



TECHNICAL CLAUSES FOR THE IDONIAL ACQUISITION OF A GTAW NARROW GAP SYSTEM

Gijón, November 15th 2021

TECHNICAL CLAUSES

Technical description of a GTAW narrow gap system:

Idonial Welding Technologies research Unit is looking for a GTAW narrow gap system. These technical specifications cover the minimum characteristics of the mentioned facility.

We kindly request you to submit your quotation in order to participate in our equipment purchasing process. In this regard I request you to send a detailed quotation regarding the following aspects:

EQUIPMENT SPECIFICATIONS:

Welding head: Narrow gap GTAW welding torch for 400A, with the following characteristics:

- For narrow gap weld joints for maximum thickness of 200 mm and 9-10 mm width.
- Oscillating tungsten and wire feeder.
- Cooled by water system (chiller not included).
- Compatible with gas protection system for Argon, Nitrogen, Argon + CO2 mix.
- HD (1280x1024 pixels) camera with dynamic range: functions: make the electrode visible and the pool surface visible with active arc. UV-IR ND filters. Water cooled housing.
- HD camera software interface with 1 LCD screen and industrial PC.
- Led lighting output control

Quotations shall include in addition the following conditions related to the supply of the equipment: delivery terms, after-sales services and payment terms.