



Office of Purchasing and Supply Services
Facilities Administration Building
13300 Old Marlboro Pike, Room 20
Upper Marlboro, MD 20772
301-952-6560 Fax: 301-952-6605

Robert Johnson, Esq., Director

NOTICE OF CONTRACT AWARD

November 19, 2018

Noland Company
10512 Balls Ford Road
Manassas, VA 20109
Telephone: 703.369.5531
Fax: 703.369.9065
Contact: Jesse Clarke
Email: jwclarkel@noland.com

Buyer: Dariya Jackson
Phone: 301.952.6726
Fax: 301.952.6605
Email: dariya.jackson@pgcps.org

SUBJECT: IFB: 023-18 Plumbing Supplies

Noland Company has been selected as the vendor to provide services in accordance with the above-mentioned contract. This contract sets forth the terms and conditions and is provided for your review and acceptance. Any changes or additions made by your company must first be accepted by the Purchasing Division before the contract is valid.

The intent of this contract is to provide the Board with an expedited means of procuring supplies and/or services at the lowest cost. This contract is for the convenience of the Board and is considered by Purchasing Department to be a "Non-Exclusive" use contract. The Board does not guarantee any usage. The Board will not be held to purchase any particular Brand, in any groups, prices or discount ranges, but reserves the right to purchase any item/items listed in the price schedule submitted.

Until the contract is signed by **Noland Company** and the BOARD, authorization for commence to service sites on behalf of the contract is forbidden. Please sign below and return all documents to the PURCHASING OFFICE within Ten (10) business days. Failure to sign the contract award and return all required documents within the specified time, shall rule your offer null and void and, therefore, award shall be made to the next low responsive bidder.

INITIAL CONTRACT TERM

The initial term of the contract will be for the following contracted period. Prices shall remain firm for the initial term of the contract. This contract is effective from **December 1, 2018 – November 30, 2019**.

OPTION TO RENEW CONTRACT

Upon satisfactory service and by mutual agreement the BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY reserves the right to renew the contract. The term of renewal shall not exceed three (3) additional one (1) year periods.

CONTRACT AWARD ESTIMATED AMOUNT

The estimated amount of award is:

\$129,261.68

THIS NOTICE OF AWARD IS NOT AN ORDER TO COMMENCE SERVICE/WORK OR TO MAKE DELIVERIES at this time. Commence service/work/deliveries only after receipt of a purchase order(s) signed by the Purchasing Agent.

ALL PURCHASE ORDERS placed throughout the terms of the contract will require delivery/service in accordance with the offered time(s).

LIQUIDATED DAMAGES/FAILURE TO PERFORM WORK

The successful Awardee accepts this contract with the understanding that should they fail to complete the work in an acceptable manner and in the time stated, the awardee, shall be subject to the payment of liquidated damages as stated in the solicitation documents.

AVAILABILITY OF FUNDS

The contract shall be deemed executory only to the extent of appropriations available to the BOARD for the purchase of such articles. The obligation of the BOARD on all contracts, including those which envision funding through current and successive fiscal years, shall be contingent upon actual Board appropriations for the fiscal year(s) involved.

This notice of award, plus the solicitation, your offer and any pertinent documents will constitute the entire contract after acceptance by your firm and the BOARD. Please refer to the **Notice of Award** for all applicable terms and conditions.

FINGERPRINTING AND CRIMINAL BACKGROUND CHECKS

Employees Having Direct Contact with and/or Uncontrolled Access to Students:

- A. Any and all current and future employees of the Vendor who have direct contact with students must have a fingerprinting criminal background check conducted by the Maryland Criminal Justice Information System (CJIS) and the FBI, a Child Protective Services clearance conducted by the Prince George's County Department of Social Services, and complete the Safe Schools training module – *Prince George's County Child Abuse: Mandatory Reporting* and any other required training as appropriate.
- B. All background checks must be completed 15 business days prior to beginning work in and around PGCPs property or engaging in any authorized activities involved PGCPs students. The background checks must be completed by the Fingerprinting Office in the Sasser Administrative Building or by the PGCPs satellite fingerprinting offices located in Prince George's County. No person may begin working in PGCPs until 15 days after completing the background clearance process (fingerprint and CPS) and required online training through Safe Schools.
- C. Prior to initiating any work at a school building, current and future employees, contractors, subcontractors, agents, volunteers, outsourced temporary staff, consultants and instructors of the Vendor must sign in and sign out via the Raptor Visitor Management System, which requires a copy of their government issued identification.

Restrictions on Employee Assignments:

Vendors are prohibited from assigning the following persons from working at a PGCPs location:

- A. Registered sex offenders (Maryland Code, Criminal Procedure Article Section 11-722)
- B. Individuals convicted of a crime involving third or fourth degree sexual offense under sections 3-307 or 3-308 of the Criminal Law Article; child sexual abuse under Section 3-602 of the Criminal Law Article; a crime of violence as defined in Section 14-101 of the Criminal law Article; or comparable offenses in another state. (Annotated Code of Maryland, Education Article Section 6-113)

- C. Individuals identified as an alleged abuse or neglect or following completion of a Child Protective Services investigation with a finding of "indicated" child abuse or neglect.

CRIMINAL BACKGROUND CHECKS

1. GENERAL PROVISIONS

- A. It is the responsibility of the Vendor to make certain that its employees, contractors, subcontractors, agents, volunteers, outsourced temporary staff, consultants and any instructors meet the background check and training requirements specified below.
- B. The Vendor agrees to provide the designated PGcps representative with a list of all current employees and an immediate update of changes in personnel, employees, contractors, subcontractors, agents, volunteers, outsourced temporary staff and any instructors. All correspondence should include the following information as applicable:
- i. title of the project
 - ii. school/office
 - iii. solicitation number
 - iv. contract number; and
 - v. PGcps representative/project manager
- C. An Executed Contract will not be issued by the PGcps Purchasing Department until proof has been provided that the background check and training requirements below have been completed 15 days following the issuance of Notice of Award.

Compliance Laws

Vendors shall comply with all federal, state, and local laws, statutes, ordinances, rules, and regulations applicable to the services to be rendered under this Contract. Vendor's violation of any of these laws, statutes, ordinances, rules or regulations constitutes a breach of this Contract and entitles the Board to terminate this Contract immediately upon delivery of written notice of termination to Vendor.

INSURANCE

A Certificate of Insurance, made in favor of the Board of Education of Prince George's County, Upper Marlboro, Maryland 20772-9983, must be submitted to the PURCHASING OFFICE with the returned signed NOTICE OF AWARD within ten (10) business days. The certificate should reference the Solicitation Number as shown herein. It will be the responsibility of the contractor to ensure that a current Certificate of Insurance is on file in the Purchasing Office during the entire period of the contract.

This notice of award, plus the solicitation and any pertinent documents will constitute the entire contract after acceptance by your firm and the BOARD. Please refer to **Contract** for all applicable terms and conditions.

Jesse Clarke @ Noland Company

ACCEPTED BY:

FOR THE FIRM:

FOR THE BOARD OF EDUCATION:

[Redacted Signature]

11/26/18

[Redacted Signature]

11/27/18

SIGNATURE

DATE

SIGNATURE

DATE

Jesse Clarke

NAME

Robert Johnson, Esq.

NAME:

Account Salesman

TITLE

Director, Purchasing & Supply Services

TITLE

FOR THE BOARD OF EDUCATION
OF PRINCE GEORGE'S COUNTY

GROUP 1 - COMPLETE FITTINGS FOR LAVATORIES, SINKS, AND TUB SHOWERS							
Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
1	Faucet, Kitchen 8" Ctr. To Ctr., deck mtd., Gerber#42-116 Only	(*4510-0989)	GERBER 42-116	Each	40	\$76.35	\$3,054.00
2	Faucet, Lavatory, 4" Ctr. To Ctr., without Pop-Up Drain, Gerber #43-431 Only	(*4510-0985)	GERBER 43-431	Each	25	\$76.27	\$1,906.75
3	Faucet, Lavatory, 8" Ctr. To Ctr., without Pop-Up Drain, Gerber #43-071 Only	(*4510-0987)	GERBER 43-071	Each	10	\$136.45	\$1,364.50
Group 1 Total							\$6,325.25
GROUP 2 - GENERAL REPAIR PARTS							
5	Aerator, Faucet, American Standard #56135-02 or equal	(*4510-0998)	WATERBERRY 920-BG	Each	150	\$0.94	\$141.00
6	Cock, Air, double, female, 1/4"	(*4730-0865)	JONES STEPHENS A11005 FXF	Each	15	\$5.52	\$82.80
8	Cover, Faucet Hole, 1-3/4"	(*4510-1017)	OATEY 1228	Each	50	\$1.00	\$50.00
9	Cover, Faucet Hole, 2"	(*4510-1018)	JONES STEPHENS B10202 2'	Each	40	\$1.29	\$51.60
10	Diaphragm, 3-1/4" dia., for Delany "Flushboy" flush valves; DELANY #F14KU	(*4510-2109)	DELANY 141-KU REBUILD KIT	Each	60	\$12.06	\$723.60
11	Drain, male iron pipe boiler, 3/4 NIBCO #74	(*4730-0330)	NIBCO 74-CL 3/4	Each	60	\$9.61	\$576.60
12	Drain, male iron pipe boiler, 1/2" NIBCO #74	(*4730-0331)	NIBCO 74-CL 1/2	Each	60	\$8.85	\$531.00
13	Flange, Closet, Cast Iron, 4"x4"	(*4730-2465)	JONES STEPHENS C47-440	Each	20	\$23.56	\$471.20
14	Flange, Closet, Cast Iron, 4"x2"	(*5975-0358)	JONES STEPHENS C47-420	Each	40	\$20.85	\$834.00
15	Flange, Floor, Galvanized, 1/2"	(*4730-0481)	MATCO NORCA ZMGFF03 1/2	Each	5	\$5.00	\$25.00
18	Slip Joint Nut, Chrome Plated Brass, 1-1/2"	(*4510-1044)	OATEY 8033	Each	100	\$0.45	\$45.00
19	Sill Cock, 3/4", NIBCO #63 ONLY.	(*4730-0332)	WOODFORD 24P3	Each	10	\$32.78	\$327.80
20	Strap, Copper, perforated, 3/4" x 25 ft. roll	(*5340-0851)	EMPIRE 239CT22050	Roll	5	\$12.00	\$60.00
21	Supply Kit, Lavatory, Kit to include: 2-angle 3.8" FIP x 3/8" compression valves, 2 tubes, 2 eschusions, EASTMAN CENTRAL D #6m12 or equal	(*4510-1953)	BRASSCRAFT OCR1912AXC	Each	100	\$23.38	\$2,338.00
22	Supply Kit, Closet, Kit to include: 1-angle 3/8 FIP x 3/8" compression valve, 1-tube, 1-eschusion, EASTMAN CENTRAL D #M612-3AS or equal	(*4510-1954)	BRASSCRAFT OCR1912DLC	Each	60	\$10.64	\$638.40
23	Extension Tail Piece, with Slip Joint Nut, and Washer, Chrome Plated Brass ONLY. 1-1/2" diameter, 12" length, Jamesco #717-303 or equal.	(*4510-1035)	OATEY 792A	Each	10	\$4.63	\$46.30
24	Tail Piece, Drain, 1-1/2"x12" lgth., 20 gauge, Chrome Plated Brass Only.	(*4510-1024)	OATEY 803BD	Each	30	\$9.55	\$286.50
25	Tail Piece, Drain, 1-1/2"x6" lgth., 20 gauge, Chrome Plated Brass Only.	(*4510-1026)	OATEY 801	Each	15	\$3.51	\$52.65
26	Trap, Sink, 1-1/4"x1-1/2", with 1-1/2" Female Ell (must be Ground Joint J-Bend), 20 gauge Chrome Finish.	(*4730-1949)	OATEY 700-1	Each	25	\$9.86	\$246.50
27	Trap, Sink, 1-1/2" x 1-1/2" Female Ell (must Be Ground Joint J-Bend), 20 gauge Chrome Finish.	(*4730-1950)	OATEY 702-1	Each	15	\$11.73	\$175.95
28	Trap, P Tubular, 1-1/2", 20 gauge Chrome Finish.	(*4730-1958)	OATEY 2702-1	Each	15	\$8.37	\$125.55
29	Trap. P, 1-1/2", flange fitting with sweat Ell; JAMECO #526-17-2 or equal	(*4730-2472)	ENGINEERED BRASS TS150	Each	30	\$22.99	\$689.70
30	Valve, Check, 1/2" threaded, JENKINS #762A, HAMMOND #IB944 MILWAUKEE #508 OR NIBCO #T433-B	(*4820-0123)	LEGEND VALVE	Each	5	\$8.37	\$41.85
31	Valve, spray, T&S #B107 Only.	(*5345-0934)	T&S B-0107 SPRAY HEAD	Each	15	\$53.60	\$804.00

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price	
34	Washer, slip joint, sq. cut, 1-1/2" SOLDER SEAL #W533 or equal	(*4510-1065)	WALRICH 2707004/W533	Each	100	\$0.01	\$1.00	
35	Washer, slip joint, 1-1/4 SOLDER SEAL #W531 or equal	(*4510-1066)	WALRICH 2707002/W531	Each	100	\$0.10	\$10.00	
36	Washer, Faucet, 1/2" flat, SOLDER SEAL #W152 or equal	(*4510-0106)	WALRICH 2702516/W152 100CT	Each	100	\$10.75	\$1,075.00	
37	Washer, Faucet, 1/4-L flat, SOLDER SEAL #W148 or equal	(*4510-0108)	WALRICH 2702508/W148 100CT	Each	200	\$9.92	\$1,984.00	
38	Washer, Faucet, 1/4" flat SOLDER SEAL #W147 or equal	(*4510-0110)	WALRICH 2702506/W147 100CT	Each	100	\$10.09	\$1,009.00	
39	Washer, Faucet, 3/8" flat, SOLDER SEAL #W149 or equal.	(*4510-0111)	WALRICH 2702510/W149 100CT	Each	100	\$10.09	\$1,009.00	
42	Washer, Faucet, 00 flat, SOLDER SEAL #W145 OR equal.	(*4510-0118)	WALRICH 2702502/W145 100CT	Each	100	\$9.92	\$992.00	
43	Washer, Faucet, "Aqua-Seal" SOLDER SEAL #W369 or equal	(*4510-2651)	WALRICH 2722002/W369	Each	100	\$0.25	\$25.00	
Group 2 Total								\$15,470.00
GROUP 3 - TOOLS, KITS, AND CHEMICALS								
44	Brush, Acid Swab, with metal handle	(*3611-1944)	JONES STEPHENS B29-701	Each	200	\$0.21	\$42.00	
45	Brush, dope, with wooden handle.	(*4730-1930)	SIOUX CHIEF 733	Each	40	\$0.88	\$35.20	
46	Brush, Copper Tube Cleaning, 3/8".	(*4730-1934)	TOUGH GUY 3/8 REF BRUSH	Each	10	\$8.13	\$81.30	
47	Brush, Copper Tube cleaning, 3/4"	(*4730-1932)	OATEY 31337	Each	50	\$1.60	\$80.00	
48	Brush, Copper Tube cleaning 1/2".	(*4730-1933)	OATEY 31336	Each	70	\$1.53	\$107.10	
49	Brush, Copper Tube cleaning 1".	(*4730-1931)	OATEY 31338	Each	20	\$1.68	\$33.60	
50	Cement, PVC, Heavy Duty, Clear; (for pvc plastic pipe & fittings), 16 oz. (pint) can, RADIATOR SPECIALITES brand #T60, OATEY # 031014	(*4730-2470)	OATEY 31074 16OZ	Can	30	\$5.05	\$151.50	
51	Cleaner, PVC, Purple, (for PVC plastic pipe & fittings), 16oz. (pint) can, RADIATOR SPECIALITIES brand or equal.	(*4730-2471)	OATEY 30757 16OZ	Can	15	\$5.57	\$83.55	
52	Cloth, Sanding, 25 yd. roll.	(*5330-1945)	OATEY 31318	Each	30	\$8.90	\$267.00	
53	Cock, Key Stop, 4-Way.	(*4510-2704)	JONES STEPHENS J40-048	Each	50	\$2.34	\$117.00	
54	Compound, joint sealing, Teflon TITE-SEAL #55 Blend ONLY, pint can.	(*4730-1947)	TITE-SEAL #55 (ORSNASCO)	Can	10	\$19.98	\$199.80	
55	Kit, Faucet Repair, DELTA #3614 ONLY	(*4510-2267)	DELTA RP3614 REPAIR KIT	Each	20	\$7.98	\$159.60	
56	Lighter, Flint Friction, Heavy Duty, Round File, with flint; UNIWELD brand, prestolite #790F34, or equal	(*4730-1929)	JONES STEPHENS J40-048 STRIKER	Each	10	\$2.66	\$26.60	
57	Flint, replacement Friction Round File; for above Item #55, (6) per box.	(*4730-1928)	TURBOTORCH F-1 FLINTS	Box	5	\$1.78	\$8.90	
58	Paste, Flux, 4 oz. can; UTILITY FLUX brand ONLY.	(*4730-1936)	UTILITY 14-210 FLUX	Can	80	\$3.10	\$248.00	
59	Pipe Dope, 1/2 pint can, must be approved for Propane and Natural Gas.	(*8030-0884)	HERCULES 15-420	Can	20	\$3.53	\$70.60	
60	Putty, Plastic, 5 lb., SOS brand #PP-5 or equal	(*8030-0886)	HERCULES 25-105	Each	20	\$7.23	\$144.60	
61	Solder, Lead Free, with silver, 16oz. Roll, BRIDGIT "Staysafe" brand or Taramet Sterling Solder	(*4730-1939)	WORTHINGTON 331755 STERLING	Roll	100	\$20.41	\$2,041.00	
62	Tape, Teflon 1/2" , 520" Roll, RAPID SEAL brand or equal	(*3611-1941)	HERCULES 15-164	Each	150	\$0.54	\$81.00	

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
63	Tape, Teflon, 3/4", 520" Spool. RAPID SEAL Brand or equal.	(*3611-1942)	HERCULES 15-176	Each	100	\$1.08	\$108.00
64	Tape, teflon 1". 520" Spool, RAPID SEAL brand or equal.	(*3611-1943)	HARVEY 017400-144	Each	100	\$2.67	\$267.00
Group 3 Total							\$4,353.35
GROUP 4 - REPAIRS TO DRINKING FOUNTAINS, FLUSH VALVES, AND URINALS SLOAN Brand ONLY, - No Generics							
65	V- 500- AA Cp, 1-1/2"x9" (#5323007).	(*4510-2088)	SLOAN 5323007 V500AA	Each	30	\$15.61	\$468.30
66	V- 500- AA Cp, 1-1/4"x9", (53230060).	(*4510-2095)	SLOAN 5323006 V500AA	Each	15	\$15.61	\$234.15
67	Kit, SD Stop, Repair, SLOAN #3308853	(*4510-2047)	SLOAN 3308853 H541ASD	Each	200	\$7.13	\$1,426.00
68	Kit, Handle Repair, SLOAN #B-50-A (#5302305), (6) per Package.	(*4510-2079)	SLOAN 5302305 B-50A	Each	150	\$2.44	\$366.00
69	"O" Ring, SLOAN #H-553 (#3308696).	(*4510-2077)	SLOAN 5308696 H553	Each	400	\$0.63	\$252.00
70	Valve, Quiet Exposed Urinal Flush, Chrome Plated, SLOAN #180 ONLY.	(*4510-2057)	SLOAN 3012400 180-3	Each	50	\$108.05	\$5,402.50
71	Seal, Handle packing, (for Sloan B-39 Handle), SLOAN (#5302297).	(*4510-2014)	SLOAN 5302297 B-39	Each	40	\$0.70	\$28.00
72	Disc. Molded, SLOAN #A -15-A (#5301111).	(*4510-2087)	SLOAN 5301111 A15A	Each	200	\$3.31	\$662.00
73	Handle Assembly, SLOAN #B-32-A CP (#5302279).	(*4510-2093)	SLOAN 5302279 B32A	Each	200	\$9.24	\$1,848.00
74	Kit, Vacuum Breaker Repair, SLOAN (#3323192).	(*4510-2105)	SLOAN 3323192 V551A	Each	500	\$2.17	\$1,085.00
Group 4 Total							\$11,771.95
GROUP 5 - LAVATORY AND DRAIN REPAIRS							
75	Plug, P.O., Perforated, Solid, One Piece, Chrome Plated Brass, 1 1/4"x 6" , 17 Gauge. (Grid Strainers 1/4" x 6", 1/4" x 8")	(*4730-1780)	DEARBORN 760-1 DRAIN	Each	30	\$6.80	\$204.00
Group 5 Total							\$204.00
GROUP 6 - TOILET AND TANK REPAIRS							
76	Ballcock, FLUIDMASTER #400a or equal.	(*4510-1964)	FLUIDMASTER PRO45	Each	40	\$7.03	\$281.20
77	Bolt, Closet, 5/16"x2",with brass Nuts and Stainless Steel oblong washers, solid brass only.	(*4510-1052)	JONES STEPHENS C02-004	Each	600	\$0.52	\$312.00
78	Seat, Toilet, Black, No Cover, Elongated, AMERICAN STANDARD #295 or equal.	(*4510-4741)	CHURCH 7F295CT-047	Each	300	\$16.67	\$5,001.00
79	Spud, Closet, 1-1/2"x1-1/4", with gasket	(*4730-0117)	WALRICH 1309010	Each	30	\$4.38	\$131.40
80	Spud, Closet, with gasket: a 1-1/4"	(*4730-0112)	WALRICH 1309012	Each	75	\$4.44	\$333.00
81	Spud, Closet, with gasket: b 1-1/2"	(*4730-0113)	WALRICH 1309008	Each	100	\$4.61	\$461.00
82	Wax Ring, regular.	(*8030-0899)	HERCULES 90-210	Each	150	\$0.98	\$147.00
83	Urinal Ring, Harvey #6	(*8030-0900)	HERCULES 90.260	Each	25	\$3.25	\$81.25
Group 6 Total							\$6,747.85
GROUP 7 - ELETRICAL MAINTENANCE PRODUCTS							
84	Aquastat, HONEYWELL #L6006A-1145	(*4820-1517)	HONEYWELL L6006A-1145	Each	10	\$99.75	\$997.50
85	Motor, 1/6 Hp., BELL & GOSSETT #111031	(*4730-0808)	B&G 111031 1/6HP	Each	15	\$328.24	\$4,923.60
86	Pump, Submersible sump, LITTLE GIANT ONLY #HT - 10-CIA-FS, CAT. 511700, 1/3 HP, 1750 RPM, 115 VAC, with mercury float switch, and 15' lgth. Cord; High Temperature, 60 HZ, 10.5 AMPS, 1 Phase, Thermally Portected, peak temperature shall be 200 degrees.	(*4730-0802)	LSP0311 1/3HP 115V	Each	30	\$129.23	\$3,876.90
87	Switch, Flow, MCDONNELL-MILLER #fs4-3 ONLY	(*4510-1692)	MCDONNELL 1/3 FS4-3 SWITCH	Each	15	\$222.16	\$3,332.40
Group 7 Total							\$13,130.40
GROUP 8- HANDLES, STEMS, AND SPOUTS							
Group 8 Total							\$0.00
GROUP 9 - HEAT/AIR CONDITIONING REPAIR AND MAINTENANCE PRODUCTS/BOILERS							

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
92	Cock, Compression Gauge, with polished brass finish, 125lb. Soft metal seat, round valve handle with screw, WITH stuffing box aluminum wheel; CONSOLIDATED #26-104-28 or equal.	(*4510-0111)	CONBRACO 26-104-28	Each	5	\$20.16	\$100.80
93	Gauge, Pressure, 2" , 60 PSI range, stem mtd - 1/4" male connection, ASHCROFT #1000 or equal.	(*4820-1544)	WALRICH 1712006 2" 60PSI	Each	10	\$45.40	\$454.00
94	Gauge, Pressure, 2", 30 VAC range, stemp mounted with 1/4" male connection, ASHCROFT #1000 or equal.	(*4820-1546)	WALRICH 1712004 2" 30PSI	Each	15	\$2.89	\$43.35
95	Gauge, Pressure, 2", 100 PSI range, stem mtd- 1/4" male connection, ASHCROFT #1000 or equal.	(*4820-1549)	WALRICH 1712008 2" 100PSI	Each	15	\$2.89	\$43.35
96	Gauge, Pressure, 2-1/2", 30 VAC/60 PSI range, stem mtd - 1/4" male connection, ASHCROFT #1000 or equal.	(*4820-1548)	WALRICH 1712506 2-1/2 60PSI	Each	10	\$3.48	\$34.80
97	Gauge, Pressure, 2-1/2", 30 VAC/30 PSI range, stem mtd - 1/4" male connection, ASHCROFT #1000 or equal.	(*4820-1551)	WALRICH 1712504 2-1/2 30PSI	Each	10	\$3.48	\$34.80
98	Gauge, Pressure, 3-1/2" , 100 PSI range stem mtd - 1/4" male connection , ASHCROFT #1000 or equal.	(*4820-1554)	WALRICH 1712808 3-1/2 100PSI	Each	10	\$6.53	\$65.30
100	Gauge, Pressure, 4-1/2" , 100 PSI range, stem mtd - 1/4" male connection, ASHCROFT or equal.	(*4730-1948)	WEKSLER EA14-C 4-1/2 100PSI	Each	15	\$13.53	\$202.95
101	Gauge, Rough Brass Water, complete with stuffing box, with 5/8" x 12" glass & rod, for 1/2" pipe size; CONBRACO #20-204-00 or equal.	(*4820-0118)	CONBRACO 20-204-00	Set	3	\$66.42	\$199.26
102	Glass, Gauge, sight (for boilers), 5/8" O.D. x 18' lgth., Pyrex high pressure, ERNST Fig. A Red Line or equal.	(*4510-2164)	WALRICH 1724012 GLASS	Each	10	\$22.76	\$227.60
103	Glass, Gauge, sight(for boilers), 5/8" O.D. x 24" lgth., Pyrex high pressure, ERNST Fig. A Red Line or equal.	(*4510-2165)	WALRICH 1724018 GLASS	Each	10	\$23.86	\$238.60
105	HOFFMAN Quick Vent #4 ONLY.	(*4510-1706)	HOFFMAN #4 VENT	Each	5	\$45.40	\$227.60
106	Valve, Water Main Vent, 3/4", HOFFMAN #79 ONLY.	(*4510-1690)	HOFFMAN #79 VENT	Each	25	\$75.31	\$1,882.75
107	HOFFMAN Air Vent, #790, with 1/8" connection, max. 30 PSI rated.	(*4510-1693)	HOFFMAN #790 VENT	Each	5	\$68.90	\$344.50
108	Thermocouple, Honeywell #Q340-1108 ONLY.	(*4730-1893)	HONEYWELL Q340-1108	Each	5	\$7.63	\$38.15
109	Thermometer, 40/240F Range, 1/2", WEISS #5SS2 ONLY.	(*4510-1691)	WEISS 5SS2-240 W/WELL	Each	10	\$22.59	\$225.90
112	Valve, Check, 3/4" threaded, JENKINS #762A, HAMMOND #IB944, MILWALKEE #508, or NIBCO #T433-B.	(*4820-0124)	LEGEND VALVE 3/4 105-104NL	Each	5	\$10.57	\$52.85
113	Valve, Check, 1", threaded, JENKINS #762A, HAMMOND #IB944, MILWAUKEE 3508, or NIBCO 3T433-B	(*4820-0125)	LEGEND VALVE 105-105NL	Each	10	\$14.32	\$143.20
114	Valve, Check, 1-1/4" , threaded, JENKINS #762A, HAMMOND #IB944, MILWAUKEE #508, or NIBCO #T433-B	(*4820-0126)	LEGEND VALVE 105-106NL	Each	4	\$21.06	\$84.24
115	Valve, Check, 2" , threaded, JENKINS #762A, HAMMOND #IB944, MILWAUKEE #508, or NIBCO #T433-B.	(*4820-0128)	LEGEND VALVE 105-108NL	Each	1	\$43.18	\$43.18

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
116	Valve, Check, C x C, 1/2", JENKINS #1222, HAMMOND IB912, MILWAUKEE #1509, or NIBCO S413.	(*4820-0152)	LEGEND VALVE 105-203NL	Each	5	\$8.37	\$41.85
117	Valve, Check, C x C, 1" , JENKINS #1222, HAMMOND IB912, MILWAUKEE #1509, OR NIBCO S413.	(*4820-0154)	LEGEND VALVE 105-205NL	Each	10	\$14.32	\$143.20
118	Valve, Check, C x C, 1-1/2", JENKINS #1222, HAMMOND IB912, MILWAUKEE #1509, or NIBCO S413.	(*4820-0156)	LEGEND VALVE 105-207NL	Each	3	\$28.68	\$86.04
119	Ball Valve, 3/4" , C x C, Sweat, FULL PORT ONLY, Watts #FBVS-3or equal.	(*4820-0507)	APOLLO 94ALF20401 ¾	Each	100	\$7.70	\$770.00
120	Ball Valve, 1" , C x C, Sweat, Full Port Only, Watts #FBVS-3 or equal.	(*4820-0508)	APOLLO 94ALF20501 1"	Each	40	\$11.89	\$475.60
121	Ball Valve, 1-1/4", C x C, Sweat, Full Port Only, Watts #FBVS-3 or equal	(*4820-0509)	APOLLO 94ALF206NL 1-1/4"	Each	40	\$18.47	\$738.80
122	Ball Valve, 1-1/2" , C x C Sweat, Full Port Only, Watts #FBVS-3 or equal.	(*4820-0510)	APOLLO 94ALF20701 1-1/2	Each	20	\$26.77	\$535.40
123	Ball Valve, 2" , C x C, Sweat, Full Port Only, Watts #FBVS-3 or equal.	(*4820-0511)	APOLLO 94ALF20801 2"	Each	10	\$40.78	\$407.80
124	Ball Valve, 1/4", threaded, Full Port Only, Must be AGA Approved, Watts#FBV-3 or equal.	(*4820-0498)	NIBCO TFP600A-LF ¼	Each	20	\$6.70	\$134.00
125	Ball Valve, 3/8", threaded, Full Port Only, Must be AGA Approved, Watts #FBV-3 or equal.	(*4820-0499)	NIBCO TFP600A-LF 3/8	Each	20	\$6.70	\$134.00
126	Ball Valve, 1/2", threaded, Full Port Only, Must be AGA Approved, Watts #FBV-3 or equal.	(*4820-0500)	APOLLO 94ALF10301A ½	Each	75	\$5.20	\$390.00
127	Ball Valve, 3/4", threaded, Full Port Only, Must be AGA Approved, Watts #FBV-3 or equal.	(*4820-0501)	APOLLO 94ALF10401A ¾	Each	100	\$8.30	\$830.00
128	Ball Valve, 1", threaded, Full Port Only, Must be AGA Approved, Watts #FBV-3 or equal.	(*4820-0502)	APOLLO 94ALF10501A 1"	Each	40	\$12.22	\$488.80
129	Bell Valve, 1-1/4, threaded, Full Port Only, Must be AGA Approved, Watts #FBV-3 or equal.	(*4820-0503)	APOLLO 94ALF10601A 1-1/4"	Each	30	\$19.27	\$578.10
130	Ball Valve, 1-1/2", threaded, Full Port Only, Must be AGA Approved, Watts #FBV-3 or equal.	(*4820-0504)	APOLLO 94ALF10701A 1-1/2"	Each	30	\$27.63	\$828.90
131	Ball Valve, 2", threaded, Full Port Only, Must be AGA Approved, Watts #FBV-3 or equal	(*4820-0505)	APOLLO 94ALF10801A 2	Each	30	\$43.23	\$1,296.90
132	Element, Angle Steam Trap, SARCO #66444 SARCO #66444 ONLY 3A element; (for use on Sarco 1/2" H & HB steam traps).	(*4820-0485)	SARCO 66444/3/8 1/2TH-25	Each	5	\$143.36	\$716.80
133	Element, Angle Steam Trap, SARCO #66447 ONLY 3A element; (for use on Sarco 3/4" TB-25 steam traps).	(*4820-0486)	SARCO 001770H REBUILD KIT	Each	20	\$200.76	\$4,015.20
134	Trap, Angle, 1/2" , SARCO #RTA125 ONLY.	(*4820-0459)	SARCO RTA125 ½	Each	10	\$147.15	\$1,471.50
135	Trap, Angle, 1" , SARCO Series "H" ONLY.	(*4820-0463)	SARCO RTA125 1"	Each	5	\$510.00	\$2,550.00
136	Trap, Angle, 3/4" , SARCO #TB-25 ONLY .	(*4820-0464)	SARCO RTA125 ¾	Each	4	\$211.43	\$845.72
137	Bearing Assy, Bronze, BELL & GOSSETT #189103 (#PB10Z4351) ONLY.	(*4510-2004)	B&G 189103 ASSY	Each	10	\$178.66	\$1,786.60
138	Bearing Assy., Cast Iron, BELL & GOSSETT #186863 ONLY.	(*4510-2003)	B&G 186863 ASSY	Each	5	\$333.71	\$1,668.55
139	Bearing Assy., Bre=onze, BELL & GOSSETT #189034 ONLY (PB1Z3351) .	(*4510-2006)	B&G 189034 ASSY	Each	5	\$84.95	\$424.75
140	Coupler Ring Mount set, BELL & GOSSETT #118706 ONLY.	(*4510-1980)	B&G 118706 RING MOUNT	Set	15	\$232.03	\$3,480.45
141	Coupler, BELL & GOSSETT #118705 (#PZ-4291) ONLY.	(*4510-1981)	B&G 118705 COUPLER	Each	30	\$14.50	\$435.00
142	Coupler, BELL & GOSSETT#118473 only (#12291-PDZ).	(*4510-1975)	B&G 118473 COUPLER	Each	5	\$37.08	\$185.40
143	Gasket Set, BELL & GOSSETT #118473 #118368 ONLY.	(*4510-1990)	B&G 118368 GASKET SET	Set	5	\$4.99	\$24.95
144	Gasket Set, BELL & GOSSETT #118378 ONLY (P818).	(*4510-1979)	B&G 118378 GASKET SET	Set	10	\$12.48	\$124.80

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
145	Gasket Set, BELL & GOSSETT #118373 ONLY (P618).	(*4510-1972)	B&G 118373 GASKET SET	Pack	5	\$10.79	\$53.95
146	Impeller, Bronze, BELL & GOSSETT #118431 (#PB4Z335) ONLY.	(*4510-1973)	B&G 118431 IMPELLER	Each	20	\$41.31	\$826.20
147	Impeller, Bronze, BELL & GOSSETT #118436 (#PB2Z835) ONLY.	(*4510-1974)	B&G 118436 IMPELLER	Each	15	\$101.13	\$1,516.95
148	Mount, Motor, (2) per package, BELL & GOSSETT #118227 ONLY.	(*4510-1976)	B&G 118228 MOUNTING RING (118227 HAS CHANGED)	Pack	5	\$25.91	\$129.55
149	Valve, Pressure Reducing, Brass, 3/4", set @12 PSI, BELL & GOSSETT Model, #B-7 (110036) or equal.	(*4510-2043)	B&G 110196 B7-12 VALVE	Each	12	\$68.19	\$818.28
150	Bearing, Assy., Bronze, TACO #111-059RP ONLY.	(*4510-2038)	TACO 111-059RP ASSY	Each	20	\$338.12	\$6,762.40
151	Bracket Assemble for TACO 110 Bronze Circulator; Part #110-362-BRP ONLY.	(*4510-2039)	TACO 110-362BRP ASSY	Each	5	\$117.96	\$589.80
152	Spring, Coupling, TACO #110-009RP ONLY.	(*4510-2011)	TACO 110-009RP COUPLING	Each	15	\$21.66	\$324.90
Group 9 Total							\$41,318.32
GROUP 10 - PIPE AND PIPE FITTINGS							
153	Adapter, C x F, 2", NIBCO		NIBCO 603 2" CXFIP ADPT	Each	30	\$15.02	\$450.60
154	Adapter, C x F, 3/4", NIBCO or equal.	(*4730-1169)	NIBCO 603 3/4 CXFIP ADPT	Each	200	\$2.14	\$428.00
155	Adapter, C x F, 1", NIBCO or equal.	(*4730-1167)	NIBCO 603 1" CXFIP ADPT	Each	25	\$4.88	\$122.00
156	Adapter, C x F, 1-1/4", NIBCO or equal.	(*4730-1163)	NIBCO 603 1-1/4 CXFIP ADPT	Each	40	\$7.08	\$283.20
157	Adapter, C x F, 1/2"x1/4", NIBCO or equal.	(*4730-1172)	NIBCO 603 1/2X1/4 CXFIP ADPT	Each	40	\$2.40	\$96.00
158	Adapter, C x F, 1/2" x3/8",NIBCO OR equal	(*4730-1173)	NIBCO 603 1/2X3/8 CXFIP ADPT	Each	40	\$2.40	\$96.00
159	Adapter, C x F, 1/2" NIBCO or equal.	(*4730-1174)	NIBCO 603 1/2 CXFIP ADPT	Each	200	\$1.56	\$312.00
160	Adapter, C x F, 1-1/2", NIBCO or equal.	(*4730-1160)	NIBCO 603 1-1/2 CXFIP ADPT	Each	40	\$11.06	\$442.40
161	Adapter, C x F, 1 1/4" x 1 1/2", NIBCO or equal.	(*4730-1161)	NIBCO 603 1-1/4X1-1/2 ADPT	Each	4	\$14.15	\$56.60
162	Adapter, C x M.I.P., 1/2" NIBCO or equal.	(*4730-1110)	NIBCO 603 1/2 CXMIP ADPT	Each	100	\$0.99	\$99.00
163	Adapter, C x M.I.P., 3/8"x1/2", NIBCO or equal.	(*4730-1111)	NIBCO 603 3/8X1/2 CXMIP ADPT	Each	5	\$3.00	\$15.00
164	Adapter, C x M.I.P., 1/2"x3/8",NIBCO or equal.	(*4730-1112)	NIBCO 604 1/2X3/8 CXMIP	Each	30	\$2.48	\$74.40
165	Adapter, C x M.I.P., 1/2"x3/4", NIBCO or equal.	(*4730-1113)	NIBCO 604 1/2X3/4 CXMIP	Each	20	\$2.84	\$56.80
166	Adapter, C x M.I.P., 3/4", NIBCO or equal	(*4730-1115)	NIBCO 604 3/4 CXMIP	Each	500	\$1.65	\$825.00
167	Adapter, C x M.I.P., 3/4"x1/2",NIBCO or equal.	(*4730-1116)	NIBCO 604 3/4X1/2 CXMIP	Each	40	\$2.84	\$113.60
168	Adapter, C x M.I.P., 1", NIBCO or equal	(*4730-1119)	NIBCO 604 1" CXMIP	Each	100	\$4.21	\$421.00
169	Adapter, C x M.I.P., 3/4"x1", NIBCO or equal.	(*4730-1120)	NIBCO 604 3/4X1 CXMIP	Each	10	\$6.22	\$62.20
170	Adapter, C x M.I.P., 1-1/2", NIBCO or equal.	(*4730-1125)	NIBCO 604 1-1/2 CXMIP	Each	60	\$7.08	\$424.80
171	Adapter, C x M.I.P., 1-1/2" x 1-1/4", NIBCO or equal.	(*4730-1127)	NIBCO 604 1-1/2X1-1/4 CXMIP	Each	5	\$14.32	\$71.60
172	Adapter, C x M.I.P., 2", NIBCO or equal.	(*4730-1129)	NIBCO 604 2" CXMIP	Each	50	\$11.98	\$599.00
173	Adapter, Female, DWV, Copper, 1-1/2", NIBCO or equal.	(*4730-1107)	NIBCO 903 1-1/2 DWVMIP	Each	25	\$5.83	\$145.75
174	Adapter, Ell, C x F.I.P., 90 3/4, NIBCO or equal.	(*4730-1144)	NIBCO 707-35LF 3/4 CXFIP 90	Each	5	\$8.97	\$44.85
175	Adapter, Male, 1-1/2" PVC, NIBCO or equal.	(*4730-1117)	CHARLOTTE 1-1/2 MIP	Each	25	\$0.69	\$17.25
176	Adapter, Female, 1-1/2" PVC, NIBCO or equal.	(*4730-1118)	CHARLOTTE 1-1/2 FIP	Each	10	\$0.68	\$6.80
177	Cap, Tube, C x C, 1/2"	(*4730-1493)	NIBCO 617 1/2 CAP	Each	250	\$0.35	\$87.50
178	Cap, Tube, C x C, 3/4"	(*4730-1498)	NIBCO 617 3/4 CAP	Each	150	\$0.64	\$96.00
179	Coupling, DWV, C x C, 1-1/2" with stop.	(*4730-1075)	NIBCO 901 DWV COUPLING W/S	Each	5	\$2.58	\$12.90
180	Coupling, Reducing, C x C, 3/8"x1/2", NIBCO or equal	(*4730-1342)	NIBCO 600 1/2X3/8 COUPLING	Each	10	\$0.73	\$7.30
181	Coupling, Reducing, C x C, 3/4x1/2", NIBCO or equal.	(*4730-1343)	NIBCO 600 3/4X1/2 COUPLING	Each	50	\$1.26	\$63.00

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
182	Coupling, Reducing, C x C, 1-1/4"x1" , NIBCO or equal.	(*4730-1345)	NIBCO 600 1-1/2X1 COUPLING	Each	10	\$3.16	\$31.60
183	Coupling, Reducing, C x C, 1"x3/4" , NIBCO or equal.	(*4730-1347)	NIBCO 600 1X3/4 COUPLING	Each	10	\$2.28	\$22.80
184	Coupling, Reducing, C x C, 1-1/4"x3/4" , NIBCO or equal.	(*4730-1348)	NIBCO 600 1-1/4X3/4 COUPLING	Each	20	\$3.13	\$62.60
185	Coupling, Reducing, C x C, 2" x 1-1/2", NIBCO or equal.	(*4730-1355)	NIBCO 600 2X1-1/2 COUPLING	Each	50	\$8.08	\$404.00
186	Coupling, Slip, C x C, 1/2", NIBCO or equal.	(*4730-1506)	NIBCO 601 1/2 COUPLING	Each	125	\$0.47	\$58.75
187	Coupling, Slip, C x C, 2"	(*4730-1501)	NIBCO 601 2" COUPLING	Each	20	\$6.93	\$138.60
188	Coupling, Slip, C x C, 1-1/2".	(*4730-1502)	NIBCO 601 1-1/2 COUPLING	Each	20	\$4.02	\$80.40
189	Coupling, Slip, C x C, 1".	(*4730-1504)	NIBCO 601 1" COUPLING	Each	20	\$2.03	\$40.60
190	Coupling, Slip, C x C, 3/4".	(*4730-1505)	NIBCO 601 3/4 COUPLING	Each	40	\$0.97	\$38.80
191	Coupling, Slip, PVC, 1 1/2".	(*4730-1349)	CHARLOTTLE 1-1/2 SLIP COUP	Each	10	\$1.98	\$19.80
192	Coupling, C x C, 3/4" Stop, NIBCO or equal	(*4730-1451)	NIBCO 600 3/4 COUPLING	Each	100	\$0.72	\$72.00
194	Coupling, C x C, 1" Stop, NIBCO or equal.	(*4730-1450)	NIBCO 600 1" COUPLING	Each	30	\$1.42	\$42.60
195	Couplin, C x C, 1-1/2" Stop, NIBCO or equal,	(*4730-1448)	NIBCO 600 1-1/2 COUPLING	Each	30	\$3.27	\$98.10
196	Coupling, C x C, 1-1/4" Stop, NIBCO or equal	(*4730-1449)	NIBCO 600 1-1/2 COUPLING	Each	25	\$2.43	\$60.75
198	Elbow, C x C, 1/2", Street 45 NIBCO or equal.	(*4730-1458)	NIBCO 606-2 1/2 STREET 45	Each	300	\$1.03	\$309.00
199	Elbow, C x C, 1-1/2", 45, NIBCO or equal.	(*4730-1460)	NIBCO 606 1-1/2 45	Each	10	\$6.03	\$60.30
200	Elbow, C x C, 1" 45, NIBCO or equal	(*4730-1462)	NIBCO 606 1" 45	Each	40	\$3.67	\$146.80
201	Elbow, C x C, 3/4", 45, NIBCO or equal.	(*4730-1463)	NIBCO 606 3/4 45	Each	30	\$1.47	\$44.10
202	Elbow, C x C, 1/2", 45 NIBCO or equal.	(*4730-1464)	NIBCO 606 1/2 45	Each	30	\$0.86	\$25.80
203	Elbow, C x C-ST, 1-1/2", 45 NIBCO or equal.	(*4730-1454)	NIBCO 606-2 1-1/2 STREET 45	Each	10	\$7.54	\$75.40
204	Elbow, C x C-ST, 1-1/4", 45 NIBCO or equal.	(*4730-1455)	NIBCO 606-2 1-1/4 STREET 45	Each	10	\$6.04	\$60.40
205	Elbow, C x C-ST, 3/4", 45 NIBCO or equal.	(*4730-1457)	NIBCO 606-2 3/4 STREET 45	Each	25	\$1.48	\$37.00
206	Elbow, C x C, 1/2", 90 NIBCO or equal.	(*4730-1468)	NIBCO 607 1/2 90	Each	800	\$0.48	\$384.00
207	Elbow, C x C, 3/4"x 1/2", 90 NIBCO or equal	(*4730-1470)	NIBCO 607 3/4X1/2 90	Each	25	\$2.70	\$67.50
208	Elbow, C x C, 3/4", 90, NIBCO or equal.	(*4730-1469)	NIBCO 607 3/4 90	Each	400	\$1.09	\$436.00
209	Elbow, C x C, 1", 90, NIBCO or equal	(*4730-1471)	NIBCO 607 1" 90	Each	200	\$2.58	\$516.00
210	Elbow, C x C, 1-1/4", 90 NIBCO.	(*4730-1472)	NIBCO 607 1-1/4 90	Each	150	\$3.82	\$573.00
211	Elbow, C x C, 1-1/2", 90 NIBCO or equal.	(*4730-1473)	NIBCO 607 1-1/2 90	Each	40	\$5.96	\$238.40
212	Elbow, C x C, 2", 90, NIBCO or equal.	(*4730-1474)	NIBCO 607 2" 90	Each	75	\$10.85	\$813.75
213	Elbow, C x C-ST, 1/2", 90 NIBCO or equal.	(*4730-1475)	NIBCO 607-2 1/2 STREET 90	Each	100	\$0.72	\$72.00
214	Elbow, C x C-ST, 3/4", 90 NIBCO or equal.	(*4730-1476)	NIBCO 607-2 3/4 STREET 90	Each	100	\$1.52	\$152.00
215	Elbow, C x C-ST, 1", 90 NIBCO or equal.	(*4730-1477)	NIBCO 607-2 1 STREET 90	Each	30	\$3.89	\$116.70
216	Elbow, C x C-ST, 1-1/4", 90 NIBCO or equal	(*4730-1478)	NIBCO 607-2 1-1/4 STREET 90	Each	30	\$5.71	\$171.30
217	Elbow, C x C-ST, 1-1/2", 90 NIBCO or equal	(*4730-1479)	NIBCO 607-2 1-1/2 STREET 90	Each	25	\$7.63	\$190.75
218	Elbow, C x C-ST, 2", 90 NIBCO or equal.	(*4730-1480)	NIBCO 607-2 2" STREET 90	Each	20	\$16.60	\$332.00
219	El, 90, DWV, Copper, 1-1/2", NIBCO or equal	(*4730-1106)	NIBCO 907 1-1/2 DWV 90	Each	25	\$6.65	\$166.25
220	El, 45, DWV, Copper, 1-1/2", NIBCO or equal	(*4730-1100)	NIBCO 906 1-12 DWV 45	Each	15	\$3.81	\$57.15
221	El, 90, DWV, Copper, 2", NIBCO or equal	(*4730-1105)	NIBCO 907 2" DWV 90	Each	5	\$10.62	\$53.10
222	El, 90, PVC, 1-1/2", NIBCO or equal	(*4730-0275)	CHARLOTTLE PVC300 1-1/2 90	Each	100	\$0.77	\$77.00
223	Fitting, Adapter, Copper, C x F, 1", NIBCO or equal.	(*4730-1242)	NIBCO 603-2 1" FTG ADPT	Each	5	\$7.08	\$35.40
224	Fitting Adapter, Copper, C x M.I.P/. 1/2", NIBCO or equal.	(*4730-1253)	NIBCO 604-2 1/2 FTGXMIP	Each	5	\$4.29	\$21.45
225	Fitting, AdapterCopper, C x M3/4" NIBCO or equal.	(*4730-1255)	NIBCO 604-2 3/4 FTGXMIP	Each	15	\$5.52	\$82.50

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
226	Fitting, Adapter, Copper, C x M, 1", NIBCO or equal.	(*4730-1258)	NIBCO 604-2 1" FTGMIP	Each	5	\$6.57	\$32.85
227	Fitting Adapter, Copper, C x M, 1-1/4", NIBCO or equal.	(*4730-1260)	NIBCO 604-2 1-1/4 FTGMIP	Each	2	\$20.07	\$40.14
228	Fitting Adapter, Copper, C x M, 1-1/2", NIBCO or equal.	(*4730-1262)	NIBCO 604-2 1-1/2 FTGMIP	Each	2	\$24.35	\$48.70
229	Pipe PVC 2" Schedule 40		CHARLOTTE 2X10 PE PIPE	Foot	10	\$0.69	\$6.90
230	1/2" I.D. (nom. Size).	(*4710-0116)	UNITED 1/2X10 L COPPER	Foot	100	\$1.27	\$127.00
231	3/4" I.D. (nom. Size).	(*4710-0117)	UNITED 3/4X10 L COPPER	Foot	75	\$2.06	\$154.50
232	1" I.D. (nom. Size).	(*4710-0118)	UNITED 1"X10 L COPPER	Foot	50	\$2.97	\$148.50
233	1-1/4" I.D. (nom.size).	(*4710-0119)	UNITED 1-1/4X10 L COPPER	Foot	30	\$4.08	\$122.40
234	1-1/2" I.D. (nom.size).	(*4710-0120)	UNITED 1-1/2X10 L COPPER	Foot	20	\$5.25	\$105.00
235	2" I.D. (nom. Size).	(*4710-0121)	UNITED 2X10 L COPPER	Foot	20	\$8.26	\$165.20
236	Pipe, copper, 1-1/2" DWV, (20 lin. Ft.lgths).	(*4710-0101)	UNITED 1-1/2X20 DWV COPPER	Foot	5	\$4.60	\$23.00
237	Pipe, copper, 2" DWV, (20 lin. Ft. lgths).	(*4710-0104)	UNITED 2X20 DWV COPPER	Foot	10	\$6.11	\$61.10
238	Pipe, PVC, 1-1/2" , schedule 40, Type 1, (20 lin. Ft lgths).	(*4710-0123)	CHARLOTTE 1-1/2X20 PVC PIPE	Foot	5	\$0.49	\$2.45
239	Tee, C x C, 1/2 x 1/2 x 1/2", NIBCO or equal.	(*4730-1335)	NIBCO 611 1/2 COPPER TEE	Each	100	\$0.81	\$81.00
240	Tee, C x C, 3/4 "x 3/4x 3/4", Wrot Copper, NIBCO or equal	(*4730-1339)	NIBCO 611 3/4 COPPER TEE	Each	30	\$1.93	\$57.90
241	Tee, C x C, 3/4"x1/2"x1/2", NIBCO or equal.	(*4730-1340)	NIBCO 611 3/4X1/2X1/2 COPPER TEE	Each	20	\$2.26	\$45.20
242	Tee, C x C, 3/4"x1/2"x3/4", NIBCO or equal.	(*4730-1358)	NIBCO 611 3/4X1/2X3/4 COPPER TEE	Each	5	\$2.26	\$11.30
243	Tee, C x C, 3/4"x3/4"x1/2" , NIBCO or equal.	(*4730-1360)	NIBCO 611 3/4X3/4X1/2 COPPER TEE	Each	25	\$1.84	\$46.00
244	Tee, C x C, 1", Wrought Copper, NIBCO or equal.	(*4730-1365)	NIBCO 611 1" COPPER TEE	Each	10	\$5.79	\$57.90
245	Tee, C x C, 1"x1"x3/4", NIBCO or equal.	(*4730-1368)	NIBCO 611 1X1X3/4 COPPER TEE	Each	5	\$5.92	\$29.60
246	Tee, C x C, 1"x3/4"x1", NIBCO or equal.	(*4730-1369)	NIBCO 611 1X3/4X1 COPPER TEE	Each	4	\$7.04	\$28.16
247	Tee, C x C, 1-1/4", Wrought Copper, NIBCO or equal.	(*4730-1375)	NIBCO 611 1-1/4 COPPER TEE	Each	20	\$7.98	\$159.60
248	Tee, C x C, 1-1/4"x1-1/4"x3/4", Wrought Copper, NIBCO or equal.	(*4730-1373)	NIBCO 611 1-1/4X1-1/4X3/4 COPPER TEE	Each	5	\$8.62	\$43.10
249	Tee, C x C, 1-1/2", NIBCO or equal	(*4730-1388)	NIBCO 611 1-1/2 COPPER TEE	Each	5	\$12.05	\$60.25
251	Tee, C x C, 1-1/2"x1-1/2"x1" NIBCO or equal.	(*4730-1391)	NIBCO 611 1-1/2X1-1/2X1 COPPER TEE	Each	10	\$9.15	\$91.50
252	Tee, C x C, 2", NIBCO or equal.	(*4730-1404)	NIBCO 611 2" COPPER TEE	Each	10	\$19.16	\$191.60
253	Tee, C x C, 2"x2"x3/4", NIBCO or equal.	(*4730-1406)	NIBCO 611 2X2X3/4 COPPER TEE	Each	10	\$14.48	\$144.80
254	Tubing, Refrigeration, 1/4" O.D., (50ft. Per roll), CERRO brand or equal.	(*4730-1374)	HOWELL 1/2X50 REF TUBE	Roll	5	\$24.01	\$120.05
255	Tubing, Refrigeration, 5/16" O.D., (50 ft. per roll), CERRO brand or equal	(*4710-1375)	HOWELL 5/16X50 REF TUBE	Roll	2	\$34.25	\$68.50
256	Tubing, Refrigeration, 3/8" O.D., (50 ft. per roll), CERRO brand or equal.	(*4710-1376)	HOWELL 3/8X50 REF TUBE	Roll	20	\$33.95	\$679.00
257	Tubing, refrigeration, 1/2" O.D., (50 ft. per roll), CERRO brand or equal.	(*4710-1377)	HOWELL 1/2X50 REF TUBE	Roll	15	\$48.29	\$724.35
258	Union, C x C, 3/4", NIBCO or equal.	(*4730-1281)	NIBCO 4733 3/4 UNION	Each	50	\$17.36	\$868.00
259	Union, C x C, 1/2", NIBCO or equal	(*4730-1282)	NIBCO 4733 1/2 UNION	Each	40	\$14.53	\$581.20
260	Union, C x C, 2", NIBCO or equal	(*4730-1277)	NIBCO 733-LF 2" UNION	Each	15	\$58.65	\$879.75

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
261	Union, C x C, 1-1/2", NIBCO or equal	(*4730-1278)	NIBCO 733-LF 1-1/2 UNION	Each	30	\$34.54	\$1,036.20
262	Union, C x C, 1", NIBCO or equal	(*4730-1280)	NIBCO 4733 1" UNION	Each	20	\$35.25	\$705.00
263	Union, C x C, 1-1/4", NIBCO or equal	(*4730-1279)	NIBCO 733-LF UNION	Each	25	\$26.26	\$656.50
264	Union, C.X.F.I.P., 3/4", NIBCO or equal.	(*4730-1133)	NIBCO 733-3 3/4 UNION	Each	5	\$15.54	\$77.70
265	Union, Cast, C x M. I.P., 3/4", NIBCO or equal.	(*4730-1275)	NIBCO 733-4 3/4 UNION	Each	10	\$13.50	\$135.00
266	Union, Cast, Dielectric, C x M.I.P.m 1/2".	(*4730-1276)	WATTS 1/2 LF3001A DIEL UNION	Each	15	\$7.04	\$105.60
	Bushing Brass						
267	1/4"x1/8"	(*4730-0226)	MATCO BBU0100LF 1/4X1/8 BUSH	Each	25	\$1.30	\$32.50
268	3/8"x1/4"	(*4730-0227)	MATCO BBU0201LF 3/8X1/4 BUSH	Each	25	\$1.30	\$32.50
269	1/2"x1/8"	(*4730-0228)	MATCO BBU0300LF 1/2X1/8 BUSH	Each	10	\$1.81	\$18.10
270	1/2"x1/4"	(*4730-0230)	MATCO BBU0301LF 1/2X1/4 BUSH	Each	20	\$1.55	\$31.00
271	1/2"x3/8"	(*4730-0231)	MATCO BBU0302LF 1/2X3/8 BUSH	Each	10	\$1.51	\$15.10
272	3/4"x1/4"	(*4730-0232)	MATCO BBU0401LF 3/4X1/4 BUSH	Each	15	\$2.50	\$37.50
273	3/4"x3/8"	(*4730-0234)	MATCO BBU0402LF 3/4X3/8 BUSH	Each	20	\$2.07	\$41.40
274	3/4"x1/2"	(*4730-0235)	MATCO BBU0403LF 3/4X1/2 BUSH	Each	20	\$2.07	\$41.40
275	1"x1/2"	(*4730-0237)	MATCO BBU0503LF 1X1/2 BUSH	Each	20	\$3.14	\$62.80
276	1"x3/4"	(*4730-0238)	MATCO BBU0504LF 1X3/4 BUSH	Each	10	\$3.20	\$32.00
277	1-1/4"x1/2"	(*4730-0240)	MATCO BBU0603LF 1-1/4X1/2 BUSH	Each	5	\$6.45	\$32.25
278	1-1/2"x3/4"	(*4730-0244)	MATCO BBU0704LF 1-1/2X3/4 BUSH	Each	5	\$8.35	\$41.75
279	2"x3/4"	(*4730-0247)	MATCO BBU0804LF 2X3/4 BUSH	Each	5	\$12.18	\$60.90
280	2"x1-1/2"	(*4730-0250)	MATCO BBU0807LF 2X1-1/2 BUSH	Each	5	\$10.32	\$51.60
	Caps, Beaded, Brass						
281	3/8"	(*4730-0289)	MATCO BCA02LF 3/8 CAP	Each	40	\$1.60	\$64.00
282	1/2"	(*4730-0290)	MATCO BCA03LF 1/2 CAP	Each	50	\$1.93	\$96.50
283	3/4"	(*4730-0291)	MATCO BCA04LF 3/4 CAP	Each	35	\$2.56	\$89.60
284	1"	(*4730-0292)	MATCO BCA05LF 1" CAP	Each	20	\$4.00	\$80.00
285	1-1/4"	(*4730-0293)	MATCO BCA06LF 1-1/4 CAP	Each	5	\$6.08	\$30.40
286	1-1/2"	(*4730-0294)	MATCO BCA07LF 1-1/2 CAP	Each	30	\$8.21	\$246.30
287	2"	(*4730-0295)	MATCO BCA08LF 2" CAP	Each	10	\$13.66	\$136.60
	Coupling, Beaded, Brass						
288	1/4"	(*4730-0122)	MATCO BCP01LF 1/4 COUPLING	Each	20	\$1.89	\$37.80
289	3/8"	(*4730-0123)	MATCO BCP02LF 3/8 COUPLING	Each	20	\$1.89	\$37.80
290	1/2"	(*4730-0125)	MATCO BCP03LF 1/2 COUPLING	Each	20	\$2.43	\$48.60
291	1/2"x1/4"	(*4730-0126)	MATCO BRC0301LF 1/2X1/4 COUPLING	Each	10	\$2.54	\$25.40
292	3/4"	(*4730-0132)	MATCO BCP04LF 3/4 COUPLING	Each	5	\$3.20	\$16.00
293	3/4"x1/2"	(*4730-0129)	MATCO BRC0403LF 3/4X1/2	Each	5	\$3.77	\$18.85

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
	Ell, Brass, 90 Degree						
294	1/4"	(*4730-0252)	MATCO BL9001LF ¼ BRS 90	Each	40	\$1.89	\$75.60
295	3/8"	(*4730-0253)	MATCO BL9002LF 3/8 BRS 90	Each	15	\$1.89	\$28.35
296	3/4"	(*4730-0258)	MATCO BL9004LF ¾ BRS 90	Each	25	\$3.88	\$97.00
	Nipples, Brass						
297	1/8"xClose	(*4730-0137)	MATCO NBR00CL 1/8XCL	Each	20	\$0.75	\$15.00
298	1/8"x2"	(*4730-0138)	MATCO NBR002 1/8X2	Each	20	\$0.91	\$18.20
299	1/8"x2-1/2"	(*4730-0139)	MATCO NBR00212 1/8X2-1/2	Each	20	\$1.03	\$20.60
300	1/8"x3"	(*4730-0140)	MATCO NBR003 1/8X3	Each	10	\$1.12	\$11.20
301	1/8"x3-1/2"	(*4730-0141)	MATCO NBR00312 1/8X3-1/2	Each	10	\$1.20	\$12.00
	Nipples, Brass continued						
302	1/8"x4-1/2"	(*4730-0143)	MATCO NBR00CL 1/8XCL	Each	10	\$1.53	\$15.30
303	1/8x5"	(*4730-0144)	MATCO NBR002 1/8X2	Each	15	\$1.65	\$24.75
304	1/8"x5-1/2"	(*4730-0145)	MATCO NBR00212 1/8X2-1/2	Each	5	\$1.79	\$8.95
305	1/4xClose	(*4730-0146)	MATCO NBR003 1/8X3	Each	20	\$0.88	\$17.60
306	1/4"x1-1/2"	(*4730-0147)	MATCO NBR00312 1/8X3-1/2	Each	10	\$1.02	\$10.20
307	1/4"x2"	(*4730-0148)	MATCO NBR012 1/4X2	Each	15	\$1.15	\$17.25
308	1/4"x3"	(*4730-0150)	MATCO NBR013 1/4X3	Each	15	\$1.46	\$21.90
309	1/4"x5"	(*4730-0153)	MATCO NBR015 1/4X5	Each	10	\$2.22	\$22.20
310	1/4"x6"	(*4730-0155)	MATCO NBR016 1/4X6	Each	10	\$2.69	\$26.90
311	3/8"xClose	(*4730-0156)	MATCO NBR02CL 3/8XCL	Each	30	\$0.91	\$27.30
312	3/8"x1-1/2"	(*4730-0157)	MATCO NBR02112 3/8X1-1/2	Each	25	\$1.09	\$27.25
313	3/8"x2"	(*4730-0158)	MATCO NBR022 3/8X2	Each	16	\$1.31	\$20.96
314	3/8"x2-1/2"	(*4730-0159)	MATCO NBR02212 3/8X2-1/2	Each	5	\$1.41	\$7.05
315	3/8"x3"	(*4730-0160)	MATCO NBR023 3/8X3	Each	10	\$1.73	\$17.30
316	3/8"x3-1/2"	(*4730-0161)	MATCO NBR02312 3/8X3-1/2	Each	10	\$1.87	\$18.70
317	3/8"x5 1/2"	(*4730-0165)	MATCO NBR02512 3/8X5-1/2	Each	10	\$2.82	\$28.20
318	1/2"xClose	(*4730-0167)	MATCO NBR03CL 1/2XCL	Each	40	\$1.60	\$64.00
	Nipples, Brass						
319	1/2"x1-1/2"	(*4730-0168)	MATCO NBR03112 1/2X1-1/2	Each	10	\$2.81	\$28.10
320	1/2"x3"	(*4730-0171)	MATCO NBR033 1/2X3	Each	10	\$3.02	\$30.20
321	1/2"x3-1/2"	(*4730-0172)	MATCO NBR03312 1/2X3-12	Each	5	\$3.47	\$17.35
322	1/2"x4"	(*4730-0173)	MATCO NBR034 1/2X4	Each	5	\$3.94	\$19.70
323	1/2"x4-1/2"	(*4730-0174)	MATCO NBR03412 1/2X4-1/2	Each	5	\$4.28	\$21.40
324	1/2"x5"	(*4730-0175)	MATCO NBR035 1/2X5	Each	5	\$4.71	\$23.55
325	1/2"x6"	(*4730-0177)	MATCO NBR036 1/2X6	Each	5	\$5.73	\$28.65
326	3/4"xClose	(*4730-0178)	MATCO NBR04CL 3/4XCL	Each	20	\$2.29	\$45.80
327	3/4"x2"	(*4730-0179)	MATCO NBR042 3/4X2	Each	20	\$2.88	\$57.60
328	3/4"x2 1/2"	(*4730-0180)	MATCO NBR04212 3/4X2-1/2	Each	25	\$3.34	\$83.50
329	3/4"x3"	(*4730-0181)	MATCO NBR043 3/4X3	Each	20	\$2.94	\$58.80
330	3/4"x6"	(*4730-0187)	MATCO NBR046 3/4X6	Each	10	\$7.33	\$73.30
331	1"xClose	(*4730-0188)	MATCO NBR05CL 1XCL	Each	10	\$2.57	\$25.70

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
332	1"x2"	(*4730-0189)	MATCO NBR052 1X2	Each	5	\$4.16	\$20.80
333	1"x2-1/2"	(*4730-0190)	MATCO NBR05212 1X2-1/2	Each	10	\$4.75	\$47.40
334	1"x3"	(*4730-0191)	MATCO NBR053 1X3	Each	10	\$5.46	\$54.60
335	1"x3-1/2"	(*4730-0192)	MATCO NBR05312 1X3-1/2	Each	10	\$6.32	\$63.20
336	1"x4"	(*4730-0193)	MATCO NBR054 1X4	Each	10	\$7.11	\$71.10
337	1"x4-1/2"	(*4730-0194)	MATCO NBR05412 1X4-1/2	Each	5	\$7.93	\$39.65
338	1"x5"	(*4730-0195)	MATCO NBR055 1X5	Each	5	\$6.68	\$33.40
GROUP 10 - PIPE AND PIPE FITTINGS continued							
339	1"x6"	(*4730-0197)	MATCO NBR056 1X6	Each	5	\$10.47	\$52.35
340	1-1/4"x2"	(*4730-0199)	MATCO NBR062 1-1/4X2	Each	10	\$4.33	\$43.30
341	1-1/2"xClose	(*4730-0208)	MATCO NBR07CL 1-1/2XCL	Each	10	\$6.46	\$64.60
342	1-1/2"x2-1/2"	(*4730-0209)	MATCO NBR07212 1-1/2X2-1/2	Each	10	\$6.35	\$63.50
343	1-1/2"x3"	(*4730-0210)	MATCO NBR073 1-1/2X3	Each	20	\$9.57	\$191.40
344	1/2" x 2"		MATCO NBR032 1/2X2	Each	10	\$2.11	\$21.10
345	1/2" x 2 1/2"		MATCO NBR03212 1/2X2-1/2	Each	10	\$2.51	\$25.10
346	1/2" x 5 1/2"		MATCO NBR03512 1/2X5-1/2	Each	10	\$5.05	\$50.50
347	3/4" x 5"		MATCO NBR045 3/4X5	Each	10	\$5.89	\$58.90
348	3/4" x 5 1/2"		MATCO NBR04512 3/4X5-1/2	Each	10	\$6.44	\$64.40
349	3/4" x 4"		MATCO NBR044 3/4X4	Each	10	\$4.92	\$49.20
350	3/4" x 4 1/2"		MATCO NBR04412 3/4X4-1/2	Each	10	\$5.34	\$53.40
351	1-1/4" x 2 1/2"		MATCO NBR06212 1-1/4X2-1/2	Each	10	\$4.89	\$48.90
352	1-1/4" x 3		MATCO NBR063 1-1/4X3	Each	10	\$7.59	\$75.90
353	1-1/4" x 3 1/2"		MATCO NBR06312 1-1/4X3-1/2	Each	10	\$6.77	\$67.70
354	1-1/4" x 4"		MATCO NBR064 1-1/4X4	Each	10	\$7.63	\$76.30
355	1-1/4" x 4 1/2"		MATCO NBR06412 1-1/4X4-1/2	Each	10	\$8.45	\$84.50
356	1-1/4" x 5"		MATCO NBR065 1-1/4X5	Each	10	\$12.21	\$122.10
357	1-1/4" x 5 1/2"		MATCO NBR0612 1-1/4X5-1/2	Each	10	\$10.18	\$101.80
358	1-1/4" x 6"		MATCO NBR066 1-1/4X6	Each	10	\$11.13	\$111.30
	Plugs, Brass, (Sq. Head)						
359	1/8"	(*4730-0278)	MATCO BPL00LF 1/8 PLUG	Each	40	\$1.29	\$51.60
360	1/4"	(*4730-0279)	MATCO BPL01LF 1/4 PLUG	Each	100	\$1.27	\$127.00
361	3/8"	(*4730-0280)	MATCO BPL02LF 3/8 PLUG	Each	60	\$1.26	\$75.60
362	1/2"	(*4730-0281)	MATCO BPL03LF 1/2 PLUG	Each	30	\$2.03	\$60.90
363	3/4"	(*4730-0282)	MATCO BPL04LF 3/4 PLUG	Each	30	\$2.32	\$69.60
364	1"	(*4730-0283)	MATCO BPL05LF 1 PLUG	Each	5	\$3.05	\$15.25
	Tee, Beaded, Brass						
365	1/4"	(*4730-0297)	MATCO BT01LF 1/4 TEE	Each	25	\$2.67	\$66.75
366	1"	(*4730-0312)	MATCO BT05LF 1" TEE	Each	10	\$8.63	\$86.30
	Cap, Galvanized						
367	1/2"	(*4730-0297)	MATCO ZMGCA03 1/2 CAP	Each	25	\$0.74	\$18.50
368	1"	(*4730-0312)	MATCO ZMGCA05 1 CAP	Each	10	\$1.16	\$11.60
	Coupling, Galvanized Beaded						
369	1/2"	(*4730-0713)	MATCO ZMGCP03 1/2 COUP	Each	5	\$0.99	\$4.95

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
370	1-1/4"	(*4730-0716)	MATCO ZMGCP06 1-1/4 COUP	Each	5	\$2.58	\$12.90
	Coupling, Reducing, Galvanized Beaded						
371	1-1/2"x1-1/4"	(*4730-0755)	MATCO ZMGCP0603 1/2X1-1/4	Each	10	\$3.03	\$30.30
372	3/4"x1/2"	(*4730-0746)	MATCO ZMGCP0403 3/4X1/2	Each	10	\$1.16	\$11.60
	El, Galvanized- 90						
373	1-1/4"	(*4730-0689)	MATCO ZMGL9006 1-1/4 90	Each	5	\$2.43	\$12.15
	Tee, Galvanized						
374	3/4"	(*4730-0676)	MATCO ZMGT04 3/4 TEE	Each	3	\$1.43	\$7.15
	Bushing, Black						
375	1/4"x1/8"	(*4730-1783)	MATCO ZMBBU0100 1/4X1/8	Each	40	\$1.53	\$61.20
376	3/8"x1/4"	(*4730-1785)	MATCO ZMBBU0201 3/8X1/4	Each	50	\$1.50	\$75.00
377	1/2"x1/8"	(*4730-1786)	MATCO ZMBBU0300 1/2X1/8	Each	25	\$1.50	\$37.50
378	1/2"x1/4"	(*4730-1787)	MATCO ZMBBU0301 1/2X1/4	Each	20	\$1.50	\$30.00
379	1/2"x3/8"	(*4730-1788)	MATCO ZMBBU0302 1/2X3/8	Each	30	\$0.89	\$26.70
380	3/4"x1/4"	(*4730-1789)	MATCO ZMBBU0401 3/4X1/4	Each	20	\$1.02	\$20.40
381	3/4"x3/8"	(*4730-1790)	MATCO ZMBBU0402 3/4X3/8	Each	15	\$1.02	\$15.30
382	3/4"x1/2"	(*4730-1791)	MATCO ZMBBU0403 3/4X1/2	Each	25	\$1.36	\$34.00
383	1"x1/2"	(*4730-1793)	MATCO ZMBBU0503 1X1/2	Each	25	\$1.40	\$35.00
384	1"3/4	(*4730-1794)	MATCO ZMBBU0504 1X3/4	Each	25	\$1.40	\$35.00
385	1-1/4"x1/2"	(*4730-1795)	MATCO ZMBBU0603 1- 1/4X1/2	Each	10	\$1.38	\$13.80
386	1-1/4"x3/4"	(*4730-1796)	MATCO ZMBBU0604 1- 1/4X3/4	Each	15	\$1.80	\$27.00
387	1-1/4"x1"	(*4730-1797)	MATCO ZMBBU0605 1- 1/4X1	Each	20	\$1.80	\$36.00
388	1-1/2"x1/2"	(*4730-1798)	MATCO ZMBBU0703 1- 1/2X1/2	Each	5	\$1.58	\$7.90
389	1-1/2"x3/4"	(*4730-1799)	MATCO ZMBBU0704 1- 1/2X3/4	Each	10	\$2.28	\$22.80
390	1-1/2"x1"	(*4730-1800)	MATCO ZMBBU0705 1- 1/2X1	Each	10	\$2.00	\$20.00
391	1-1/2"x1-1/4"	(*4730-1801)	MATCO ZMBBU0706 1- 1/2X1-1/4	Each	10	\$2.29	\$22.90
	Cap, Black						
392	1/8"	(*4730-1870)	MATCO ZMBCA00 1/8 BLK CAP	Each	5	\$0.76	\$3.80
393	3/4"	(*4730-1866)	MATCO ZMBCA04 3/4 BLK CAP	Each	50	\$1.14	\$57.00
394	1"	(*4730-1865)	MATCO ZMBCA05 1 BLK CAP	Each	30	\$1.37	\$41.10
395	1-1/4"	(*4730-1864)	MATCO ZMBCA06 1-1/4 BLK CAP	Each	10	\$1.79	\$17.90
396	1-1/2"	(*4730-1863)	MATCO ZMBCA07 1-1/2 BLK CAP	Each	10	\$2.43	\$24.30
397	2"		MATCO ZMBCA08 2" BLK	Each	10	\$3.18	\$31.80

Item No.	Description	Oracle Number	CAP		Unit	Est Usage	Unit Price	Extended Price
			Mfg/Brand & Part No. Offered					
	Coupling, Black, Beaded							
398	1/8"	(*4730-1822)	MATCO ZMBCP00 1/8 BLK COUP		Each	10	\$1.14	\$11.40
399	1/4"	(*4730-1821)	MATCO ZMBCP01 ¼ BLK COUP		Each	25	\$0.97	\$24.25
400	3/8"	(*4730-1820)	MATCO ZMBCP02 3/8 BLK CAP		Each	10	\$0.97	\$9.70
	Coupling, Black, Beaded continued							
401	1/2"	(*4730-1819)	MATCO ZMBCP03 ½ BLK COUP		Each	50	\$1.14	\$57.00
402	3/4"	(*4730-1818)	MATCO ZMBCP04 ¾ BLK COUP		Each	25	\$1.34	\$33.50
403	1"	(*4730-1817)	MATCO ZMBCP05 1 BLK COUP		Each	15	\$2.02	\$30.30
	Coupling, Reducing, Black, Beaded							
404	3/4"x1/2"	(*4730-1813)	MATCO ZMB CPR0403 3/4X1/2		Each	5	\$1.34	\$6.70
405	1-1/4"x1"	(*4730-1836)	MATCO ZMB CPR0605 1-1/4X1		Each	5	\$2.60	\$13.00
406	2"x1-1/2"	(*4730-1837)	MATCO ZMB CPR0807 2X1-1/2		Each	5	\$4.76	\$23.80
	Elbow, Black, Malleable 90							
407	1/2"	(*4730-3136)	MATCO ZMBL9003 ½ BLK 90		Each	75	\$0.84	\$63.00
408	3/4"	(*4730-3137)	MATCO ZMBL9004 ¾ BLK 90		Each	50	\$1.02	\$51.00
409	1"	(*4730-3138)	MATCO ZMBL9005 1" BLK 90		Each	25	\$1.78	\$44.50
410	1-1/4"	(*4730-3139)	MATCO ZMBL9006 1-1/4 BLK 90		Each	5	\$2.88	\$14.40
411	1-1/2"		MATCO ZMBL9007 1-1/2 BLK 90		Each	10	\$3.79	\$37.90
	Ell, Black, 45 (Cast Only)							
412	1-1/4"	(*4730-1825)	MATCO CIL4506 1-1/4 CAST 45		Each	10	\$3.10	\$31.00
413	1"	(*4730-1826)	MATCO CIL4505 1" CAST 45		Each	10	\$2.23	\$22.30
414	1/2"	(*4730-1829)	MATCO CIL4503 ½ CAST 45		Each	10	\$1.09	\$10.90
415	3/4"	(*4730-1828)	MATCO CIL4505 ¾ CAST 45		Each	15	\$1.66	\$24.90
416	1-1/2"		MATCO CIL4507 1-1/2 CAST 45		Each	10	\$5.17	\$51.70
	Ell, Black, 90 (Cast Only)							
419	1/2"	(*4730-1808)	MATCO CIL9003 ½ CAST 90		Each	15	\$1.20	\$18.00
420	3/4"	(*4730-1809)	MATCO CIL9004 ¾ CAST 90		Each	25	\$1.26	\$31.50
421	1"	(*4730-1810)	MATCO CIL9005 1 CAST 90		Each	25	\$1.45	\$36.25
422	1-1/4"	(*4730-1811)	MATCO CIL9006 1-1/4 CAST 90		Each	50	\$2.43	\$121.50
423	1-1/2"	(*4730-1833)	MATCO CIL9007 1-1/2 CAST 90		Each	15	\$3.05	\$45.75
424	2"	(*4730-1832)	MATCO CIL9008 2 CAST 90		Each	15	\$4.76	\$71.40

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
	Nipples, Black						
425	Nipple, Black, 1/8"x1-1/2"	(*4730-1570)	MATCO ZNB00112 1/8X1-1/2	Each	15	\$0.48	\$7.20
426	1/4"xClose	(*4730-1572)	MATCO ZNB01CL 1/4XCL	Each	15	\$0.60	\$9.00
427	1/4"x1-1/2"	(*4730-1573)	MATCO ZNB01112 1/4X1-1/2	Each	15	\$0.64	\$9.60
428	1/4"x2"	(*4730-1574)	MATCO ZNB012 1/4X2	Each	10	\$0.64	\$6.40
429	1/4"x3"	(*4730-1576)	MATCO ZNB013 1/4X3	Each	15	\$0.82	\$12.30
	Nipples, Black continued						
430	1/4"x5"	(*4730-1580)	MATCO ZNB015 1/4X5	Each	5	\$1.14	\$5.70
431	1/4"x5-1/2"	(*4730-1581)	MATCO ZNB01512 1/4X5-1/2	Each	5	\$1.34	\$6.70
432	3/8"x2"	(*4730-1584)	MATCO ZNB022 3/8X2	Each	15	\$0.70	\$10.50
433	3/8"x2-1/2"	(*4730-1585)	MATCO ZNB02112 3/8X2-1/2	Each	20	\$0.70	\$14.00
434	3/8"x5"	(*4730-1590)	MATCO ZNB025 3/8X5	Each	10	\$1.19	\$11.90
435	1/2"xClose	(*4730-1593)	MATCO ZNB03CL 1/2XCL	Each	60	\$0.52	\$31.20
436	1/2"x1-1/2"	(*4730-1594)	MATCO ZNB03112 1/2X1-1/2	Each	20	\$0.52	\$10.40
437	1/2"x2"	(*4730-1595)	MATCO ZNB032 1/2X2	Each	30	\$0.52	\$15.60
438	1/2"x2-1/2"	(*4730-1596)	MATCO ZNB03212 1/2X 2-1/2	Each	10	\$0.61	\$6.10
439	1/2"x3"	(*4730-1597)	MATCO ZNB033 1/2X3	Each	15	\$0.61	\$9.15
440	1/2"x3-1/2"	(*4730-1598)	MATCO ZNB03312 1/2X3-1/2	Each	25	\$0.73	\$18.25
441	1/2"x4"	(*4730-1599)	MATCO ZNB034 1/2X4	Each	30	\$0.73	\$21.90
442	1/2"x4-1/2"	(*4730-1600)	MATCO ZNB03412 1/2X4-1/2	Each	10	\$0.86	\$8.60
443	1/2"x5"	(*4730-1601)	MATCO ZNB035 1/2X5	Each	10	\$0.86	\$8.60
444	1/2"x5-1/2"	(*4730-1602)	MATCO ZNB03512 1/2X5-1/2	Each	10	\$0.96	\$9.60
445	1/2"x6"	(*4730-1603)	MATCO ZNB036 1/2X6	Each	40	\$0.96	\$38.40
446	3/4"xClose	(*4730-1604)	MATCO ZNB04CL 3/4XCL	Each	30	\$0.59	\$17.70
447	3/4"x1-1/2"	(*4730-1605)	MATCO ZNB04112 3/4X1-1/2	Each	30	\$0.64	\$19.20
448	3/4"x2"	(*4730-1606)	MATCO ZNB042 3/4X2	Each	25	\$0.64	\$16.00
449	3/4"x2-1/2"	(*4730-1607)	MATCO ZNB04212 3/4X2-1/2	Each	40	\$0.72	\$28.80
450	3/4"x3"	(*4730-1608)	MATCO ZNB043 3/4X3	Each	40	\$0.72	\$28.80
451	3/4"x3-1/2"	(*4730-1609)	MATCO ZNB04312 3/4X3-1/2	Each	25	\$0.89	\$22.25
452	3/4"x4"	(*4730-1610)	MATCO ZNB044 3/4X4	Each	25	\$0.89	\$22.25
453	3/4"x4-1/2"	(*4730-1611)	MATCO ZNB04412 3/4X4-1/2	Each	10	\$1.12	\$11.20
454	3/4"x5"	(*4730-1612)	MATCO ZNB045 3/4X5	Each	20	\$1.12	\$22.40
455	3/4"x5-1/2"	(*4730-1613)	MATCO ZNB04512 3/4X5-1/2	Each	15	\$1.26	\$18.90
456	3/4"x6"	(*4730-1614)	MATCO ZNB046 3/4X6	Each	15	\$1.26	\$18.90
457	1"xClose	(*4730-1615)	MATCO ZNB05CL 1XCL	Each	20	\$0.86	\$17.20
458	1"x2"	(*4730-1616)	MATCO ZNB052 1X2	Each	20	\$0.94	\$18.80
459	1"x2-1/2"	(*4730-1617)	MATCO ZNB05212 1X2-1/2	Each	20	\$0.99	\$19.80
460	1"x3"	(*4730-1618)	MATCO ZNB053 1X3	Each	20	\$0.99	\$19.80
461	1"x3-1/2"	(*4730-1619)	MATCO ZNB05312 1X3-1/2	Each	15	\$1.23	\$18.45
462	1"x4"	(*4730-1620)	MATCO ZNB054 1X4	Each	10	\$1.23	\$12.30
463	1"x4-1/2"	(*4730-1621)	MATCO ZNB05412 1X4-1/2	Each	10	\$1.46	\$14.60

Item No.	Description	Oracle Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
464	1"x5"	(*4730-1622)	MATCO ZNB0505 1X5	Each	10	\$1.46	\$14.60
465	1"x5-1/2"	(*4730-1623)	MATCO ZNB05512 1X5-1/2	Each	10	\$1.72	\$17.20
466	1"x6"	(*4730-1624)	MATCO ZNB0506 1X6	Each	20	\$1.72	\$34.40
467	1-1/4"xClose	(*4730-1625)	MATCO ZNB06CL 1-1/4XCL	Each	15	\$1.09	\$16.35
468	1-1/4"x2"	(*4730-1626)	MATCO ZNB0602 1-1/4X2	Each	10	\$1.23	\$12.30
469	1-1/4"x2-1/2	(*4730-1627)	MATCO ZNB06212 1-1/4X2-1/2	Each	10	\$1.31	\$13.10
470	1-1/4"x3"	(*4730-1628)	MATCO ZNB0603 1-1/4X3	Each	15	\$1.31	\$19.65
471	1-1/4"x3-1/2"	(*4730-1629)	MATCO ZNB06312 1-1/4X3-1/2	Each	20	\$1.55	\$31.00
	Nipples, Black continued						
472	1-1/4"x4"	(*4730-1630)	MATCO ZNB0604 1-1/4X4	Each	10	\$1.55	\$15.50
473	1-1/4"x4-1/2"	(*4730-1631)	MATCO ZNB06412 1-1/4X4-1/2	Each	10	\$1.85	\$18.50
474	1-1/4"x5"	(*4730-1632)	MATCO ZNB0605 1-1/4X5	Each	15	\$1.85	\$27.75
475	1-1/4"x5-1/2"	(*4730-1633)	MATCO ZNB06512 1-1/4X5-1/2	Each	10	\$1.74	\$17.40
476	1-1/4"x6"	(*4730-1634)	MATCO ZNB0606 1-1/4X6	Each	10	\$2.19	\$21.90
477	1-1/2"xClose	(*4730-1635)	MATCO ZNB07CL 1-1/2XCL	Each	15	\$1.35	\$20.25
478	1-1/2"x2"	(*4730-1636)	MATCO ZNB0702 1-1/2X2	Each	10	\$1.46	\$14.60
479	1-1/2"x2-1/2"	(*4730-1637)	MATCO ZNB07212 1-1/2X2-1/2	Each	10	\$1.63	\$16.30
480	1-1/2"x3"	(*4730-1638)	MATCO ZNB0703 1-1/2X3	Each	15	\$1.63	\$24.45
481	1-1/2"x3-1/2"	(*4730-1639)	MATCO ZNB07312 1-1/2X3-1/2	Each	10	\$1.83	\$18.30
482	1-1/2"x4"	(*4730-1640)	MATCO ZNB0704 1-1/2X4	Each	10	\$1.83	\$18.30
483	1-1/2"x4-1/2"	(*4730-1641)	MATCO ZNB07412 1-1/2X4-1/2	Each	15	\$1.76	\$26.40
484	1-1/2"x5"	(*4730-1642)	MATCO ZNB0705 1-1/2X5	Each	10	\$1.76	\$17.60
485	1-1/2"x5-1/2"	(*4730-1643)	MATCO ZNB07515 1-1/2X5-1/2	Each	10	\$2.55	\$25.50
486	1-1/2"x6"	(*4730-1644)	MATCO ZNB0706 1-1/2X6	Each	5	\$2.55	\$12.75
487	2"xClose	(*4730-1645)	MATCO ZNB08CL 2XCL	Each	5	\$1.84	\$9.20
488	2"x2-1/2"	(*4730-1646)	MATCO ZNB08212 2X2-1/2	Each	10	\$2.11	\$21.10
489	2"x3"	(*4730-1647)	MATCO ZNB0803 2X3	Each	10	\$2.11	\$21.10
490	2"x3-1/2"	(*4730-1648)	MATCO ZNB08312 2X3-1/2	Each	15	\$2.55	\$25.50
491	2"x4"	(*4730-1649)	MATCO ZNB0804 2X4	Each	10	\$2.55	\$25.50
492	2"x4"-1/2"	(*4730-1650)	MATCO ZNB08412 2X4-1/2	Each	25	\$2.94	\$73.50
493	2"x5"	(*4730-1651)	MATCO ZNB0805 2X5	Each	10	\$2.94	\$29.40
494	2"x5-1/2"	(*4730-1652)	MATCO ZNB08512 2X5-1/2	Each	10	\$3.44	\$34.40
495	2"x6"	(*4730-1653)	MATCO ZNB0806 2X6	Each	5	\$3.44	\$17.20
	Plugs,Black						
496	1/8"	(*4730-1772)	MATCO ZMBPL00 1/8 PLUG	Each	20	\$0.72	\$14.40
497	1/4"	(*4730-1773)	MATCO ZMBPL01 1/4 PLUG	Each	20	\$0.72	\$14.40
498	3/8"	(*4730-1774)	MATCO ZMBPL02 3/8 PLUG	Each	25	\$0.72	\$18.00
499	1/2"	(*4730-1775)	MATCO ZMBPL03 1/2 PLUG	Each	10	\$0.77	\$7.70
500	3/4"	(*4730-1776)	MATCO ZMBPL04 3/4 PLUG	Each	10	\$0.77	\$7.70
501	1-1/4"	(*4730-1778)	MATCO ZMBPL06 1-1/4 PLUG	Each	15	\$1.22	\$18.30
502	2"	(*4730-1781)	MATCO ZMBPL08 2" PLUG	Each	10	\$2.41	\$24.10

Item No.	Description	Orade Number	Mfg/Brand & Part No. Offered	Unit	Est Usage	Unit Price	Extended Price
	Tee, Black (cast only)						
503	3/4"	(*4730-1846)	MATCO CIT04 3/4" CAST TEE	Each	5	\$2.27	\$11.35
	Tee, Black (cast only) continued						
504	1"	(*4730-1847)	MATCO CIT05 1" CAST TEE	Each	15	\$2.23	\$33.45
505	1-1/4"	(*4730-1848)	MATCO CIT06 1-1/4" CAST TEE	Each	5	\$3.94	\$19.70
506	1-1/2, 2" Black		MATCO CIT07 1-1/2" CAST TEE	Each	10	\$5.50	\$55.00
	Tee, Black, Malleable						
507	1/2"	(*4730-3143)	MATCO ZMBT03 1/2" BLK TEE	Each	30	\$1.10	\$33.00
508	3/4"	(*4730-3144)	MATCO ZMBT04 3/4" BLK TEE	Each	15	\$1.55	\$23.25
509	1"	(*4730-3145)	MATCO ZMBT05 1" BLK TEE	Each	10	\$2.73	\$27.30
	Union, Black						
510	1/2"	(*4730-1876)	MATCO ZMBUN03 1/2" BLK UNION	Each	40	\$3.71	\$148.40
511	3/4"	(*4730-1875)	MATCO ZMBUN04 3/4" BLK UNION	Each	20	\$4.41	\$88.20
512	1"	(*4730-1874)	MATCO ZMBUN05 1" BLK UNION	Each	30	\$5.76	\$172.80
513	1-1/4"	(*4730-1873)	MATCO ZMBUN06 1-1/4" BLK UNION	Each	20	\$7.64	\$152.80
514	1-1/2"	(*4730-1872)	MATCO ZMBUN07 1-1/2" BLK UNION	Each	10	\$9.33	\$93.30
515	2"	(*4730-1871)	MATCO ZMBUN08 2" BLK UNION	Each	20	\$14.09	\$281.80
			Group 10 Total				\$29,940.56
			Grand Total				\$129,261.68
			Percentage off / Cost				
1a	Soil Pipe & Fittings (10ft. Section)		61%				
2a	PVC Pipe Fittings		61%				
	DWV Pipe Fittings (10ft. Section)		61%				
	Schedule 40 Fittings		61%				
	Schedule 80 Fittings		61%				
3a	U.S. Pump Seals		20%				
4a	Black Cast Iron Fittings & Nipples (e.g. J.P. Ward, Brockam, & Flagg)		65%				
5a	Black Malleable Iron Fittings		70%				
6a	Copper Tubing (L&K)		50%				
7a	Wrought Copper Fittings DWV Cast (e.g. Nibco, Elkhart & Mueller)		50%				
8a	Galvanized Pipe Fittings (e.g. J.P. Ward, Stockham)		70%				
Brass Fittings							
	Lee		70%				
	Nibco		70%				
9a.	American Standard		55%				
	Toto		45%				

Item No.	Mfg./Brand	Percentage Off
	Kholer	20%
10a. Water Fountains (coolers):	Halsey Taylor	40%
	Haws	30%
	Elkay	41%
	Oasis Wall Hung	41%
	Oasis Stand Up	41%
	Valves (Watts)	35%
11a. Safety	Kunkle	30%
	Conbraco	40%
	Watts	35%
12a. Misc Plumbing Supplies & Materials	b. American Standard	42%
	c. Bell & Gossett/Armstrong Pumps	30%
	d. Bradley	15%
	f. Central Bass	35%
	g. Chicago	37%
	h. Conbraco	35%
	j. Delaney	37%
	m. Elkay	41%
	n. Halsey Taylor	41%
	o. Hatco	20%
	p. Illinois	30%
	q. Josam	40%
	r. Kohler	20%
	s. Leonard Valves	15%
	t. Rheem	50%
	u. Rockwell (includes Repair Clamps)	10%
	v. Ruud	50%
	w. Sloan	48%
	y. Speakman	34%
	z. Taylor (Thermometers)	15%
	aa. Taco	15%
	bb. T&S	41%
	cc. Weiss	40%
	dd. Weksler	30%
	ee. Woods	10%
	ff. Zurn	30%
Item No.	Description	Cost / Percentage Off
13a. Hot Water Storage Tanks	A.O. Smith Hot Water Storage Tank; Model #TJV-200A	\$3,600.00
	A.O. Smith Heater; Model #HW200M	\$2,700.00
	Miscellaneous parts for A.O. Smith Heaters	30%
	RBI Water Heater; Model SW200	\$2,700.00
	RBI Water Storage Tank; V200J	\$4,300.00
	Miscellaneous parts for RBI Water Heaters	8%