



TENDER NUMBER: DLS150616

TECHNICAL AND MANUFACTURING REQUIREMENTS FOR MECHANICAL COMPONENTS AND FABRICATED

1 PART DESCRIPTION AND PART NUMBER

- Description: SSC-GUN 2 DRAWER
- Part no : 448048935000 09

2 INPUTS

- NDA, Drawings, Datasheets and Specifications on CD
- Surface Treatment Specifications
- Weld Specifications
- QA and Industrialisation Requirements – See CRL
- Data Sheets for Standard Fasteners
- Inspection and Final Acceptance – see para 6.4 for procedure
- Manufacturing Requirements
- Delivery Schedule
- Acceptance Criteria of Tender
- DLS 92 Release Certificate
- Industrial Participation - NIP / DIP Requirements

3 OUTPUTS

- Quotation, Execution Plan, signed NDA and NIP/DIP declaration
- SSC - GUN 2 DRAWER – Preserved, marked and delivered to DLS
- WPS, WPM, WQR and Weld samples for evaluation and testing
- Built History Records (BHR)
- Presentation of SSC – GUN 2 DRAWER for final inspection and acceptance
- Qualified Manufacturing Process, Measuring Process and Weld Process

4 DELIVERY SCHEDULE

Industrialisation phase – 5 off Prototypes: to be delivered 3 months after order placement

Production Phase – 91 units: To be delivered at a rate of 5 units per month after order placement.

Production can only start after final acceptance of the prototypes.

5 MANUFACTURING REQUIREMENTS

5.1 WELDING REQUIREMENTS AND CAPABILITY

- Three years qualified and proven weld capability and experience of materials and welded structures manufactured from Mild Steel and High Strength Structural Steel.
- Weld Procedure Qualification (WPQ) and Welder Qualification (WQR) if applicable.

5.2 WELDING PROCESS AND PREPARATION

- All weld areas to be sand blasted and cleaned with Duva PPC
- WPS of weld process to be approved prior to welding
- All welds will conform to the weld specifications

5.3 WORKMANSHIP

All open areas to be deburred and no sharp edges is allowed.

5.4 SURFACE TREATMENT

- DLS can act as a possible supplier for surface treatment of components and assemblies as per drawing specification prior to the assembly phase.
- A Certificate of Conformance (COC) to be issued from an alternative sub-contractor who is responsible for the surface treatment. The COC will form part of the BHR.
- Contact Details at DLS paint shop: Johan van der Merwe @ 012 620 3145 at DLS for an official quotation.

6 QUALITY AND INSPECTION

6.1 MEASURING CAPABILITY

- Calibrated Measuring Equipment to be used at all times.

6.2 QUALITY REQUIREMENTS

- As per Control Requirements List (CRL)
- All BHR together with the hardware to be presented to the DLS QAR for acceptance

6.3 INDUSTRIALISATION REQUIREMENTS

- As per Control Requirements List (CRL)
- The industrialisation phase must be completed before production can continue.
- The inspection of the first 5 prototypes shall be done at the supplier premises by the DLS QAR.
- DXF FILES - The supplier must create their own dxf files where applicable.

6.4 INSPECTION AND FINAL ACCEPTANCE PROCEDURE

- The Supplier will invite the DLS QAR for inspection by submitting a notification via the email system.
- As part of the notification the Supplier will submit the signed DLS92 Release Certificate and BHR to the following email address: dls-release@dlsys.co.za
- The DLS QAR will only act on the notification once received via the email system.

6.5 BUILT HISTORY RECORDS (BHR)

A BHR file will include a DLS92 Release Certificates, material certificates, crack detection certificates and measuring reports. All BHR to be clearly marked with the part number, item description and order number. The supplier will certify the certificates in the BHR file.

6.6 ASSEMBLY AND INSPECTION

- Assembly to be performed within a controlled assembly workspace with instructions.
- Acceptance and inspection to be performed against qualified jigs and fixtures.

7 DELIVERY

- Each container will be marked with an aluminium label attached to the welded structure clearly displaying the part number, description and order number.
- The DLS 92 and delivery note will accompany the hardware to the DLS warehouse.
- All containers to be delivered to the DLS Warehouse.

8 INDUSTRIAL PARTICIPATION

The Supplier will indicate the NIP / DIP obligations by completing the NIP / DIP declaration.

9 EVALUATION CRITERIA OF THE TENDER

The Tender will be evaluated according criteria as stated in paragraph 1 under sub paragraph 2.1.1 of the tender application

10 ESCALATION

The tables and values of Seisfa is applicable and the supplier is responsible for obtaining the information and the data from the Seisfa organisation.

11 ORDER PLACEMENT

An order will be issued for all the requirements of the schedule as per paragraph 4 of the Technical and Manufacturing Requirements document MG002 Rev 00. The supplier shall adhere to the industrialisation and production requirements.

12 EXECUTION PLAN

The Supplier must submit an Execution Plan and must include for each deliverable which must include all main activities. The execution plan forms part of the tender documents and is a compulsory document and must accompany the tender.

13 NON DISCLOSURE AGREEMENT (NDA)

The Supplier will return a signed NDA before any drawings, datasheets, specifications or informational CDs can be handed over for quotation purposes.


The non-disclosure agreement is an annexure to the tender application and must be download.

APPROVED BY:

Technical Expert:

J De bruin

Date:


2017/07/31

QAR :

C POSTHUMUS-MEYJES


Date:


2017-07-31

Head of Procurement:

W RAVEN

Date:


2017/7/31