

# TRANSNET ENGINEERING

## PRODUCT AND SERVICES DEVELOPMENT

### SPECIFICATION FOR

## TANDEM AXLE BOGIE ASSEMBLIES


Revision 04

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**PD\_PRTS\_NAT\_SPEC\_007**

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Signature: \_\_\_\_\_

Date: 26/03/2024

## **SPECIFICATION:**

Tandem Axle Bogie Assemblies for the 61 Ton Trailers being developed by the Ports Business should be supplied as per the product description given below.

Product	Quantity
<p><b>GO HD TANDEM AXLE BOGIE ASSEMBLY OR EQUIVALENT (FOR A SLOW SPEED, SEMI TRAILER)</b></p> <p>45 TON, HEAVY DUTY, TANDEM AXLE BOGIE WITH AN <b>OVERSLUNG</b> SUSPENSION SYSTEM FOR PORT TERMINAL USE. THE TANDEM AXLE BOGIE ASSEMBLY IS TO CONSTITUTE THE FOLLOWING (AMONGST OTHER COMPONENTS):</p> <ul style="list-style-type: none"> <li>• 2 X 130MM, EN19, SOLID ROUND AXLES RATED FOR A MINIMUM OF 22.7 TON EACH;</li> <li>• 11 BLADE SPRINGS PER SIDE ON EACH AXLE (JUMBO TANDEM PORT SPEC);</li> <li>• HUBS WITH 10 X M24 STUDS;</li> <li>• DRUM BRAKE ASSEMBLIES (420 X180);</li> <li>• AUTOMATIC SLACK ADJUSTERS</li> <li>• TENSION SPRINGS (SWIVEL LOOP)</li> </ul> <p>Each Tandem Axle Bogie Assembly supplied is to possess the following over and above the requirements stipulated above:</p> <ol style="list-style-type: none"> <li>1. A track that is approximately 1930 mm.</li> <li>2. A centre to centre distance between hanger brackets of 1000 mm (If viewing the trailer from the top).</li> </ol> <p>The following files/ documents are to be supplied as part of this tender:</p> <ol style="list-style-type: none"> <li>1. A specification sheet/assembly drawing of the offered/ supplied Tandem Axle Bogie Assembly.</li> <li>2. The relevant warranty documentation (A warranty for the minimum period of 1 year is to be provided on the offered/supplied Tandem Axle Bogie Assembly).</li> <li>3. Performance test reports/ certificates which prove that the Tandem Axle Bogie Assembly offered/ supplied is fully certified to perform at the capacity it has been rated for. It must be noted that an approved brake test report (from an independent, certified, vehicle testing authority) is to be issued to certify that the braking capacity is 22.7 Ton per axle. Compliance to SANS 1447-2 is a requirement.</li> </ol>	<p><b>As the REQ created</b></p>