

Invitation to Bid

South Hadley Electric Light Department

Line Material Requirements

January 1, 2019 to December 31, 2020

Bid is for a 2 year period.

Bidders are to submit two (2) copies of each sealed bid to the Office of the General Manager before 1:00 P.M., on FRIDAY, NOVEMBER 16, 2018.

Please mark envelopes: ***“Biennial Bid for Line Materials”*** and be sure to return the signed **“Certification of Signature Sheet”**.

Detailed specifications, for any of the above, may be obtained at the Office of the Manager, 85 Main Street, South Hadley, MA 01075. Proposals will be opened in consecutive order commencing at **1:00 P.M. on November 16, 2018.** No fax or electronic bids will be accepted. All bids must be clear and legible in order to be considered.

Any technical questions or concerns regarding the Biennial Bid, please call Ed Morrin (413) 536-1050 or e-mail at emorrin@sheld.org. The Invitation to Bid is also available on our website: www.sheld.org, under “About”, “RFP and Specifications” or click here. If you would prefer to have the bid forms emailed to you, please contact kmendoza@sheld.org.

The Municipal Light Board reserves the right to reject any or all bids that are not in the best interest of the Department.

Sean Fitzgerald, General Manager
South Hadley Electric Light Department
85 Main Street
South Hadley, MA 01075

CERTIFICATION OF SIGNATURE SHEET

The undersigned hereby certifies that under the penalties of perjury that his bid is in all respects bonafide, fair and made without collusion or fraud with any other person. As used in the subsection, the word "person" shall mean any natural person, joint venture, partnership, corporation or any other business entity.

The undersigned further certifies that under pains and penalty of perjury that to the best of my knowledge and belief, the vendor/contractor has filed all state tax returns and paid all state taxes required under law and has complied with all laws of the Commonwealth of Massachusetts relating to taxes.

COMPANY NAME AND ADDRESS: _____

TELEPHONE AND FAX NUMBER: _____

FEDERAL I.D. NUMBER: _____

DATE: _____

Signature of Corporate or Company Officer

Print Name

IF THE REMIT ADDRESS IS DIFFERENT THAN THE ADDRESS TO WHERE THE PURCHASE ORDERS ARE MAILED, PLEASE ENTER BELOW:

Remit to: _____

Approval of this contract will not be granted unless this certificate clause is signed by the applicant. This request is made under the authority of Mass. G.L. c. 62C S. 49A.

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

TERMS AND CONDITIONS FOR BIENNIAL LINE MATERIAL BIDS

The Terms and Conditions listed below may or may not apply to this procurement.

1. Preparation of Bids

The Specifications cover the Department's biennial requirement for line material, both General and Pole Line Hardware. The quantities of each item are the expected requirement for the term of this bid. The Department does not guarantee to purchase any minimum quantity. The Department also reserves the right to increase the purchase quantities during the term of this bid by a maximum of 100% of the expected requirement, and the successful bidder agrees to maintain the unit or item price.

2. Bid Form

Bids will not be accepted in any other form that is not accompanied by a completely filled out Bid Form. All bids must be submitted in duplicate (original with copy). Items quoted that are not in complete accordance with the Specifications must be clearly labeled as alternates and illustrations to verify their equivalency must be included.

All information, including item price and delivery date that will be used in awarding the contract(s) must be referenced on the Bid Form. Any additional information or explanation of terms may be attached, but will not supersede the Bid Form or the Department's terms and conditions.

All prices listed on the Bid Form are to be net, including any prompt payment discounts. Statements requiring group purchases will not be accepted. All bid figures will be typed and priced on a per unit basis. All prices are firm for orders issued within the twelve-month period noted on the Bid Form.

Bids will be considered even if they do not include each type or style of material. All bids will be based upon an item number and awards may be made on an item basis.

3. Delivery

Delivery shall be at the expense of the Bidder to 85 Main Street, South Hadley, MA 01075. Deliveries are accepted Monday through Friday between 8:00 a.m. - 12:00 p.m. and 1:00 p.m. - 3:00 p.m. only. The Department is closed on Holidays. A 24-hour notice is to be given if unloading assistance is required.

4. Guarantee

The Bidder shall guarantee all material against defects in design, materials, and workmanship and shall also guarantee that the material shall give successful service under the required conditions.

The material shall be manufactured, tested and meet all applicable industry, Federal and State standards.

5. **Award**

The Department will make a comparison of all properly received, qualifying bids for material based upon unit price and delivery date. Bidders' attention is directed to the policy of the Department to support, whenever possible, American industries. Notification of award will be made in the form of a purchase order for a particular item. No material will be accepted until a purchase order has been issued.

All items must be received by the South Hadley Electric Light Department within the specified delivery date of the bid, ARO, unless a longer delivery time has been agreed to in advance. Excessive delivery time is a factor in the award. The Vendor shall impose no penalties for cancellation of any order that was not received by the South Hadley Electric Light Department within the specified time.

6. **Contract and Payment Terms**

The successful Bidder shall agree that the following shall constitute the entire contract:

- 1) The completed bid form submitted by the Vendor shall be considered the offer; and
- 2) The Department's purchase order for each bid item will be considered the acceptance of the Vendor's offer; and
- 3) The terms and conditions contained within these specifications.

No other terms, conditions, or agreements shall be considered part of this contract unless agreed to in writing by both parties. The Department's contract shall be with the Vendor submitting the bid and not with any third party. No portion of the bids shall be sublet to any other Vendor without prior written approval of the Department.

The Department agrees to pay the Bidder in full within 30 days after delivery and acceptance of the material.

Massachusetts Tax Exempt Purchaser Certificate No. 046-001-303.

7. **Bids**

The Municipal Light Board hereby reserves and retains the right to reject any and all proposals that, in their opinion, are not in the best interest of the South Hadley Electric Light Department.

All bids must be submitted in a SEALED envelope plainly marked "**Biennial Bid for Line Materials**".

8. **Mass. Tax Laws**

The Bidder certifies that he has complied with all Mass. Tax Laws, (CH 62C SEC 49A).

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
011	Anchor, 10" Single Helix, Chance #E102-1633	40	
187	Arm, Street Light Mast 6', Lower Support Arm; American Electric #93-7201	250	
562	Arrestor Surge 10KV, Polymer, Ohio Brass #213709-7324	50	
390	Arrestor Riser 12KV, Polymer, Ohio Brass #221610-7324	50	
102	Arrestor, 10KV URD Elastimold, 167ESA-10	12	
721	Arrestor, 15KV URD Elastimold , 167BSA10	12	
709	Battery, Alkaline, Procell 7.5 V, Duracell #PC903	16	
392	Bolt, Carriage, 3/8" x 5", Chance C8635	250	
397	Bolt, Eye for 5/8" Bolt, Hubbell B14A	100	
235	Bolt, DA, 5/8" x 12", Chance #C8862	100	
013	Bolt, DA, 5/8" x 14", Chance #C8864	100	
007	Bolt, DA, 5/8" x 16", Chance #C8866	50	
290	Bolt, DA, 5/8" x 18", Chance #C8868	100	
015	Bolt, DA, 5/8" x 20", Chance #C8870	100	
283	Bolt, DA, 5/8" x 22", Chance #C8872	100	

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
119	Bolt, Machine 5/8" x 10", Chance #C8810	50	
086	Bolt, Machine, 5/8" x 12", Chance #C8812	400	
028	Bolt, Machine, 5/8" x 14", Chance #C8814	50	
676	Bolt, Machine 1/2" x 6", Chance #C8706	50	
180	Bolt, Toe (Lag Screw), 1/2" x 4", Chance 508754	500	
132	Box, UG Closure w/Cover-Small, Fiberglass 23.5 x 19 x 12; Pencell #PE-14, HDX	20	
336	Box UG, Closure w/Cover-Medium, Fiberglass 30x24x17x15, Pencell PE-20, HDX-5-X	20	
137	Box, UG Closure w/Cover-Large, Fiberglass 34 x 24-1/2 x 18, Carson #1324-15	12	
307	Box, UG Pull Hole w/Cover Street Light Size, 21 x 15-3/4 x 12, Carson #1419-12 PB	6	
037	Bracket, Adapter Terminator; 3M, MB-3 Mounting Bracket	50	
172	Bracket, Fiberglass Single Phase/Double Position 15" Maclean G1MA0115DC	24	
277	Bracket, Fiberglass Single Phase/Double Position 18" Maclean G1MA0118DD	24	

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

Bid Form - Line Materials

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Department Stock Code	Description	Purchase Quantity	Bid Amount
108	Bracket, Flood Light 32' Aluminum, Hapco #55964-001	50	
644	Bracket, House Deadend - Chance #207-0140	50	
741	Bracket, Tangent Messenger - Hendrix, BM-24	25	
161	Bushing, Insulated Standoff Cooper ISB215S	25	
009	Clamp, Center Bolt, Two-Bolt, CMC/ESP APR-1000-2I AL Parallel Clamp	100	
082	Clamp Hotline 2/0 - #8, Tin Plated, Blackburn #HLC2108P (No Alternate, Please)	50	
081	Clamp, Hotline AL 6-600, TAP 6 Sol. Anderson #AH4-GP	100	
523	Clamp, Lightning Shield, 4/0-556 Burndy #LSC556	100	
010	Clamp, Wedge 2-6 ACSR Reliable, 7195 1/0-6 SOL/ (Service Deadend)	500	
256	Clamp, Triplex, Neutral, Maclean MB62	200	
026	Clamp, Pipe 4", Chance, 6364-1/2, Pole Band For Conduit	40	
427	Cleaner, Cable HF (11 oz) CRC #2170	36	
050	Conduit, PVC 2" FA Coupling, Sch. 80 - Carlon #E942J	30	
160	Conduit, PVC 2" Coupling (TA) - Carlon #E943J	30	

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Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
241	Conduit, Pole Molding 10 ft; Flange 2"U-Guard, Carlon 59011N	136	
416	Conduit, PVC 2" Standard Coupling, Sch. 80 - Carlon #E940J	30	
367	Conduit, PVC 2" End Cap, Sch. 80 - Carlon #E958J	30	
450	Conduit, PVC 2" Weatherhead, Sch. 80, Carlon E998J	30	
415	Conduit, PVC 2" x 10', Sch. 80, Carlon 49411, Rigid	700 ft	
332	Conduit, PVC 2" 45D Elbow, Sch. 80, Carlon UB7AJ	30	
738	Conduit, PVC 2" 90D Elbow, Sch. 80, Carlon UB9AJ	30	
045	Conduit, PVC 3" Standard Coupling Sch. 80 - Carlon #E940L	30	
385	Conduit, PVC 3" FA Coupling Sch. 80 - Carlon #E942L	30	
374	Conduit, PVC 3" End Cap, Sch. 80 - Carlon #E958L	30	
113	Conduit, PVC 3" Expansion Joint, Sch. 80, Carlon F945L	30	
449	Conduit, PVC 3" Weatherhead, Sch. 80 Carlon E998L	30	
147	Conduit, PVC 3" x 10' Sch. 80, Carlon 49413	1000 ft	
451	Conduit, PVC 3" 45D Elbow, Sch. 80, Carlon UB7AL	30	

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Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
727	Conduit, PVC 3" 90 Degree Elbow, Sch. 80 Carlon #UB9AL	30	
524	Conduit, PVC 4" FA Coupling Sch. 80 - Carlon #E942N	30	
126	Conduit PVC 4" x 10', Carlon 49415 Rigid, Sch. 80	1000 ft	
858	Conduit PVC 4" 36" Radius 90 Degree Elbow Sch. 80 Carlon #UB9FN	30	
859	Conduit PVC 4" 36" Radius 45 Degree Elbow Sch. 80; Carlon #UB7FN	30	
452	Conduit PVC 4" 45D Elbow, Sch 80, Carlon UB7AN	30	
900	Conduit PVC 4" 90D Elbow, Sch. 80, PC UB9AN	30	
373	Conduit, PVC 4" End Cap, Sch. 80 - Carlon E958N	24	
227	Connector, AL, 1/0-#6, Fargo #GA-9020L SS	1500	
016	Connector, AL, 4/0-#2, Fargo #GA-9040L	100	
399	Connector, AL 1/0-4/0, Fargo #GA-9402L	400	
078	Connector, Ground Rod 1/0-8 Blackburn #JAB58	100	
084	Connector, Secondary (Squids) w/Street Light Adapter; 3-Position-Blackburn #UPC-33-SL1	50	

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
353	Connector, Secondary (Squids) w/Street Light Adapter; 4-Position Blackburn #UPC-44-SL1	50	
829	Connector, Secondary (Squids) w/out Street Light Adapter; 3-Position-Blackburn #UPC-33	50	
221	Connector, Secondary (Squids) w/out Street Light Adapter; 4-Position-Blackburn #UPC-44	50	
242	Connector, Secondary (Squids) w/out Street Light Adapter; 5-Position-Blackburn #UPC-55	50	
030	Connector, Servit R4-4/0, SOL CU, Burndy #KSU-20	200	
039	Connector, Vice-Type 4 Solid - Fargo #GC-5004	100	
713	Connector, Vise-type 4/0 Solid Fargo #GC 5040	100	
329	Connector, Vise-Type 6 Solid - Fargo #GC-5006	100	
497	Connector, Vise-Type 6 Solid 1/0 - Fargo #GC-207	100	
407	Cover, Insulated, Snap-on, Small, Fargo #GA-9000B2	1500	
042	Cover Insulated, Snap-on large, Fargo #GA-9000B3	100	
537	Cover, Plastic, Protective Sleeve 30", Fargo #GM936	300	
570	Crossarm, 6-Pin, Blank Drilled, F/6 Pin & Arming Bolt; 3.5 x 4.5 x 8, Penta	100	

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Bid Form - Line Materials

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Department Stock Code	Description	Purchase Quantity	Bid Amount
032	Crossarm, 8-Pin, Blank Drilled, F/8 Pin & Arming Bolt; 3.5 x 4.5 x 10, Penta	100	
685	Crossarm Reinforcing Plate 13/16" Hole - Chance #4063	100	
303	Crossarm Wooden Brace, Aluma-Form #AF-626	100	
624	Crossarm Wooden Brace, 60" Aluma-Form AF-6018	100	
157	Cutout, 100 Amp; Hubbell CP710-112PB	50	
805	Deadend, Shoe 2/0-#6, Bolted, Swing-Away ACSR Fargo; #GD-961A	200	
122	Deadend Swing-Away, 397.5 - #4, Fargo #GD-963A	100	
090	Deadend, Mid-Span Maclean #MS6	100	
622	Elbows-Loadbreak, 1/0, w/Test PT, Elastimold 166LRB5240	50	
2001	Fiber sno shoe 18.25" w/4mtg mnt brkts #FOS5TMK	30	
	Fiber lashing wire 1600' .038 #302038.WW	40	
	Fiber clamp d lashing 1/4" to 7/16" #2609010	500	
	Fiber spacer 1/2" plst cbl bell type #3408850	500	
	Fiber support 10" zinc lashed cbl #3408911	100	

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Department Stock Code	Description	Purchase Quantity	Bid Amount
	Fiber support 16" zinc lashed cbl #3408921	200	
	Fiber cable support 10" ss lashed #3408912	1000	
	Fiber tray foscaccdtray36 #426579000	28	
	Fiber marker wrap around 4" org/blk f/od 1/2"-1" #DN33	500	
	Fiber tape 3" 3 cell maxcell blk thre #MXC3456BK10000	10,000	
	Fiber clamp cbl susp 3 bolt galv #J1096	500	
	Fiber thimble eye nut 5/8" #J6510	50	
	Fiber clamp 11/16" curved susp 3 bolt #J7901A	50	
	Fiber hubble angle suspension clamp #7902L	50	
	Fiber hps deadend guy wire grip #FWDE1104	100	
	Fiber wire clamp six pair drop wire clamps reliable 6 prds	50	
366	Fixture, Streetlight, 36W LED, Green Cobra, #GCM1-30F-MV-NW-2-GY-350-PCR5-WL-4B	75	
381	Fixture, Streetlight, 88W LED, Green Cobra, #GCM2-40F-MV-NW-2-GY-700-PCR5-WL-4B	50	
405	Fixture, Streetlight, 128W LED, Green King Cobra, #GC2-120F-MV-NW-2-GY-350-PCR5-WL	10	

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
107	Fixture, Power Flood, 250W HPS, General Electric; #PF1S25S1A26X6DB	10	
287	Fixture, Post Top Cooper Lexington, Series LXF70SR2224, 70 watt HPS 120V w/photo control receptacle	24	
276	Fuse Holder, 30A-600V, Bussman Tron. HEB-AA	25	
047	Fuse Link "K" 6 amp, Chance #M6K23	50	
632	Fuse Link "K" 10 amp, Chance #M10K23	50	
111	Fuse Link "K" 15 amp, Chance #M15K23	50	
229	Fuse Link "K" 20 amp, Chance #M20K23	30	
075	Fuse Link "K" 25 amp, Chance #M25K23	50	
080	Fuse Link "K" 30 amp, Chance #M30K23	50	
051	Fuse Link "K" 40 amp, Chance #M40K23	50	
206	Fuse Link "K" 50 amp, Chance #M50K23	50	
230	Fuse Link "K" 65 amp, Chance #M65K23	50	
503	Fuse Link "K" 80 amp, Chance #M80K23	50	
267	Fuse Link "K" 100 amp, Chance #M100K23	50	
291	Guard, Wildlife, Fargo, GS-565, One Piece Insulator	100	

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Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
687	Guy Hook, Continental #GA-56X	100	
164	Guy, Guard, 7' Chance 84FRPM-Yellow, 3/16" x 1/2"	50	
170	Guy, Rod Strain 54" Fiberglass, Maclean Fiberglass Insulator Clevis & Roller #GCC3654R	20	
876	Guy Strain 12", Fiberglass Clevis & Roller, Maclean #GCTE15-12R	50	
261	Guy Strain 36", Fiberglass Clevis & Roller, Maclean #GCC21-36R	50	
207	Heat Shrink End Seal Raychem #ESC-3/A for 1/0 AL, 220 milwall	48	
222	Insert, Bushing Well, Cooper #LBI215	50	
100	Insulator, Epoxilator Bell, Ohio Brass 401015-0215	100	
412	Insulator, Screw Type, Plastic Vice-Style Hendrix #HPI-15VTP	360	
340	Insulink 1/0-1/0 AL/CU/ACSR-YELLOW-Burndy #ES25R25R	200	
232	Insulink 2 STR- 2 STR Burndy #ES2R2R-RED	200	
310	Insulink 2 STR -1/0 AL/CU/ACSR-RED/YELLOW; Burndy #ES25R2R	200	

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT

Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
1709	Insulink, Butt - 3M #MV10-BCX	300	
001	Kit, Sealing Cold Shrink 3-M #8452	100	
506	Lamp, 175W Mercury, Philips #H39KC-175/DX	50	
096	Lamp, 70W HPS Philips 36869-6 C70S62/Alto	100	
352	Lamp, 150W HPS 55V Philips 36874-6 C150S55/Alto	50	
234	Lamp, 250W HPS, Philips 36879-5 C250/Alto	36	
093	Lamp, 400W HPS Philips 36881-1 C400S51/Alto	12	
642	Lug, 4 STR, AL, Orange Compression Terminal, Blackburn #LAC42	100	
165	Lug, 1/0 AL Blackburn, LAC102	50	
628	Lug, 1/0 STR CU, Burndy #YA25-2N	50	
821	Lug, 2 STR, AL, Compression Terminal, Blackburn #LAC2	50	
124	Lug, 2 STR AL, Blackburn, LAC22	100	
362	Lug, 2/0 STR CU, Compression Terminal, Blackburn; #LCU202	50	
274	Lug, 4/0 AL Blackburn, LAC402	200	

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Bid Form - Line Materials

January 1, 2019 to December 31, 2020

Department Stock Code	Description	Purchase Quantity	Bid Amount
629	Lug, 4/0 STR CU (transformer lug) Burndy #YA28-2N	50	
626	Lug, 4/0 STR CU (squid lug) Blackburn #LCU-402	50	
781	Lug, 350 MCM Burndy, YA-2N, Lug N350-350 MCM	100	
515	Lug 350 MCM Blackburn, LCU 3502, Term Lug CU Comp; Tin Plated 8/350 MCM	100	
366	Markers, Guy 8', Reflective Yellow, Chance #96FRPE-YEL	100	
873	Molding, Plastic Guards, Chance 96KG12	100	
344	Nut, Eye Nut Standard for 5/8" Bolt, Chance #C6502	150	
648	Nut, Thimble Eye, Hubbell 12587	150	
760	Oil, Penetrating (11oz) CRC #02005	100	
752	Photocell, Control Ripley Lighting Controls, #6390LL-BK	200	
071	Pin Steel Crossarm; Joslyn J206Z (lead heads) 5/8"	50	
192	Pin, Angle Crossarm (Corner) Hubbell #PS8779 Ins Thread 1" Dia, Pin Hgt 5"	50	
554	Pin, Pole Top, 24", Chance #C2197-1	100	
668	Plate, Pole Eye, Guy Wire Holder, Maclean PEP-6645	50	
478	Pole, 30' AL Std. w/8' Mast Arm, Hapco 21-647	10	

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Department Stock Code	Description	Purchase Quantity	Bid Amount
430	Rod Guy 1" x 10' Chance #C5370	50	
190	Rod, Ground CU 5/8" x 8", Blackburn, 6258S	50	
613	Rod, Anchor 1" x 7', Chance #1020053	20	
564	Sleeve, Universal, Sealing for Squid w/Plug, Sealing Range - .390" - 923", Blackburn #WL2P	300	
402	Sleeve, Universal, Sealing for Squid w/Plug, Sealing Range - .543" - 1.185" Blackburn #WL3P	300	
218	Splice, Full Tension, 1/0 AL ACSR, Auto Fargo #GL406-YEL	50	
046	Splice - Straight 1/0 AL, 220 mil wall, Concentric Neutral Elastimold #15PCJ1G1240 or 3M, 5422-C1-1/0	24	
618	Staple, Galv 2 x 1/2, Chance #C205-0216	500	
349	Strandvise, 3/8" Splice, Long, Maclean #5102L	150	
064	Strandvise, 3/8", Guy, Short, Maclean #5152	150	
091	Strandvise, 7/16" Mech. Guy, Long, Maclean #5203L	150	
061	Strandvise, 7/16" Mech. Guy, Short, Maclean #5253	150	
655	Switch, Omni-Ruptor - S&C, 147442-R4ED711-R4-S1-A2, 3-Phase Outdoor Air Break	2	

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Department Stock Code	Description	Purchase Quantity	Bid Amount
065	Tape, Plastic Super 33 Plus 3-M #3/4" x 66'	800	
401	Tape, Vinyl Electrical 3/4" x 66' Assorted Colors 3M #35	100	
846	Tape, Rubber Splicing, Linerless 2" x 30', 3-M #130C/00076	50	
173	Termination Cable, 1/0 AL, 220 mil wall, Concentric Neutral; 3-M-Cold Shrink #7642-S-2 QT-111 .64-1.08 15kv w/#SC0010 pin-top connector	24	
304	Termination Lug Stem Connector 1/0 AL/CU 3M #SC0010	30	
471	Underground Devices - 36" Stanchion, Cat #CR36	10	
472	Underground Devices - 3" Saddle, Cat #3HDS	20	
473	Underground Devices - 8" Arm Cat #RA08	20	
481	Underground Devices - 14" Arm Cat #RA14	20	
495	Underground Devices - 20" Arm Cat #RA20	20	
590	Washer, Square for 5/8" Bolt, Chance #C6813	300	
175	Washer, Square Curved for 5/8" Bolt, Chance #C6822	300	
563	Washer, 5/8" Square Curved, Chance 6823-1/2	300	