	386.88	6,165.90	23.20	348.00	5,568.00
Mirrors- Flat 2 1/2 x 3	24	24	12	60	Fisher Sci AJS63193	15-563297-21	9.56	76.48	5,162.40							
Double Convex Lens (38 mm/ FL 10 cm)	12	24	24	60	Fisher Sci AJS42402	15-584652-21	2.72	163.20	9,955.20							
Double Alligator Wire Leads	22	-	22	44	Frey Sci 15-560884-21	15-560884-21	3.96	174.24	7,840.80							
Mini bulbs - 6.3 V, No.40	20	20	20	60	Frey Sci 15-563633-21	15-563633-21	3.96	237.60	14,493.60	97-2623	8.84	530.40	32,354.40			
Magnetic compasses	24	-	12	36	Frey Sci 1556235221	15-562352-21	1.56	56.16	2,077.92							
.25W Carbon Film Resistor Set	2	2	2	6	Frey Sci 15-574599-21	15-574599-21	14.92	89.52	626.64							
Gencon hand generators	24	-	12	36	Frey Sci 15-562912-12	15-562912-21	39.96	1,438.56	53,226.72							
100-ft measuring tape	2	3	3	8	Nasco SB33642M	15-530552-21	19.92	159.36	1,434.24							
Trundle wheel	1	2	1	4	Nasco TB20153T	15-573145-21	20.76	83.04	415.20	70-2677	23.38	93.52	467.60			
Ring stands 36"	-	12	4	16	Nasco SA37527M	15-573102-21	17.60	281.60	4,787.20	70-7167	13.28	212.48	3,612.16			
Ring stands 18"	-	24	4	28	Nasco SM14025M	15-574170-21	6.52	182.56	5,294.24	70-7161	9.17	256.76	7,446.04			
Hard Rubber Friction Rod	-	12	12	24	Nasco SB10572M	15-573129-21	1.72	41.28	1,032.00							
Ticker timers (comes w/ tape and carbon)	12	12	6	30	Nasco SB31088M	15-1017043-21	39.96	1,198.80	37,162.80							
Newtons cradle	3	3	3	9	Nasco SB42056M	026-0089-31	11.16	100.44	1,004.40							
Pasco Conceptual physics standard bundle (motion, force, photogates and more)	16	16	8	40	Pasco PS-2748A											
Pasco 1.2m Pascar dynamic system (2 carts, track, + one mass)	8	12	4	24	Pasco ME-6955											
Pasco microphone	1	1	1	3	Pasco CI-6506B											
Castle electricity kits (kit incl items below)	12	-	12	24	Pasco EM-8654											
Audio Frequency Function Generator w/ mpl	1	1	1	3	Sarg-Welch CP34610-00											
Solar cells	24	-	24	48	Sarg-Welch WL2148M-22	15-571046-21	5.80	278.40	13,641.60							
Mirrors flat (100 x 100 x 2.5) back surfaced, 6/pk	2	-	2	4	Sarg-Welch WL3512M	15-584580-21	1.88	45.12	188.00							
Mirror Concave (50 mm/ FL 100 mm)	12	24	12	48	Sarg-Welch WL3520-10					75-4985	3.43	164.64	8,067.36			
Mirror Concave (50 mm/ FL 200 mm)	12	24	12	48	Sarg-Welch WL3520-13					75-4987	3.43	164.64	8,067.36			
Mirror Concave (50 mm/ FL 300 mm)	12	24	12	48	Sarg-Welch WL3520-14					75-4988	3.43	164.64	8,067.36			
Electronic balances (5000g) + analog	2	4	4	10	Sci Kit & Boreal Lab WW4719002					70-2217	87.40	874.00	9,614.00			
Density rods	24	24	24	72	Sci Kit & Boreal Lab WW4647700	15-530729-21	5.56	400.32	29,223.36	75-2480	30.64	2,206.08	161,043.84			
Dial spring scales (Lecture Scales 50N)	3	3	3	9	Sci Kit & Boreal Lab 64405-00	15-595563-21	31.96	287.64	2,876.40							
Alcohol thermometers	-	30	30	60	Sci Kit & Boreal Lab 65070-00	15-1017434-21	7.16	429.60	26,205.60	74-5512	10.70	128.40	8,346.00			
Beakers (400mL)	1	2	1	4	Wards 17V 4050 (12pk)	15-59379-21	38.40	153.60	768.00	72-1210	3.19	12.76	63.80			

**TROY SCHOOL DISTRICT
PHYSICS SUPPLIES
BID # 9557**

Item Description	THS Qty	AHS Qty	Niles Qty	QTY TOTAL	Company Reference	Ward's Natural Science			Sargent Welch				Nasco			
						DISQUALIFIED			DISQUALIFIED				DISQUALIFIED			
						Unit Cost	Unit Frt	Total	Alt	Unit Price	Unit Frt	Total	Alt	Unit Price	Unit Frt	Total
Ticker tape (500 ft pkg of 5)	2	4	2	8	Basic Science 310027				36436-340	2.67	21.36	192.24				
Carbon paper discs (100/pk)	1	1	1	3	Basic Science 310026				W10850Z-20	1.67	20.04	65.13				
Wave Demonstrator	-	-	1	1	Basic Science 310670				CP72703-20	7.48	7.48	14.96	SB13636M	8.60	8.60	17.20
Hand generators	-	24	12	36	Cynmar 022-19397				W12410	41.06	1,478.16	54,691.92	SB19041M	36.73	1,322.28	48,924.36
Stopwatches	3	3	3	9	Ed Innovat TIM-720 (12pk)				S77448	33.30	599.40	5,694.30	TB17891M	48.11	432.99	4,329.90
Air puck	3	8	4	15	Ed Innovat AIR-115											
Mirrors- Flat 2 1/2 x 3	24	24	12	60	Fisher Sci AJS63193											
Double Convex Lens (38 mm/ FL 10 cm)	12	24	24	60	Fisher Sci AJS42402				W13400	0.66	39.60	2,415.60	SB10477M	0.50	30.00	1,830.00
Double Alligator Wire Leads	22	-	22	44	Frey Sci 15-560884-21				S31121-25B	3.13	137.72	6,197.40				
Mini bulbs - 6.3 V, No.40	20	20	20	60	Frey Sci 15-563633-21				CP33002-00	5.32	331.20	20,191.20				
Magnetic compasses	24	-	12	36	Frey Sci 1556235221				CP78430-02	3.09	171.24	6,275.88				
.25W Carbon Film Resistor Set	2	2	2	6	Frey Sci 15-574599-21											
Gencon hand generators	24	-	12	36	Frey Sci 15-562912-12				W12410	41.06	1,478.16	54,691.92	SB19041M	36.73	1,322.28	48,924.36
100-ft measuring tape	2	3	3	8	Nasco SB33642M				W10177-01	1.37	10.96	98.64		15.08	120.64	1,085.76
Trundle wheel	1	2	1	4	Nasco TB20153T				W10175E	15.48	61.92	309.60		10.82	43.28	216.40
Ring stands 36"	-	12	4	16	Nasco SA37527M								SB37527M	10.00	160.00	2,720.00
Ring stands 18"	-	24	4	28	Nasco SM14025M				S78305-A	4.97	139.16	4,035.64	SB14025M	3.94	110.32	3,199.28
Hard Rubber Friction Rod	-	12	12	24	Nasco SB10572M				W11930	1.90	45.60	1,140.00		1.77	42.48	1,062.00
Ticker timers (comes w/ tape and carbon)	12	12	6	30	Nasco SB31088M				WI0850Z	26.13	783.90	24,300.90		38.46	1,153.80	35,767.80
Newtons cradle	3	3	3	9	Nasco SB42056M				S64367-00	16.33	146.97	1,469.70		9.64	86.76	867.60
Pasco Conceptual physics standard bundle (motion, force, photogates and more)	16	16	8	40	Pasco PS-2748A				W16693PS	1,199.09	47,963.60	1,966,507.60				-
Pasco 1.2m Pascar dynamic system (2 carts, track, + one mass)	8	12	4	24	Pasco ME-6955											-
Pasco microphone	1	1	1	3	Pasco CI-6506B				S1751-60	39.09	117.27	469.08				-
Castle electricity kits (kit incl items below)	12	-	12	24	Pasco EM-8654											-
Audio Frequency Function Generator w/ mpl	1	1	1	3	Sarg-Welch CP34610-00					410.00	1,230.00	4,920.00				-
Solar cells	24	-	24	48	Sarg-Welch WL2148M-22					11.04	529.92	25,966.08	SB16289M	9.00	432.00	21,168.00
Mirrors flat (100 x 100 x 2.5) back surfaced, 6/pk	2	-	2	4	Sarg-Welch WL3512M					6.35	25.40	127.00				-
Mirror Concave (50 mm/ FL 100 mm)	12	24	12	48	Sarg-Welch WL3520-10					1.35	64.80	3,175.20				-
Mirror Concave (50 mm/ FL 200 mm)	12	24	12	48	Sarg-Welch WL3520-13					0.88	42.24	2,069.76				-
Mirror Concave (50 mm/ FL 300 mm)	12	24	12	48	Sarg-Welch WL3520-14					1.30	62.40	3,057.60				-
Electronic balances (5000g) + analog	2	4	4	10	Sci Kit & Boreal Lab WW4719002				S1761-23	66.13	661.30	7,274.30	SB1435M	73.72	737.20	8,109.20
Density rods	24	24	24	72	Sci Kit & Boreal Lab WW4647700				S46477-00	8.58	617.76	45,096.48	SB15356M	7.12	512.64	37,422.72
Dial spring scales (Lecture Scales 50N)	3	3	3	9	Sci Kit & Boreal Lab 64405-00				S3775-30G	31.24	281.16	2,811.60				-
Alcohol thermometers	-	30	30	60	Sci Kit & Boreal Lab 65070-00				S80035-10G	1.42	85.20	5,197.20	SB14149M	0.54	32.40	1,976.40
Beakers (400mL)	1	2	1	4	Wards 17V 4050 (12pk)	39.60	158.40	792.00	S4675-L	27.59	110.36	551.80	SB42610M	28.92	115.68	578.40