

Magna, a global automotive supplier, known for its innovative solutions and advanced manufacturing processes, has issued a critical RFQ for automation solutions. In this RFQ, Magna aims to challenge its traditional automatic cells providers to deliver cutting-edge solutions that optimize production efficiency and reduce costs.

AT A GALCE

SPECIFICATIONS:

Magna's detailed RFQ and CBD inquiries reflect its commitment to ensuring accuracy, competitiveness, and innovation in its automation projects. By collaborating with Cuartari and its partner G Engineering, Magna aims to leverage their expertise to develop a second-to-none automation proposal that enhances productivity, reduces costs, and optimizes manufacturing processes.

BENEFITS

By harnessing over 30 years of automotive contracting expertise and partnering with G Engineering, renowned for its innovation in automation solutions, Cuartari delivers an unparalleled proposal. This collaboration guarantees Magna a solution meticulously crafted for efficiency, cost-effectiveness, and precision, setting new standards in automated manufacturing and ensuring seamless integration into Magna's operations.



"The collaboration between Cuartari and G Engineering has been a game-changer for us at Magna. Their innovative approach and deep industry expertise have not only exceeded our expectations but have revolutionized our automation processes."

MAGNA

CHALLENGES

The challenges faced in addressing Magna's automation RFQ stemmed from the complexity of the project and the need for clarity regarding the proposed layout and cycle charts. Questions about the process layout, welding operations, utilization of manpower, and equipment specifications highlighted the necessity for precise understanding and alignment between the proposed solution and Magna's requirements. Additionally, inquiries about tooling, grippers, manpower activities, and material/equipment details underscored the importance of comprehensive planning and transparent communication to ensure the success of the automation project.

SOLUTIONS

The Cuartari-G Engineering solution for Magna's automation RFQ was a collaborative effort aimed at optimizing efficiency and productivity while addressing the specific requirements outlined in the RFQ. Leveraging Cuartari's 30+ years of experience in contracting similar lines and G Engineering's expertise as a key partner for Ferrari and developer of automatic lines for major OEMs, the solution proposed was meticulously designed to meet Magna's needs. By studying the RFQ comprehensively and pooling together their knowledge and experience, Cuartari and G Engineering crafted a cutting-edge solution that aimed to reduce the number of robots and staff required, minimize cycle time, and enhance overall operational performance. This joint effort resulted in a proposal that stood out for its innovation, reliability, and ability to deliver superior results.

Through the collaboration of top-tier engineers, Cuartari and G Engineering defied conventional constraints and crafted a groundbreaking technical solution. Our innovative approach not only met Magna's rigorous requirements but also astonished their OEM client, showcasing our ability to revolutionize automation with unparalleled creativity and expertise.

RESULTS

- **Two Fewer Robots:** Enhanced efficiency and cost savings.
- **Streamlined Staffing:** Reduced personnel requirements by one member.
- **15% Cost Reduction:** Achieved significant savings in total line expenses.