

City of Ellsworth Request for Bids – Butt Fusion Machine

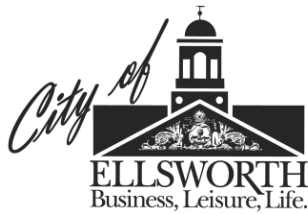
Introduction

The City of Ellsworth is soliciting sealed bids for the purchase of one (1) new **butt fusion machine** for the Water Department. This machine will be used for the butt fusion welding of HDPE pipe and fittings in the installation and maintenance of municipal water infrastructure.

Specifications

The butt fusion machine shall meet or exceed the following minimum specifications:

- **Pipe Size Compatibility:** Capable of fusing HDPE pipe and fittings ranging from **2" through 6" diameter**
- **Fusion Method:** Hydraulic butt fusion process
- **Power Supply:** Standard 110V operation; must include all necessary power adapters or converters
- **Heating Plate:**
 - Thermostatically controlled
 - Digital temperature display
 - Non-stick coated
- **Facing Tool:** Electric or manual facing tool with safety guard and secure mounting
- **Clamps/Frame:**
 - Four-jaw or equivalent clamping system
 - Removable jaws to accommodate tees and elbows
 - Durable, field-ready frame
- **Data Logging (Optional):** Preferable if equipped with internal memory to record fusion cycles with USB export
- **Weight & Portability:**
 - Machine and all accessories must be portable and suitable for two-person transport
 - Individual components not to exceed 90 lbs
- **Accessories:**
 - Heating plate stand
 - Pipe alignment tools
 - Carrying case or protective transport box
 - All necessary cables, plugs, and connectors
 - Operating and service manuals
- **Warranty:**
 - Minimum **3-year manufacturer's warranty** on parts and labor
- **Training:**



City of Ellsworth
1 City Hall Plaza ▪ Ellsworth, ME 04605-1942
Phone (207) 667-2563
ellsworthmaine.gov

- **Vendor must provide on-site training** for City Water Department personnel upon delivery

Alternative specifications may be considered if clearly noted and demonstrated to be equal or superior to the above.

Delivery

- Delivery shall be made to:
City of Ellsworth Water Department
225 High Street, Suite 11
Ellsworth, Maine 04605

Bid Submission

- Bids must be submitted in a **sealed envelope** clearly marked: **“Bid – Butt Fusion Machine”**

Delivered to:

City of Ellsworth
ATTN: City Clerk
1 City Hall Plaza
Ellsworth, ME 04605

- **Bids are due no later than 11:00 AM on October 6, 2025**
- **Late bids will not be accepted**
- **Electronic or faxed bids will not be accepted**

Evaluation Criteria

Bids will be evaluated based on the following factors:

- **Compliance with listed specifications**
- **Total cost**
- **Warranty and service support**
- **Vendor reputation and experience**

Reservation of Rights

The City of Ellsworth reserves the right to accept or reject any and all bids, to waive any informalities, and to select the bid deemed in the best interest of the City.