



Alaska Railroad Corporation
327 W. Ship Creek Ave.
Anchorage, AK 99501

February 14, 2025

Addendum 3
ITB #25-09-212888
2025 MOW Leased Track Equipment

Addendum number 3 has been issued to amend Appendix C- adding CT08 Tie Crane Specifications, answer bidder questions and extend the bid closing date.

The Closing Date for this ITB has changed.
Bids will be received until February 21, 2025 @ 3:00 PM Alaska time.

Bidders Questions:

1. Roughly how many hours per operating season do you plan to put on these machines?
Roughly 1500 hours per operating season on each tie crane.
2. Do you have machine spec requirements for these machines? (i.e. Specific lighting package, beacons, warning decals, etc.)
Please see attached specifications.
3. Buy America - Appendix E Section 21 - "Applicable only to FHWA funded construction contracts in excess of \$150,000". Are the Buy America requirements applicable to this solicitation? Specifically, to items 2 and 3?
No

Please acknowledge receipt of this and all addendums in your firm's Service Bid Form (Form 395-0129).

All other terms and conditions remain unchanged.

Thank you,

Candice Graham
Contract Administration Specialist

Rob Walker
Logistics Manager
Alaska Railroad Corporation

Enclosure: Addendum_3_Appendix_C_Excavator_Based_Tie_Crane_Specs

APPENDIX C
CT08 TIE CRANE SPECIFICATIONS

- ❖ Must fit within AAR Plate C during operation
- ❖ Transport on a lowboy trailer without permits
- ❖ Can be lifted by crane to be set on rail (needs lifting points)
- ❖ Must be able to pick up 1500 lbs @ 12' and 750 lbs @ 24'
- ❖ Maximum Tail Swing of 63" from center line of rotation.
- ❖ Tie crane for handling standard 8'6" railroad crossties and switch ties up to 17'0".
- ❖ Capable of traveling 25-30 MPH on rail

FEATURES / ADDITIONS

- Hi-Rail Drive
- Rail-Dedicated Undercarriage
- Hydraulic fail safe brakes
- Four motor hydrostatic drive
- Two speed travel
- Non-insulated (shunting) wheels
- Convertible to Non-Shunting
- S.O.S. sampling

Brakes

- 4 hydraulic fail safe brakes cylinders
- QD connections for carts/external brakes

Electrical

- Federal Signal Beacon/Strobe Light
- Norfolk Southern Spec. Light Bar
- LED Lights
- 4 Federal Star boom LED lights
- A & B Directional Travel Alarms
 - Change of direction activates alarm
 - 20 AMP 12V supply for radio hook up
 - Electronic Control Panel
 - Touchscreen monitor panel for Rail controls
 - Danfoss CANBus control system
 - Hydraulic Quadrant stop ready
 - 30mm push buttons - Park brake, Travel Interlock, and Emergency stop systems
 - Aux. relay/ fuse box
 - Ingress/egress lights
 - Minimum 80A alternator

□ Engine

- DEF not required
- Tier 4 final
- Primary and secondary air filtration
- Fuel primary and water separator fuel filtration
- Liquid cooled engine
- S.O.S. sampling

□ Hydraulic

- Hydraulic Pump Pressure & Flow Testing System
- High Pressure Filtration
- Case Drain System with filter
- Hydraulic Pre-Fill System, pump, filters, Q.D.s
- Hydraulic Oil Cooler
- Emergency Hydraulics – Boom Raise and Swing Release, brake release, motor/drive disconnect or towing mode
- Hydraulic hand pump for back up to emergency system in the event batteries are drained
- Remote Hydraulic & Engine Oil Drains, hydraulic fill/flush ports, kidney looping
- Excavator Tool Control Systems Kit
- All custom manifolds to be corrosion protected
- No pipe fittings, SAE Boss, ORFS and flange only (JIC where acceptable)
- Hydraulic quadrant stop manifold (Quadrant stop ready)
- Proportional hydraulic brake manifold
- S.O.S. sampling
- Seal kit

□ Machine Frame & Body

- Mechanical Upper Structure Swing Lock
- DURABAK Coated Handrails
- Tie Crane style sideways travel pedal
- Additional storage toolbox (1) Undercarriage
- Remove blade lever
- Machine tie downs (per spec. for weight) – One tie-down per corner

Service & Safety

- Twin trumpet Electrical-type air horns
- Hydraulic/mechanical Boom lock
- Boom down restriction circuit
- Battery Disconnect Switch with Vancer spec lock box
- Interior Fire Extinguisher 2.5 lb
- Exterior Fire Extinguisher
- Cab Door Padlock Hasp
- Anti-skid material for all walkways and platforms, including toolbox tops
 - Anti-skid tape is not acceptable

Undercarriage

- Hydraulic fail-safe brakes (4)
- Large ingress/egress steps
- 20" wheels
- Four corner jack stands
- Four corner bumpers
- Derail protection designed into frame
- S.O.S. sampling

Decals

- LOTO procedure
- Lift Chart
- Model decal
- Weight decal
- Dimensions decal
- Maintenance decal

Documentation

- Parts manuals (2 hardcopies and electronic copy)
- OM manuals ((2 hardcopies and electronic copy)