

UNSPSC: 25101917	GROUP 4: FLAT BED TRUCK STAKE BODY SPECIFICATIONS
	(STAKE-18) EIGHTEEN (18) FOOT EXTRA HEAVY-DUTY STAKE BODY
STATE OF FLORIDA BASE VEHICLE SPECIFICATION	
REPRESENTATIVE MODEL(S):	GAR-P 18 STAKE, GODWIN PLATFORM-18, JHE 18F4C-ST, KNAPHEIDE PCHT-183A, OX BODIES 18FT STEEL FLAT, READING EH/OEH18D, RIVERS EXTRA HD 18, TRANSTAT 18, T&T FS 18, TRUCK EQUIP SERIES 1500-S, WARREN PC450-18 OR APPROVED EQUIVALENT
SCOPE:	The requirements specified herein apply to all bodies supplied with trucks purchased under the terms and conditions of this contract. The intent of this specification is to provide minimum requirements for a stake body to be used by the State and various political subdivisions. Vendor will be held responsible for supplying equipment that will withstand this intended use for the life of the chassis (approximately ten (10) years). Parts and service must be readily available throughout the Purchasing District(s) bid.
SAFETY:	Flat Bed extra heavy-duty stake bodies shall conform to all applicable Federal Motor Vehicle Safety Standards ("FMVSS") and State of Florida vehicle safety laws, regulations, specifications, standards, and requirements in effect as of the date of manufacture.
REQUIREMENTS:	In the priority listed herein, each State of Florida Base Vehicle Flat Bed Extra Heavy-Duty Stake Body shall comply with the following: • Section 3, Description of Scope; • the individual Base Vehicle Specification contained in the applicable Base Vehicle Tab in the Price Sheet Workbooks; and • the following Requirements:
BODY REQUIREMENTS	
A. Dimensions	
1.	Length: eighteen (18) feet, zero (0) inches (minimum)
2.	Width: eight (8) feet, zero (0) inches (maximum)
B. Under structure Construction:	
1.	Under structure to consist of two (2), seven (7) inch C-channel structural steel longitudinal beams and four (4) inch C-channel structural steel transverse members.
2.	Transverse members are to be evenly spaced along the longitudinal beams; however, in no case shall there be spacing greater than twelve (12) inches off-center between transverse members.
3.	Transverse member fabrication and installation must meet the following requirements: extend the entire width of the body, welded on the web side to the longitudinal beams, gusseted to each longitudinal with 3/16 inch steel plate, and welded to the side rail on each end.
C. Body Construction:	
1.	Floor is to be constructed with minimum 3/16 inch hi-tensile (minimum 45,000 PSI yield strength) steel deck plate.
2.	Minimum forty (40) inch high racks must be installed on both sides and rear. Racks must have four (4) horizontal slats and must be spaced twenty-four (24) inches off-center. All racks must lock into pockets and lift out individually. Each rack section must connect to the adjoining section with a quick-release gate latch.
3.	Permanently installed front bulkhead to be forty (40) inches high, minimum, with a 12 inch Height x 24 inch Width window, covered with seven (7) gauge expanded metal, or Approved Equivalent. Bulkhead to have four (4), three (3) inch C-channel vertical braces, two (2) of which must be welded to each longitudinal, and two (2) welded to the end of side rails, or Approved Equivalent.
4.	One (1), fourteen (14) gauge steel under box is to be installed on the curbside of the body. Box is to be eighteen (18) inch H x eighteen (18) inch D x thirty (30) inch L,

	minimum dimensions. Knapheide TB30A, Omaha Standard U30-B, Reading U-30 or Approved Equivalent.
5.	Continuous weld construction is required throughout.
6.	This body shall be structurally sound at a loading of 15,000 lbs. payload.
OTHER REQUIREMENTS:	
A.	All lights and reflectors shall be installed in shock-mounted recessed fixtures, in accordance with SAE/ICC Regulations.
B.	Body is to be painted with two (2) coats of rust-inhibiting primer and one (1) coat of finish paint. Finish paint is to be DuPont Centari or Approved Equivalent only. Body color is to match the lower portion of the truck cab. Vendor must consider optional paint schemes in the detailed truck specifications.
C.	An ICC type rear bumper must be installed on all trucks with this type body.
NOTES:	
A.	The body specified herein is not intended to be a standard production body, however if the materials or workmanship used in a standard production body exceed these specifications in any way, and then said features of the standard production body shall apply.
B.	An electric backup alarm and mud flaps are included with all "base" units. Do not include price for backup alarm or mud flaps in body price.
C.	In order for a body to receive an Approved Equivalent rating, the manufacturer must have constructed a minimum of 200 units of the same size and type, as well as meeting all requirements of the detailed specifications.
D.	THE STATE OF FLORIDA BASE VEHICLE SPECIFICATION IS NOT COMPLETE UNLESS IT IS USED IN CONJUNCTION WITH THE COMPLETE REQUIREMENTS, SPECIFICATIONS, TERMS, AND CONDITIONS.

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