

**Procurement of four (4) "Roll Trailer Systems" for PPA SA Container Terminal Use**

s/n	Description	Unit	Quantity	Estimated unit price	Estimated total price (€)
1	"ROLL TRAILER SYSTEM" CONSTING OF A ROLL TRAILER, A GOOSENECK DEVICE & A GOOSENECK PARKING STAND OF 40' LENGTH / 100 TONS SWL CAPACITY, FOR PPA SA CONTAINER TERMINAL USE.	system	4		
<b>Total: €</b>					
Plus VAT 24%: €					
<b>GRAND TOTAL: €</b>					

**TECHNICAL DESCRIPTION**

**Background Information**

The Roll Trailer System will be used for heavy-duty transport for container and general cargo applications. The Roll Trailer and the detachable Gooseneck shall be capable to handle payloads of up to 100 tons and standard 20' and 40' container sizes. The Roll Trailer System shall be designed and manufactured according to the applied EC Directives for Machinery and Safety, must have CE conformity declaration and the manufacturer of the equipment must be ISO 9001 certified. At least one (1) year warranty will be provided for the steel structure and parts (excluding wear, tear and mishandling).

**General Description**

The Roll Trailer System is consisting of the following:

1. The roll trailer
2. The detachable gooseneck and
3. The gooseneck parking stand.

The Roll Trailer will be of robust design that results in a long service life through the use of high-quality materials and components designed to meet the minimum PPA's requirements, as described below.

The Gooseneck will be detachable, constructed by heavy duty steel and must be designed to lift and tow roll trailers up to at least 100 tons payload and to meet the minimum PPA's requirements, as described below.

The Gooseneck parking stand will be constructed by heavy duty steel and must be designed to stow the gooseneck when not in use.

**Roll Trailer System Specifications**

**Roll Trailer Frame construction**

Consisting of hot rolled steel beams. Longitudinal & cross member beams (IPE) according to DIN 17100 with steel grade St52-3 or IPE beams S355, of adequate size and strength / Two (2) reinforced box profiles forklift pockets on each side (4 in total) / Eight (8) collapsible twist locks to secure 20' and 40' ISO containers / Reinforced front support frame with safety hooks for coupling/entry of pin type gooseneck device / Eight (8) forged lashing points on each side (left & right, total 16 pcs) for cargo securing / Four (4) lifting eyes (D-rings BL 36tons) placed 2 in front and 2 in rear ends.

**Roll Trailer Max Capacity**

Payload 100 tons (load spread evenly)

**Roll Trailer Speed (approx.)**

With Payload: 6km/h

Empty: 20km/h

<b>Roll Trailer Dimensions (approx.)</b> Platform length: 12.350 mm Platform Width: 2.500 mm Platform Height: 800 mm Ground clearance: 250 mm
<b>Roll Trailer Running Gear</b> Two (2) rocker arms (box construction – low built) with total four (4) oscillating axles and eight (8) solid rubber tyres. The axle material, bolts, tyres, bushings, bearings, bearings housing, seals, lubrication nipples etc. will be of adequate size and strength in order to guarantees a long service life.
<b>Roll Trailer Platform Decking</b> Impregnated wooden deck of at least 50mm thickness, consisting of planks with approx. width of 150mm and adequate length.
<b>Roll Trailer Extra features</b> PPA logo, Tare weight and SWL to be printed on both external sides of longitudinal members frame in color of PPA requirement.
<b>Roll Trailer Spare parts</b> Four (4) wheels and tyres in total (for all the above Roll Trailer Systems) must be delivered to PPA as spare parts (the price of these spare parts will be included in the offered price).
<b>Gooseneck device (Including stand)</b>  The Gooseneck device must be designed for, Terminal tractors with hydraulic fifth-wheel plates with lifting capacity of 36 tons, easy to hookup to tractors, to the above-mentioned roll trailers and to the parking stand. All gooseneck devices will be accompanied by the adequate size and strength safety chains. The King-pin dimensions will be two (2) inches (") and the RAL color will be decided by PPA.
<b>Roll Trailer System Finish</b>  Sand blasting: Standard sandblasting to all metallic surfaces prior to painting according to ISO 8501-1 and to at least SA 2.5 after welding. Coating: Epoxy or polyurethane anti-corrosion one (1) undercoat (Primer), one (1) intermediate coat and one (1) high quality overcoat making a minimum overall coating of 120 microns or two coats equaling the same of similar microns will also be acceptable. (Color coating RAL to be informed by PPA).
<b>Roll Trailer System Certification</b>  The equipment manufacturer must be ISO 9001 certified. The proposed equipment should be designed and manufactured according to the applied EC Directives for Machinery and Safety Standards and the EC type approval will be submitted to PPA upon delivery of goods. All appropriate certification for wheel and tyre construction also must be submitted upon delivery to PPA and the certificate of origin to be provided upon delivery and stated in technical proposal.
<b>Roll Trailer System Documentation</b>  Operators and Maintenance manuals in English, and Bill of Material to be provided in paper and CD / spare parts book with prices/cost of spare parts (Indicative construction drawings to be provided within the technical offer).
<b>Roll Trailer System Warranty</b>  At least one (1) year warranty will be provided for the Roll Trailer System steel structure and parts (excluding wear, tear and mishandling).
<b>GENERAL TERMS &amp; REMARKS</b>
<b>Award Procedure</b>

The winning bidder will sign a contract. The contractor is obliged to submit a letter of good execution guarantee (5% of the contractual amount), upon contract's signature.
The selection of the contractor shall be on the basis of <b>lowest total price</b> , provided that all specifications & requirements set by the tender are met. It is clarified that all costs regarding shipping, insurance and third-party inspections will be borne by the candidate.
<b>Delivery Terms</b>
Delivery terms : <b>DDP</b> (PPA SA Container Terminal Pier I, Neo Ikonio Perama). The delivery time, has to be clearly stated within the offer. Delivery time: <b>four (4) months</b> .
<b>Payment Terms</b>
<ul style="list-style-type: none"> <li>• 20 % of the contract amount as advanced payment after signing of the contract</li> <li>• 40 % upon the delivery of all equipment after the partial acceptance from PPA (issuance of proforma invoice)</li> <li>• 40 % plus corresponding VAT after the final acceptance from PPA (issuance of final invoice)</li> </ul>