***GENERAL BID REQUIREMENTS***

**NOTE: THE FOLLOWING REQUIREMENTS PERTAIN TO ALL ITEMS LISTED WITHIN THIS BID SPECIFICATION.**

**DELIVERY/PAYMENT:** Delivery shall be considered complete and ready for payment process once all ancillary, allied, optional equipment, and manuals have been received, all systems checked against the specifications and the complete unit is deemed operational.

**LINE SHEET**:  Two (2) Line set tickets shall be furnished with each vehicle.

**MANUALS:** For each vehicle being built, including cab and chassis, ancillary, allied or optional equipment purchased as built, the following manuals shall be available in hard copy, online or Flash Drive format.

* Two (2) Parts Catalogs
* Two (2) Shop Manuals
* Two (2) Operator's Manuals
* Two (2) Training DVD’s
* Two (2) Electrical System Schematics/Drawings
* **Note:** Vendor to provide all information and / or hyper-links for access to manufacturers online manuals and training.

**PRE-BUILD MEETING:** Awarded vendor shall schedule a Pre-Build meeting within two weeks of bid award, prior to manufacturing/fabrication, to confirm all build specifications and dimensions.

**PRE-DELIVERY SERVICE:** Awarded vendor shall perform a complete pre-delivery service prior to delivering the unit to NDOT.

* All Fluids filled to proper levels.
* Cooling system shall be checked and filled to proper level and shall contain extended life antifreeze to -34° Fahrenheit.
* All lights shall be checked to confirm they are in working order.
* All functions of this unit, including all ancillary, allied and optional equipment shall be checked and in working order prior to delivery to NDOT.

**SPECIFICATION CONFIRMATION:** Factory confirmation of specifications ordered required

ASAP after order is placed.

**TRAINING:** The successful bidder shall be requested to provide a qualified factory authorized service representative to provide four (4) hours mechanical and four (4) hours operator training at the following end users location(s) in Reno, Carson, Winnemucca, Elko, Ely, Tonopah and Las Vegas for an estimated 5 to 50 employees.

**WARRANTY, MAINTENANCE AND RECALL REQUIREMENTS:** See additional requirements.

**WELDING REQUIREMENTS**

**STAINLESS STEEL**

* All material installed shall be new.
* All welds shall be continuous on all seams. Skip welds shall not be acceptable. If required to prevent heat distortion, alternate skip welding is permitted outside of the hopper, but the total weld length shall exceed the seam length. Skip welds must have the Equipment Division’s prior written approval before bid award.
* All non-stainless steel shall be thoroughly cleaned, primed, and painted or powder coated.
* All sharp corners that could cause injury shall be rounded and ground smooth.
* All welds shall be free of slag inclusions and under cut.  Fillet weld sizes shall be equivalent to the thickness of the least of the jointed plates.
* All metal shall be free of all cracks, dents and defects due to metal fatigue or physical damage.
* All welding shall be done by human and or machine and shall meet or exceed the American Welding Society Standards. (Certificates available upon request).
* All welds shall be done using the same welding consumables as the material being welded (no mild steel on stainless steel).

**MILD STEEL**

* All material installed shall be new and free of rust.
* All welds shall be continuous on all seams. Skip welds shall not be acceptable.
* All welds shall be free of slag inclusions and under cut. Fillet weld sizes shall be equivalent to the thickness of the least of the jointed plates.
* All sharp corners that could cause injury shall be rounded and ground smooth.
* All metal shall be free of all cracks, dents and defects due to metal fatigue or physical damage.
* All metal shall be thoroughly cleaned, primed, and painted or powder coated.
* All welding shall be done by human and or machine and shall meet or exceed the American Welding Society Standards. (Certificates available upon request).
* All welds shall be done using the same welding consumables as the material being welded (no mild steel on stainless steel).

***NOTE: Any exceptions to specifications must be noted on a separate document and uploaded into NevadaEPro with your proposal.***

**OPTIONS:**