


<b>SPECIFICATION</b> <b>DESCRIPTION: FOR HIRING OF A THREE-WHEELER WELDING MACHINE WITH A POWER SOURCE IN GERMISTON MAIN PLANT.</b>
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**Specification and Document Compiled by:**

Name & Surname     Kgobisa Makena    

Signature 

Date 22-05-2026

**Recommended by:**

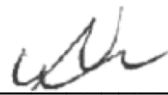
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Date 2026.05.29

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## 1. Scope of Work

This specification requirement covers all the requirements that will be needed to inform the supplier/vendor/manufacture/service provider to carry out what is expected from him/her:

This specification states the minimum requirements relating to the work and in no way absolves the contractor from responsibility for sound maintenance engineering practice. Any omissions or sub-standard requirements of this specification must be brought to the attention of Transnet Engineering Contract Manager at tender stage and optional prices for addressing such omissions must be provided.

## 2. Specific Requirements:

- Comply with the Occupational Health and Safety Act (Act85 of 1993), as amended. • Comply with any Environmental Legislative requirements relating to the scope of work, namely National Environmental Management Act (NEMA), Act 107 of 1998.
- The contractor to have SHE INDUCTION and has valid permits when entering Transnet Engineering.
- The contractor to have a SHE FILE, SITE INSTRUCTION BOOK on site always when they commence duties
- Baseline Risk Assessment assessing the potential risks associated with the scope of work to be provided as part of the she file.
- SHE Management Plan to be provided as part of the SHE file.
- The correct PPE for all hazards that the contractor's employers may be exposed to, Must always be worn

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- Failure to comply will result in a non-conformance followed by a SHE Stop Certificate Being issued, and the supplier will be required to leave the site until the situation is rectified.

### 3. Technical Requirements:

- The machine and its components whether detailed in this specification or not shall comply with the requirements of the Occupational Health and Safety Act 85 of 1993 as amended.
- Sudden power losses will not have an adverse effect on equipment and shall not unduly delay return to operation after power is restored

### 4. Specific Requirements:

	<b>REQUIRED</b>
	<b>Specification for hiring of a three-wheeler arc welding machine with the power pack/source (as and when required within 12 month)</b>
4.	<b>Scope of work:</b>
4.1	Supply and replace parts on the machine when there is a breakdown on a three-wheeler arc welding machine.
4.2	Respond to break down of the machine within 4hours when required.
4.3	The suppliers must demonstrate the operation of the machine to the end users
5.	<b>GENERAL</b>
5.1	<ul style="list-style-type: none"> <li>○ Overall dimensions of welding tractor should be able to fit through minimum tank diameter of 428mm without being disassembled. If the welding tractor is too big to fit through 428mm diameter, at least ±15mins to disassemble and re-</li> </ul>

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	<b>REQUIRED</b>
	<p>assemble of the machine sub-components may be done in order to fit the machine through minimum tank diameter of 428mm, a maximum of 2 people should disassemble and reassemble the machine.</p> <ul style="list-style-type: none"> <li>○ The supplier of the welding tractor will be responsible to at least train minimum of four employees on operation of the machine including basic first line maintenance of the machine.</li> <li>○ The welding tractor should be able to travel on a surface radius of 750mm and weld minimum tank circumference of 8600mm.</li> <li>○ The interconnection cable length from the power pack to the Welding tractor must be a minimum of 20m.</li> <li>○ The cable length from power source to the power pack Should be at least 10m and more.</li> </ul> <p style="text-align: center;"><b>The latest model is recommended</b></p>
5.2	<p><b><u>Welding plug</u></b></p> <p>5 (3P +N+E) pin 63A male</p>
5.3	<p>Should machine not work and components or spares must be ordered by the contractor from the OEM, the contractor shall report this to Transnet Engineering. This is required to ensure that the working area is optimally utilized while the contractor is waiting for spares or components.</p> <p>It is the responsibility of the supplier to fix the machine within a short space of time or find replacement to avoid production delays</p>

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5.3	The machine will be the responsibility of the contractor to both maintain, repair parts and do regular inspections (if any) on the machine for the duration of the contract.
6.	<b>Respond to break down call outs.</b>
6.1	Call out response must be within 2 hours from receiving a phone call, Technician should be onsite within 4 hours.
	<b>REQUIRED</b>
7.	<b>Records</b>
7.1	The contractor shall submit all certificates as per OSH Act requirement to Transnet Engineering within 1 day minimum and 30 days maximum and signed by both parties on site.
8.	<b>Safety, Health, Environment, Risk, Quality (SHERQ) and Responsibility</b>
8.1	The contractor will be required to provide an issue-based Risk Assessment depending on the nature of activities to be undertaken on site within Transnet premises.
8.2	Should the contractor's workers participate in strikes, marches, riots or any other actions which fall outside their duties, it is the contractor's responsibility to control its personnel, restore order or, if necessary, to remove them from Transnet Engineering premises.
8.3	The contractor must discourage its workers from participating in any actions, such as mentioned above, whether these are initiated by staff of the institution concerned, or by any other outside body.  In the event of actions such as mentioned above, it is the responsibility of the contractor to calculate revised invoices and present them for payment at the end of the month in which only partial service was rendered.
8.4	The contractor accepts to provide Business Continuity Plans in an event of any disruptions which might impact providing the required service to Transnet.
8.5	The contractor accepts responsibility for any losses, which occur during the service in Transnet Engineering premises.

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8.6	Where keys for access to areas of the site are required and keys are given to the contractor, the necessary care and responsibility for their safekeeping will be observed. The contractor must ensure that keys are not misused or used to allow access by unauthorized persons.
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**END OF SPECIFICATION Accepted by Contractor:**

<b>Name &amp; Surname:</b>	
<b>Company Name:</b>	
<b>Signature:</b>	<b>Date:</b>

**By signing on the acceptance column, the contractor acknowledge that he understands the content of the specification. He/she shall confirm to the requirements and regulations specified in the specification. He has the authority within his delegation to represent and sign on the company's behalf.**

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