

SINGLE SOURCE SUPPLIER JUSTIFICATION SHEET

DATE: 07/13/2026

PURCHASE ORDER NUMBER: TBD

SUPPLIER NAME: Arnold Machinery Authorized Volvo Equipment Dealer

DESCRIPTION OF MATERIAL AND/OR SERVICES: 132" Wide Refuse Tamping Bucket with Clamp Arms, engineered for a Volvo L180H Wheel Loader, featuring direct compatibility with the factory-installed Volvo Quick Coupler interface.

Justification for Sole Source

The acquisition of this specific material handling attachment qualifies as a sole source procurement due to critical technical constraints regarding equipment compatibility, structural safety, and operational efficiency.

The attachment must seamlessly interface with the Volvo Quick Coupler system on our existing L180H wheel loader. Volvo OEM attachments are engineered precisely to match the machine's specific Torque Parallel (TP) linkage geometry. Third-party buckets introduce variance in pin layout and hydraulic couplings, which accelerate wear, reduces breakout force, and creates safety risks during quick-coupling maneuvers.

The third hydraulic function required to safely actuate the tamping clamp arms relies on direct synchronization with the L180H's on-board hydraulic pressures and control software. Using non-OEM components risks hydraulic system mismatch, pressure drops, or failure under heavy waste processing cycles.

Arnold Machinery is the exclusive authorized Volvo Construction Equipment dealer for this region, making them the sole source capable of supplying certified OEM attachments that preserve the existing machine's factory warranty and performance standards.

Conclusion

Maintaining the operational efficiency, structural safety, and hydraulic integrity of the L180H wheel loader requires an original Volvo OEM attachment. Because alternative attachments introduce severe technical incompatibilities with the TP linkage and on-board hydraulic control software, Arnold Machinery is the only vendor capable of fulfilling these strict technical requirements. Therefore, it is in the best interest of the district to approve this sole-source procurement.