

Item #	Specification Requirements	Check if meets or Exceeds	Describe Offered Alternatives
General			
1	This specification intends to describe the requirements for a new Ford F350 XL Extended Cab 4x2 Diesel Hi-Rail Track Maintenance Truck.		
2	Shall have relocation / modification of exhaust system if necessary.		
3	Shall have Harsco or equivalent insulated medium duty hydraulic rail gear with steel tread guide wheels, steering lock, 12V hydraulic pump pack & front and rear rail sweeps.		
4	Shall have dual-rear wheels		
5	Shall be aligned and track tested.		
6	Shall have a 1600 lb capacity Tommylift lift gate. 35" steel platform w/ taper		
7	Shall have retractable running boards.		
8	Shall have a 2"x2" Class IV receiver hitch with a 7-way RV style trailer socket mounted next to it.		
9	Shall meet all WISHA & OSHA Safety Code requirements.		
10	State the warranty periods for the below listed items:		
	Overall:		
	Engine:		
	Transmission:		
	Differentials:		
11	The successful bidder will deliver the completed unit to: 802 Port Center Road, Tacoma WA 98421		
Body			
12	Shall have a full size hydraulic dump landscape body. Duramag Flex Rack or equivalent is required.		
13	Shall have (6) floor recessed tie down rings, (3) each side.		
14	Shall have (1) 30" x 18" x 18" underbody toolbox mounted curbside.		
15	Shall have (2) cab controlled round 8 LED work lights with 750 lumens mounted top side headache rack facing rear.		
16	Shall meet OSHA and ANSI requirements & safety standards.		
17	Shall have protective wrap or covers on all hydraulic hoses to protect from sharp edges and abrasion..		

18	Shall have a hot shift PTO with single section hydraulic pump.		
19	Shall have a 15 gal hydraulic reservoir with return line filtration mounted street side under bed.		
20	Shall have easy access to all filters and check points.		
Engine / Transmission			
21	Engine shall be tier 4 final Turbo diesel powered.		
22	Shall have an automatic transmission.		
23	Shall have easy access to all daily check points, filters, fill points, and belt drives.		
24	Shall have tires that are readily available in the US market and are suitably sized and rated for the stated load of the unit.		
Exterior finish			
25	The Port expects professional workmanship on all products purchased. With this in mind, these finishing requirements will be closely scrutinized during the specification compliance inspection.		
26	There shall be no welding scale, roughness, sharp corners; or rust stains on the unit.		
27	The unit shall be fully coated with quality primers, and paint in manufacturer's standard color.		
Electrical System			
28	12/24 volt electrical system with easily accessible fuses and relays inside the cab.		
29	Batteries shall be easily accessible or jumpstart terminals shall be provided.		
30	LED lighting at cab and chassis for night use.		
31	Shall have installed electrical components to be wired through a separate fuse panel with identification for each circuit. All wiring to be labeled and/or color coded and run in protective loom. Grommets to be utilized whenever wiring passes through metal.		
32	Shall have a back-up alarm and strobe lights.		
Publications / Manuals			
33	Unit to be delivered with 2 sets of service, parts and operators manuals. Digital forms are acceptable.		
34	Software, hardware and cabling or access to online diagnostic service needed to maintain all systems on the unit.		

35	To reduce potential down-time, the Port of Tacoma requires the unit to have a Dealership with warranty service support and stock of common wear items within 50 miles of the Port of Tacoma.		