

## **Required basic technical characteristics of cranes by terminals-NEW or USED**

### **1 pcs for Terminal Bršica/Raša and 1 pcs for Terminal Bakar-coast Goranin**

- Hydraulic portal port crane on rails
- Power supply unit – electric energy (electricity)
- Anticipate a MV/LV transformer on crane with an associated cable - 20 kV/0,4 kV;
- The flexible lifting power cable winding system should be dimensioned according to the existing cable channel on the new part of the shore
- Distance (range) of rails on which the 10.50 meters crane comes
- The type (profile) of the rail on which the crane is coming is 49E1 (S49)
- The maximum permissible vertical force per wheel of the crane is 250 kN
- Load capacity 12 - 20 tons
- Minimum reach 30 meters
- Table (curve) range / load - meter / ton
- Catalogue of parts, use for handling, services and detailed diagram of the crane in Croatian and English in written form and on CD or USB stick.
- Detailed scheme of electrical installation and hydraulics
- Remote crane control
- The maximum wind speed at which the crane can work is 20 m/s - 72 km/h
- Cabin with air conditioning (heating-cooling)
- Colour video surveillance, zoom camera on the crane and monitor in the cabin of the tower
- Warranty period 24 months or 4000 working hours and spare parts included in price during the warranty period
- Training of crane operators, electricians, electronics and mechanics in duration min. 5-7 days
- Time of production, delivery, installation and commissioning
- Register certificate for crane - BV, LR, GLS or DNV
- Maximum age of used crane up to 10 years and with maximum 10000 working hours

**The offer must include the delivery of the crane to the terminal - shore, installation, commissioning and handover.**