



GENERAL TECHNICAL SPECIFICATION

PUBLIC CALL FOR OFFER FOR PROJECT: "DACIA VEHICLE PRODUCTION DIVERSIFICATION" DEPARTMENT TRIM & CHASSIS

LOT 23:



EXECUTIVE SUMMARY

■ Object of the call:

➤ **LOT23** – Studies, realization, on site installation and commissioning for the following equipment:

1. Manipulator for aluminum main casing
2. Manipulator for inferior cover screwing
3. Manipulator for batteries modules
4. Manipulator for batteries modules screwing
5. Manipulator for superior cover screwing
6. Manipulator for fully assembled batteries
7. Complete installation for depose of thermal paste

The manipulators no 1, 3, 6 will be used for operator-assisted handling of the electric battery components as well as the fully assembled battery.

Manipulators no 2, 4, 5 have the role of semi-automatically screwing devices for the battery covers, as well as fixing/screwing the battery modules inside the aluminum main casings.

Installation 7 is a fully automatic installation that, with the help of a FANUC approved robot, robot which will be supplied by DACIA, will deposit thermo-conductive paste cords inside the battery casings. The quality and control of the applied cords will be done with a VISIO 3D system.

PLANNING

- End of studies and design approval (ATFE) S07 2023
- Customer reception (RCP) S28 2023
- Commissioning approval (ATFMR) S39 2023
- Process and production approval (ATMP) S04 2024
- Notice for obtaining the performances (COP) S28 2024

A wide-angle landscape photograph of a volcanic region. In the foreground, a dark, gravelly slope descends towards a calm, dark blue lake. The lake is nestled between volcanic ridges. The left side of the lake is bordered by a steep, reddish-brown volcanic slope. In the background, more volcanic peaks are visible under a cloudy sky. A person wearing a red beanie, a green jacket, and blue jeans stands on the gravelly slope to the right of the lake, looking towards the camera. Their shadow is cast long and dark on the ground.

THANK YOU