

Specifications

|   |    |                      |            |            |
|---|----|----------------------|------------|------------|
| 7 | ea | WELDER, MULTIPROCESS | \$ _____   | \$ _____   |
|   |    |                      | Unit Price | Total Cost |

MILLERMATIC 215 MULTIMATIC #907693 (or approved equal)

Processes; Flux Cored (FCAW), MIG (GMAW), Stick (SMAW), TIG DC (GTAW-DC)

Welding materials: Steel, Stainless Steel, Aluminum

120/240V - multi-voltage plug (MVP) lets you plug into either 120 or 240 volt power receptacles

1 Phase

Input Hz: 50/60 Hz

Current type: DC

Includes the following:

Multimatic 215 Welder

6.5 ft (2 m) power cord and MVP™ adapter plugs for 120V and 240V

10 ft (3 m) M-100 MIG gun and cable assembly

13 ft (4 m) cable electrode holder and 25 mm Dinse-style connector

10 ft (3 m) work cable with clamp and 25 mm Dinse-style connector

Argon and AR/CO2 mix regulator/flow gauge with hose

Spool of Hobart® .030 in (0.8 mm) solid wire

Two contact tips for .030 in (0.8 mm) wire

Quick Select™ drive roll for .024 in (0.6 mm) or .030/.035 in (0.8/0.9 mm) solid wire, and .030/.035 (0.8/0.9 mm) flux cored wire

Material thickness gauge #229895

Hook-and-loop cord wraps

(174002)

**Specifications**

|   |    |                      |            |            |
|---|----|----------------------|------------|------------|
| 6 | ea | WELDER, MULTIPROCESS | \$ _____   | \$ _____   |
|   |    |                      | Unit Price | Total Cost |

**MILLERMATIC 215 WITH TIG KIT #951674** (or approved equal)

Processes; Flux Cored (FCAW), MIG (GMAW), Stick (SMAW), TIG DC (GTAW-DC)

Welding materials: Steel, Stainless Steel, Aluminum

120/240V - multi-voltage plug (MVP) lets you plug into either 120 or 240 volt power receptacles

1 Phase

Input Hz: 50/60 Hz

Current type: DC

Includes the following:

Multimatic 215 Welder #907693

TIG Kit #301-337 (Weldcraft A-150 TIG Torch w/flow through Dinse-style connector, RFCS-RJ45 foot control, flow gauge regulator w/ 12-foot (3.7 m) gas hose, and AK2C torch accessory kit)

6.5 ft (2 m) power cord and MVP™ adapter plugs for 120V and 240V

10 ft (3 m) M-100 MIG gun and cable assembly

13 ft (4 m) cable electrode holder and 25 mm Dinse-style connector

10 ft (3 m) work cable with clamp and 25 mm Dinse-style connector

Argon and AR/CO2 mix regulator/flow gauge with hose

Spool of Hobart® .030 in (0.8 mm) solid wire

Two contact tips for .030 in (0.8 mm) wire

Quick Select™ drive roll for .024 in (0.6 mm) or .030/.035 in (0.8/0.9 mm) solid wire, and .030/.035 (0.8/0.9 mm) flux cored wire

Material thickness gauge #229895

Hook-and-loop cord wraps

(173915)

Specifications

|   |    |                      |            |            |
|---|----|----------------------|------------|------------|
| 1 | ea | WELDER, MULTIPROCESS | \$ _____   | \$ _____   |
|   |    |                      | Unit Price | Total Cost |

**MILLERMATIC 200 WITH TIG CONTRACTOR KIT #951649** (or approved equal)

Processes; Flux Cored (FCAW), MIG (GMAW), DC Stick (SMAW), DC TIG (GTAW)

Welding materials: Steel, Aluminum

120/230V - multi-voltage plug (MVP) lets you plug into either 120 or 240 volt power receptacles

1 Phase

Input Hz: 50/60 Hz

Current type: DC

Includes the following:

Multimatic 200 Welder #907518

TIG Contractor Kit #301-287 (Weldcraft A-150 TIG Torch with Dinse-style connector, RFCS-6M foot pedal, flow gauge regulator w/ 12-foot (3.7 m) gas hose, and AK2C torch accessory kit)

Power cord and MVP™ plugs 5-15P (115V, 15A) and 6-50P (230V, 50A)

10 ft (3 m) Bernard Q-150 MIG gun

13 ft (4 m) cable with electrode holder and 25 mm Dinse-style connector

10 ft (3 m) work cable with clamp and 25 mm Dinse-style connector

Flow gauge regulator and gas hose for argon and AR/CO2 mix

Two contact tips for .030 in (0.8 mm) wire, and two contact tips for .035 in. (0.9 mm) wire

Quick Select™ drive roll for .024 in (0.6 mm) or .030/.035 in (0.8/0.9 mm) solid wire, and .030/.035 (0.8/0.9 mm) flux cored wire

Material thickness gauge #229895

Information/settings chart and quick setup guide

(173915)

**Specifications**

|   |    |        |            |            |
|---|----|--------|------------|------------|
| 2 | ea | WELDER | \$ _____   | \$ _____   |
|   |    |        | Unit Price | Total Cost |

**MILLER SPECTRUM 625 X-TREME #907579** (or approved equal)

Processes: Plasma (PAC)

CNC/Automation Cutting Capable

Welding materials: Steel, Stainless Steel, Aluminum

120/240V - multi-voltage plug (MVP) lets you plug into either 120 or 240 volt power receptacles

1 Phase

Input Hz: 50/60 Hz

Includes the following:

- Spectrum 625 X-TREME
- XT40 hand-held torch with 12-ft. (3.7 m) cable. Torches include a complete set of 40 A consumables
- Heavy-duty work clamp and flexible cable with quick connect
- 12-ft. (3.7 m) power cord with 240 V L6-30P twist lock plug for MVP™ adapters
- MVP™ adapters with 240 V, 50A (6-50P) plug and 120 V, 15 A (5-15P) plug
- X-CASE™ provides protection during transport and storage
- Shoulder Strap
- Consumables box with 2 electrodes, 2 tips (40 A), 1 tip (30 A), drag shield (30 A), deflector, and air fitting

(174002)

|   |    |                      |            |            |
|---|----|----------------------|------------|------------|
| 1 | ea | WELDER, MULTIPROCESS | \$ _____   | \$ _____   |
|   |    |                      | Unit Price | Total Cost |

**MILLERMATIC TIG CONTRACTOR KIT #301-287** (or approved equal)

Includes: Weldcraft A-150 TIG Torch with Dinse-style connector, RFCS-6M foot pedal, flow gauge regulator w/ 12-foot (3.7 m) gas hose, and AK2C torch accessory kit)

(173915)

Specifications

|   |    |                          |            |            |
|---|----|--------------------------|------------|------------|
| 1 | ea | WELDING & CUTTING OUTFIT | \$ _____   | \$ _____   |
|   |    |                          | Unit Price | Total Cost |

VICTOR CONTENDER #084-2051 (or approved equal)

Medium/heavy duty welding & cutting outfit with Victor's new Edge Series ESS3 gas regulators.

Welds up to 1 1/4" with optional welding nozzles.

Cuts up to 3/4" with included tip (or up to 5" with optional tips).

**Kit Includes:**

ESS3 Edge Series Regulators – CGA 510 (male) regulator

H315FC Torch Handle

CA 2460 Cutting Attachment

6-MFA Heating Nozzle

1-1-101 Cutting Tip

20' Grade "T" twin hose & spark lighter

Built-in flashback arrestors and reverse flow check valves

(174003)

|   |    |             |            |            |
|---|----|-------------|------------|------------|
| 6 | ea | WELDING GUN | \$ _____   | \$ _____   |
|   |    |             | Unit Price | Total Cost |

MILLERMATIC SPOOLMATE 150 Spool Gun #301-272 (or approved equal)

20 ft. (6.1 m)

(173915)

|   |    |                   |            |            |
|---|----|-------------------|------------|------------|
| 3 | pk | GUN NOZZLE, FLUSH | \$ _____   | \$ _____   |
|   |    |                   | Unit Price | Total Cost |

MILLER Gun Nozzle #169715 (or approved equal)

1/2 inch

2 per pack

(174002)

Kenai Peninsula Borough School District  
139 East Park  
Soldotna, Alaska 99669

Bid #114-17

Vendor Name: \_\_\_\_\_

Specifications

10 pkg CONTACT TIP, .035

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

MILLER #000068 (or approved equal)

.0310 per package

(174002)

10 ea BRAZING NOZZLE TIP 00-W

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

WELDINGCITY #00-W with MIXER (or approved equal)

- Fit Victor 300 series handles such as 315C/310FC/310C/350/310R and other aftermarkets versions
- Spiral mixer blends oxygen and fuel. Double O-ring sealed

(173661)

12 ea ELECTRODE HOLDER

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

HOT MAX #22022 (or approved equal)

Rated at 200 Amp

Arc-welding installation method

(173661)

10 ea WELDING PLIERS, MIG MULTI-FUNCTION

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

HOBART #770150 (or approved equal)

Rated at 200 Amp

Arc-welding installation method

(173661)

Specifications

**20      ea      STRINGER BEAD TWIST KNOT WIRE WHEEL BRUSH**

\$ \_\_\_\_\_ \$ \_\_\_\_\_

Unit Price

Total Cost

**RADNOR #97707** (or approved equal)

Carbon steel

4" x 5/8"

- For use with carbon steel small angle grinders.
- Great for fillet weld cleaning and cleaning stringer bead welds.
- Tightly twisted wire provides a very aggressive narrow face and is primarily used for weld cleaning.

- High tensile steel wire

(174237)

**5      ea      TONG ELECTRODE HOLDERS**

\$ \_\_\_\_\_ \$ \_\_\_\_\_

Unit Price

Total Cost

**TWECO #358-9110-1101** (or approved equal)

200 Amp

Copper Alloy

5/32" Capacity

Reversible top and bottom Insulators

Efficient six-position jaw patterns and fully insulated, protected springs

Ball-point-2.0 cable connection

(174237)

Kenai Peninsula Borough School District  
139 East Park  
Soldotna, Alaska 99669

Bid #114-17

Vendor Name: \_\_\_\_\_

Specifications

8 ea ELECTRODE HOLDERS

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

TWECO A316 (or approved equal)

250 Amp

Copper Alloy

With Ball-Point Cable Connection for Welding Electrode Sizes up to 3/16" diameter

Suitable for weld cable sizes up to 2/0

(174003)

3 can WELDING ROD

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

LINCOLN ELECTRIC CO EXCALIBUR 7018 MR, AWSE7018-H4R #ED028281 (or approved equal)

Carbon steel Electrode

1/8" x 14"

50 lb Hermetically sealed can (easy to open)

(174237)

3 can WELDING ROD

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

LINCOLN ELECTRIC CO EXCALIBUR 7018-1 MR, E7018-1 H4R #ED028702 (or approved equal)

Carbon steel Electrode

1/8" x 14"

50 lb Hermetically sealed can (easy to open)

(174038)

Specifications

|   |      |                         |            |            |
|---|------|-------------------------|------------|------------|
| 5 | each | CUTTING TIP, HEAVY DUTY | \$ _____   | \$ _____   |
|   |      |                         | Unit Price | Total Cost |

**VICTOR 1-101-1 #670G2411** (or approved equal)

General-purpose hand and machine torch cutting tips are designed for use with acetylene or natural gas and propane.

(174003)

|    |      |            |            |            |
|----|------|------------|------------|------------|
| 10 | each | PLASMA TIP | \$ _____   | \$ _____   |
|    |      |            | Unit Price | Total Cost |

**MILLER #249928** (or approved equal)

40 Amp

3 per package

Genuine Miller replacement 40 Amp plasma tip for Miller XT40 plasma torch.

(174003)

|    |      |                  |            |            |
|----|------|------------------|------------|------------|
| 10 | each | PLASMA ELECTRODE | \$ _____   | \$ _____   |
|    |      |                  | Unit Price | Total Cost |

**MILLER #249926** (or approved equal)

20-40 Amp

3 per package

Genuine Miller replacement 20-40 Amp plasma electrode for Miller XT30, XT30C and XT40 plasma torches.

(174003)

|    |      |                    |            |            |
|----|------|--------------------|------------|------------|
| 10 | each | PLASMA DRAG SHIELD | \$ _____   | \$ _____   |
|    |      |                    | Unit Price | Total Cost |

**MILLER #251960** (or approved equal)

40 Amp

1 per package

Genuine Miller replacement 40 Amp drag shield for Miller XT40 plasma torch.

(174003)

Specifications

|   |      |                   |            |            |
|---|------|-------------------|------------|------------|
| 5 | each | PLASMA SWIRL RING | \$ _____   | \$ _____   |
|   |      |                   | Unit Price | Total Cost |

MILLER #249931 (or approved equal)

1 per package  
Genuine Miller plasma swirl ring for Miller XT30, XT30C and XT40 plasma torches  
(174003)

|    |      |                         |            |            |
|----|------|-------------------------|------------|------------|
| 16 | each | C-CLAMP PLIERS, LOCKING | \$ _____   | \$ _____   |
|    |      |                         | Unit Price | Total Cost |

STRONG HAND TOOLS PR6 (or approved equal)

Forged, rugged round tip pliers  
Deeper than normal throat for versatility; Jaw capacity: 2.2"  
Made of high strength treated steel; Nickel/chrome plated body  
Size: 6.5"  
(174003)

|    |      |                    |            |            |
|----|------|--------------------|------------|------------|
| 20 | each | MIG WELDING PLIERS | \$ _____   | \$ _____   |
|    |      |                    | Unit Price | Total Cost |

IRWIN VISE-GRIP #1873303 (or approved equal)

Specially designed nose for efficient removal of welding spatter  
Induction hardened cutting edge stays sharper longer  
Multiple jaws for drawing out wire and removing or installing MIG contact tips and nozzles  
Spring loaded for ease of use  
Dipped grips for superior comfort  
(174003)

|    |      |                          |            |            |
|----|------|--------------------------|------------|------------|
| 20 | each | WELDING MAGNET, STANDARD | \$ _____   | \$ _____   |
|    |      |                          | Unit Price | Total Cost |

STRONG HAND TOOLS MS45 (or approved equal)

Standard 45° and right angles (90°)  
Large center hole for easier handling  
Two riveted holes for linking magnets together  
Dimensions: 4-3/8 x 3-3/4 x 3/4" (140 x 110 x 19 mm)  
Pull: 45 lbs (36 Kg)  
Weight: 1.0 lbs ea. (0.5 Kg)  
(174003)

Specifications

|   |     |        |            |            |
|---|-----|--------|------------|------------|
| 4 | pkg | O-RING | \$ _____   | \$ _____   |
|   |     |        | Unit Price | Total Cost |

MILLER PLASMA MAIN BODY #249969 (or approved equal)

3 per package  
Genuine Miller replacement main body O-Ring for Miller XT30, XT30C and XT40 plasma torches  
(174003)

|    |    |                     |            |            |
|----|----|---------------------|------------|------------|
| 10 | pk | RESPIRATOR, WELDING | \$ _____   | \$ _____   |
|    |    |                     | Unit Price | Total Cost |

MILLER N95 #267334 (or approved equal)

10 per package  
OSHA Classification: tight fitting respirator  
NOISH 42 CFR 84 Certified  
Assigned Protection Factor (APF) = 10  
Weight: 1.1 oz. (32 g)  
N95 Filter Media provides 95% filtration of airborne particles including: Hexavalent Chromium Metal, Stainless Steel, Galvanized Steel, Steel/Manganese Alloys, Aluminum, Cadmium and Lead Fumes  
Cleaning & Maintenance: Do not use the same respirator for more than 8 hours, continuous or intermittent, in dirty workplaces that could result in high filter loading. The maximum service time of this respirator is five (5) consecutive calendar days (including days of non-use), beginning from the first day of use.  
(174003)

|   |      |                                |            |            |
|---|------|--------------------------------|------------|------------|
| 2 | each | WELDING HELMET, AUTO DARKENING | \$ _____   | \$ _____   |
|   |      |                                | Unit Price | Total Cost |

MILLER ELECTRIC #251292 (or approved equal)

Auto Darkening Welding Helmet, Lens Shade 3, 8-12, Graphics None, Color Black, Plate Height 1-2/5 In., Plate Width 3-3/4 In., Viewing Area 5-1/5 sq. in., Headgear Ratchet, Classic Series, Material Nylon, Grind Mode No, Number of Arc Sensors 2, ADF Controls Analog, Power Source Battery and Solar, Battery Type AAA, Battery Life 2000 hr., Electromagnetic Sensor No, TIG AMP Rating 20A, Switching Speed 1/10, 000 sec.  
Black  
(174037)

Specifications

|   |      |                                |            |            |
|---|------|--------------------------------|------------|------------|
| 8 | each | WELDING HELMET, AUTO-DARKENING | \$ _____   | \$ _____   |
|   |      |                                | Unit Price | Total Cost |

JACKSON with BLACK HALO-X INSIGHT LENS #46131 (or approved equal)

**HALO X Helmet Features**

Extreme lightweight shell design weighs only 6 oz!  
Hydraflex shell for the ultimate in flexibility and durability  
Duralogic high index metallic paint  
Ergonomic, lightweight design reduces neck tension and fatigue  
Easily attaches to safety caps for added head protection  
High impact, seamless graphic designs Sleek, balanced design and weight reduces "top-heavy" effect

**Insight® Auto-Darkening Lens Features**

Large 3.93" X 2.36" viewing area  
Intuitive, digital control panel  
Features variable welding shade 9-13, sensitivity and delay adjustments  
Shade 4 grind mode  
1/10,000 second switching speed  
DC TIG rated down to 5 amps  
Separate buttons with LED indicator for Weld and Grind modes  
Four independent sensors positioned to reduce possibility of blockage during weld  
Two, easy-to-replace lithium batteries with low indicator light  
Built-in magnification lens holder  
Meets ANSI Z87.1-2010 and CSA Z94.3 compliant

Black

(174003)

|    |      |                               |            |            |
|----|------|-------------------------------|------------|------------|
| 10 | each | FACESHIELD HEADGEAR w/RATCHET | \$ _____   | \$ _____   |
|    |      |                               | Unit Price | Total Cost |

FIBRE-METAL ROUGHNECK F400 (or approved equal)

Faceshield Headgear with ratchet adjustment has deeper 4" crown protector that extends protection without increasing weight. Incorporates wide-vision (8" x 17") wraparound windows and screens which provide 40% more protective area than standard size faceshields. Fits easily over required spectacles or respirators.

Made from Noryl®, the same material used in Fibre-Metal® welding helmets, High Performance faceshields are stronger, more durable and more heat resistant than ordinary faceshields. They contain Fibre-Metal's® exclusive Channel Grip System, which mounts windows and locks them in place in a deep recessed channel to form a perfect seal from dust, dirt and debris.

Fits Fibre-Metal® 4178 standard and 4199 extended series faceshield windows.

(174003)

Specifications

25 each FACESHIELD WINDOW

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

FIBRE-METAL #4178CL (or approved equal)

Clear

Faceshield windows are injection molded from propionate, which is superior to other window materials in every significant performance characteristic. They are pre-formed at the factory to the exact curve of our crown protectors for easy installation, an exact fit and a perfect seal against dust, dirt and debris. All High Performance windows are .060" thick for an extra margin of protection, yet they cost no more than ordinary .040" thick windows.

High performance faceshields, as designated, are SEI certified to comply with current ANSI standards. SEI certification is your assurance of consistent quality and performance.

Fits Fibre-Metal® F400 & F500 faceshield headgear

(174003)

48 each SAFETY GLASSES

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

MILLER CLASSIC #272187 (or approved equal)

Clear

Anti-Fog

Form-fitting orbital eye coverage enhances protection

Shatterproof polycarbonate lens

Wrap around designs meet ANSI side shield requirements

Angle adjustable temples for personalized fit

Lightweight for all-day comfort

Frameless design provides unobstructed view

- Meets ANSI Z87.1+ Standards Number of Arc Sensors 2, ADF Controls Analog, Power Source Battery and Solar, Battery Type AAA, Battery Life 2000 hr., Electromagnetic Sensor No, TIG AMP Rating 20A, Switching Speed 1/10, 000 sec.

(174003)

Specifications

10 each GOGGLES, FLIP FRONT

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

JACKSON WS85 #15992 (or approved equal)

Ideal for oxy/fuel welding and cutting and plasma cutting below 40 amps.

Flexible frame goggles  
2" 4 1/4" viewing area

Welding lens flips up for easy viewing between welds or cuts.

Comes complete with shade 5 lens and safety plate

(174003)

10 each EAR MUFF

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

JACKSON VIBE 26 #20774 (or approved equal)

Adjustable, soft padded headband that adjusts to fit all head shapes and sizes

Durable thermoplastic material retains its shape and pressure for consistent noise reduction

Provides uniform headband pressure for a comfortable & secure fit

Well sized inner-hole that provides plenty of room & comfort for the ear

Design that's flexible and durable

Dielectric product

26 NRR

For medium noise environments - Ideal for use with Rock Concert, Circular Saw, and Electric Grinder

(174003)

Specifications

100 pair EAR PLUG, UNCORDED

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost 3M

PISTONZ #P1400 (or approved equal)

Just grip the stem and insert tip into the ear canal right out of the package.

Stem is stiff enough to insert yet is designed to flex sideways if impacted during wear.

They are made of specially formulated foam, so soft and comfortable that plugs can be worn all day long.

The cylindrical shape is designed to fit and seal most size ear canals.

NPR 29

(174003)

12 each WELDING JACKET, LEATHER

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

TILLMAN #3280 (or approved equal)

4 Medium; 5 Large; 3 X-Large

Bourbon brown premium side split cowhide leather.  
30 inch length.

One soapstone pocket on each sleeve.

Outside pocket for small item storage.

Underarm gusset for easier movement.

Sewn with Kevlar® thread throughout.

(174003; 174237)

6 each WELDING SPATS w/ OAK TAN FLARE

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

TILLMAN #527 (or approved equal)

7" high, made from tough side split cowhide.

Heavy duty leather oak tan flare over top of shoe.

Rivet reinforced stress points.

Adjustable straps to secure protector on shoe.

Kevlar® sewn

(174003)

Specifications

16 pair **WELDING GLOVES**

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

TILLMAN #1080 (or approved equal)

Large

Blue Cowhide

Durable, 14", side split cowhide.

Insulated with cotton/foam lining. Reinforced thumb. Weltd fingers protect stitching.

Locked stitched with Kevlar® thread for added strength

(174003)

12 pair **WELDING GLOVES, MIG**

\$ \_\_\_\_\_  
Unit Price

\$ \_\_\_\_\_  
Total Cost

TILLMAN #1250 (or approved equal)

Large

Blue

Durable, premium side split Cowhide.

14" length.

Cotton/foam lined for additional heat protection and moisture absorption.

Double reinforced thumb.

Durable Weltd fingers protect stitching.

Includes Lock stitching with Kevlar® thread for added strength.

(174237)