

Bydgoszcz, day 01.03.2021

INQUIRY No 130004864

Dear Receiver,
we would like to invite you to submit your best offer for the set consisting of a mold and a heater, all items are listed below.

I. Molds for LSR Items

A) Items to be manufactured stresscone, joint body, earth electrode, mid electrode
<https://tffox.tfkable.com/index.php/s/l8TqN67619KffYw>
password will be delivered upon the request.

B) Material for items

- LSR (viscosity up to 550 Pa·s) – material specifications can be supplied on request

C) Mold heating method

- Stresscone and deflector molds' heating is done by electricity. Stresscones are manufactured in a DESMA injection molding machine and deflectors in Yizumi injection molding machines.
- Joint molds are heated with circulating water using two tempering units. One unit for the mold itself, and second unit for mid shaft heating and cooling. Temperature of the water up to 140 °C max and cooling down to 20 °C.

D) Working principle of the joint mold

The mold is planned to be operated in vertical direction according to below schematic drawing. In molding cycle, the open mold is pushed in pressing position using a hydraulically movable bottom table that is levelled to floor. Top cover of the mold is attached to upper pressing table. Press is closed and pressure applied. When the molding is ready, top cover of the mold moves together with opening of mold. The open mold is pushed out from press using hydraulically movable bottom table. The center shaft with joint body is pulled out from mold using crane.

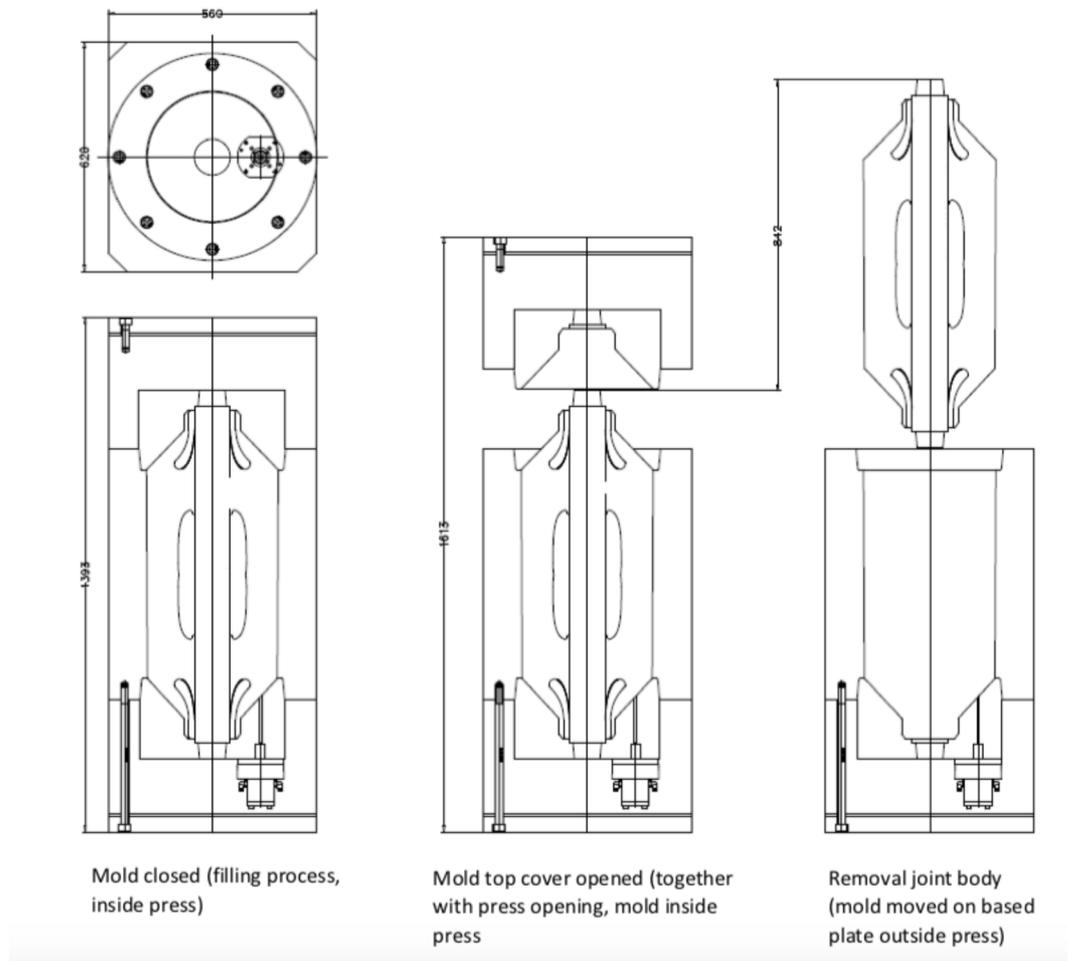
GROUP MANAGEMENT

Monika Cupiał-Zgryzek
Chief Executive Officer

Elżbieta Czajczyk-Iwanicz
Member of the Management Board

Piotr Mirek
Member of the Management Board

Bartłomiej Zgryzek
Vice President



E) Temperature measurement of the mold

- Mold should be equipped with a thermocouple (PT100 or PT1000) in the main body with a universal connector.

II. **Tempering Units to heat the joint mold**

The offer should include two water tempering units with needed hoses and connectors to heat the joint mold and midshaft. Preliminarily estimated power requirement (to be verified and checked by the mold manufacturer):

- Mold: 140°C - 36/70kW (heating / cooling)
- Mid shaft: 140°C - 12/20kW (heating / cooling)

The tempering units should be of known brands like for example E. Braun GmbH. Control panels of the tempering units (if applicable) should be information in Polish.

The offer must include following data:

1. Technical specification,
2. Offer expiration data,
3. Net price,
4. DDP cost to:
Tele-Fonika Kable S.A. ul. Fordońska 152, 85-957 Bydgoszcz, Poland,
5. Payment terms
6. Warranty and Guaranty period.

III. Place and date of submission of the offer

Offers have to be sent by e-mail to oferty@tfkable.com till 12.03.2021.

Tele-Fonika Kable S.A. reserves the right to change the assessment of the offer. The change may be the subject (criteria), parameters and their weight, depending on the specifics of the ordered equipment or services. Each change will be entered to the inquiry.

One of the additional indicators, which may be considered, is the testimonials of the offerent. Depending on the specifics of the contract, the sales level of equipment, number of orders on a scale of past 5 years and the list of authorities (the country, the level of production) will be taken under consideration.

IV. Compliance with legal requirements, health and safety, depending on the specifics of the offer

The tendered is required to meet / provide all the legal requirements that associated with equipment or service offered.

you meet the legal requirements or safety associated with a higher bid you have to specify

V. Information about the chosen offer

Only the best offer from between the delivered offers will be chosen for negotiation. Purchaser will inform bidders in person and set time of negotiations.

VI. Additional information

– organization side:

Agnieszka Moksa tel.: +48 12 652 55 94 email: agnieszka.moksa@tfkable.com

– technical side:

Dr. Eng. Bożena Bittner-Wróbel tel.: +48 52 3643349 email: bozena.bittner-wrobel@tfkable.com

Best regards