



REQUEST FOR QUOTE

DENEL PMP

PMP (Pretoria Metal Pressings)

A Division of Denel (SOC) Ltd
Co Reg. No. 1992/001337/30
VAT Reg. No. 4720101148

Tel: +27-12-3181911
Hotline: 0800 20 48 80

1 Ruth First Str
Lotus Gardens
South Africa

Private Bag X334
Pretoria
0001

RFQ's SHOULD BE SUBMITTED TO: E-MAIL: tenders@pmp.co.za, OR
BY HAND SEALED IN AN ENVELOPE IN THE TENDER BOX AT MAIN ADMIN

SUPPLIER:	ENQUIRIES	M A MOTSOMANE	CLOSING DATE
	CONTACT NO.	3181400	
	RFQ ENQUIRY NO	363367-24/05/2023	
	DATE ISSUED	12/05/2023	
	SUPPLIER CODE		24/05/2023
	ATTENTION		AT 12:00
	FAX NO.		

PAYMENT DISCOUNT OFFERED			PRICE SUBJECT TO ESCALATION		DELIVERY BASIS *		
NO. OF DAYS	TYPE OF DISCOUNT	% DISCOUNT	YES	NO	DELIVERED	PMP/F.O.R.	
			<i>IF YES, COMPLETE THE FOLLOWING IN FULL</i>				
* MARK APPLICABLE BLOCK * FILL IN ONE OF THE FOLLOWING * AFTER STATEMENT * AFTER DELIVERY			APPLICABLE FORMULA			/F.A.S.	
			INDICATED (WHICH CATEGORY/CLASS			/C.I.F.	
			% LABOUR			MATERIAL	/EX WORKS
			FIXED PERIOD			YES	NO
REFERENCE NO.			RATE OF EXCHANGE R1.00 =			OWN TRANSPORT	
CONTACT PERSON			TRANSPORT COST INCLUDED			SPECIFY	
TENDER VALID FOR			DAYS				

For Denel (SOC) Ltd Trading as
PRETORIA METAL PRESSING

DETAILS OF RFQ SCHEDULE (QUOTED UNIT PRICE TO EXCLUDE VAT.)

IF NO REPLY RECEIVED 14 DAYS AFTER CLOSING DATE, CONSIDER RFQ TO BE UNSUCCESSFUL
TAX CLEARENCE CERTIFICATE MUST BE SUBMITTED WITH RFQ

RFQ ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UI	UNIT PRICE	TRADE DISCOUNT	VAT %	DEL/ TIME	SHELF LIFE
001	MACHINING OF ROTORS. Date required: 21/09/2023	25,000	EA					

RFQ NUMBER AND CLOSING DATE MUST BE REFERRED TO IF OWN DOCUMENT IS USED
RFQ WILL BE EVALUATED ACCORDING TO THE PPPFA 80/20 NOT IN WHOLE BUT PER ITEM INDIVIDUALLY.

I/We, the undersigned, hereby quote and should the quote be accepted in whole or in part, undertake to manufacture/supply the goods detailed on the RFQ Schedule
in conformance with the stipulated specification, terms and conditions at the prices detailed in the Tender Schedule.

OR

REGRET UNABLE TO TENDER DUE TO



RESTRICTED

PRETORIA METAL PRESSINGS
a division of Denel (Pty) Ltd

SPECIFICATION FOR Ø 7,5mm STAINLESS STEEL ROD BASED ON ALLOY WN 1.4104 (DIN EN10088-3)

DOCUMENT No: 750 2104

ISSUE 2

Should a Tenderer/Vendor not be able to meet the requirements of this document, it must be declared in writing to the Buying Manager at the time of tendering/receipt of an order.

DBS: B11
CODE: 07750210400

TENDER

DATE 2023-05-11

COPY NO: 35

ISSUED BY: L P

(1245.doc)

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RESTRICTED**PRETORIA METAL PRESSINGS** a division of **DENEL (Pty.) Ltd.****APPROVAL PAGE****COMPILED BY**I Pretorius
Configuration control2003-06-05**APPROVED BY**CJ Pavier
Product Manager2003-06-04HJ van Eck
Acceptance Authority2003-06-03**AMENDMENT HISTORY SHEET**

ISSUE	DETAILS	ECP No	DONE BY	DATE
1	Specification retyped in new format.	E2/047/03MC	I.P.	03-05-07
2	Change tensile strength to 700 MPa.	E2/195/04MC	I.P.	04-11-22
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1. **SCOPE**

- 1.1 This specification covers stainless steel rod alloy WN 1.4104 that conforms to this specification.

2. **APPLICABLE DOCUMENTS**

ASTM E8
DIN EN10088-3

3. **REQUIREMENTS**3.1 **General material requirements**

The material shall be supplied as cold drawn, soft annealed and ground rods.

3.2 **Product characteristics**

- 3.2.1 The material shall be supplied with plain ends in lengths of 3 m $\pm$ 5 cm.
+ 0,0

- 3.2.2 The diameter shall be 7,5 mm - 0,022 mm.

- 3.2.3 The straightness deviation shall not exceed 1,5 mm/meter.

- 3.2.4 Out of roundness shall not exceed 0,01 mm.

3.3 **Chemical, mechanical and metallurgical properties**3.3.1 **Chemical composition** (Cast analysis)

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ELEMENT	SPECIFICATION (%)
Carbon (C)	0,10 - 0,17 maximum
Silicon (Si)	1,0 maximum
Manganese (Mn)	1,50 maximum
Sulphur (S)	0,15 - 0,35 AIM : 0,22 - 0,35
Phosphorus (P)	0,040 maximum
Chromium (Cr)	15,50 - 17,50
Molybdenum	0,20 - 0,60

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3.3.2 **Mechanical properties**

Tensile strength: 700 MPa maximum (AIM: 680 MPa max).

3.3.3 **Metallurgical properties**

The material must be in the annealed condition.

3.4 **Workmanship**

3.4.1 The material must be free from cracks and eddy current tested in the as delivered condition.

3.4.2 Cracks, piping and porosity are not acceptable.

3.4.3 The material must be free from rust, kinks and handling marks.

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4. **QUALITY ASSURANCE PROVISIONS**

4.1 **Responsibility for inspection**

4.1.1 Unless otherwise specified in the contract or order, the supplier is responsible for the performance of all inspection requirements as specified herein.

4.1.2 Except as otherwise specified, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements.

4.1.3 The purchaser or his representative reserves the right of inspection of Laboratory Certificates of raw materials and components used for the manufacture of the material.

4.1.4 The supplier shall be responsible for making available to the purchaser all facilities necessary if required, for inspection of the material.

4.1.5 The supplier will be responsible for the implementation of an applicable quality management system to assure the appropriate quality of the product. The purchaser reserves the right to audit the supplier's production facilities at all times to ascertain whether quality requirements are being met.

4.2 **Special tests and examinations**

Eddy current test for cracks.

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4.3 Quality conformance inspection

4.3.1 Lot information

4.3.1.1 A lot shall consist of one or more batches of material produced by one manufacturer in accordance with the same specifications under one continuous set of operating conditions.

4.3.1.2 If the quantity is such that more than one cast is required, material of the same cast shall be grouped together. Each case or bundle shall be clearly identifiable as to the relevant cast number.

4.3.1.3 The supplier shall ensure that all deliveries to the end user are fully traceable by lot number and that identification records be supplied to the end user to match lot numbers with inspection records.

4.4 Test methods

Tensile testing: ASTM E8.

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5. PREPARATION FOR DELIVERY

5.1 Packing

5.1.1 To be strapped in bundles suitable for forklift handling using 4 evenly spaced steel straps. The mass shall not exceed 1 000 kg, unless otherwise agreed between the supplier and purchaser.

5.1.2 In the case of an overseas supplier, the bundles shall be packed in a seaworthy condition using suitable wooden boxes secured by steel straps. The bruto mass of the strapped boxes may not exceed 2 000 kg.

5.1.3 If containers are used for transportation of the material, open top containers must be used. The wooden boxes must be properly stacked in the container with spaces of ± 150 mm between them.

5.2 Package marking

All bundles, boxes and / or containers are to be legibly and durably marked with the following details on suitable labels:

5.2.1 Document and order number.

5.2.2 Name of supplier.

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5.3 **Documentation for delivery**

The following documents must be forwarded with each consignment of material:

- 5.3.1 The original specification which accompanied the order in the case of a single consignment or the final consignment of staggered deliveries.
- 5.3.2 A certificate of conformance / analysis stating all the results of the tests conducted by the supplier during manufacture and final acceptance.
- 5.3.3 Certificate of acceptance issued by the end user or his duly representative or a letter from the end user for the release of the consignment for shipment in the case of an overseas supplier.
- 5.3.4 The supplier's delivery note shall clearly state the relevant order and document number.

6. **NOTES**

If the supplier of the material is not the original manufacturer, the full name and address of the manufacturer must be supplied in writing with the submission of a tender.

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