

CONSULTEK

CONSULTING FOR PLASTICS INDUSTRY

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Reverse Engineering Project for XYZ, Inc.

Purpose:

The purpose of this project is to generate CAD drawings and 2D inspection drawings from existing parts by employing reverse engineering methods.

Requirements:

- I. Conduct dimensional measurement using CMM and other traditional measurement instruments.
- II. Generate CAD drawings using Solidworks platform.
- III. Generate 2D drawings with isometric views and with critical and process control dimensions as specified by Pentair.
- IV. Provide electronic files.

XYZ to provide:

- I. Minimum of five sample parts for measurements.
- II. Thread standards, Draft angles to be incorporated etc.
- III. General Information (Notes) to be placed on drawings.

Project time and cost estimate:

The project is to be divided in 100 parts segments with total potential of 7 to 10 segments.

Cost: \$ XXX for 100 Individual parts including consulting time and related expenses.

Time: 2 weeks or less per each segment

Terms: 25% down, Balance upon completion of each segment.

Remarks:

Consultek will assume the responsibilities for managing the entire project to completion including travel time and expenses, communicating and working with Pentair Engineering and Tooling group, communicating and directing vendor and making sure all the requirements are met and project meets agreed upon deadlines. Consultek will provide weekly progress report.

All project related work will be carried out in Bangalore, India.