

IN-KIND CONTRIBUTION WORKSHOP AT FAIR, GERMANY ON 4TH NOV 2015

PARTICIPANT: I-DESIGN ENGINEERING SOLUTIONS LTD., PUNE, INDIA

PRESENTATION TITLE:

I-DESIGN Perspectives of FAIR In-Kind Contributions: Challenges and Opportunities for Indian industries.

ABSTRACT:

As a developing economy, India provides both opportunity and challenges in execution of large scale International projects. On opportunity front, India is a country with abundance of technical skills and know-how. Highly qualified scientists and engineers are readily available for engagement in any technology intensive project. Secondly, due to predominantly English speaking population, interactions and communications at global level is an advantage. Although, the cost of labour has gone up substantially after economic liberalization, it is still at lower level compared to western countries. Overall cost of manufacturing in India is still considered as an advantage compared to various developing nations.

I-DESIGN is one such relatively young and innovative company in India with a team of dynamic and highly motivated professionals. It is already a recognized player in High Vacuum space in India, which has happened in last five years. It has now taken up the challenge of supplying beam line UHV chambers to FAIR, which has come through the In-Kind contributions process from Government of India.

Since, UHV is a relatively new competency area for I-DESIGN, it intends to execute this project with handholding and technical supports from both FAIR, Germany and Bose Institute team in India. I-DESIGN has already built a state of the art manufacturing facility with automated welding. It is going to invest further to complete it and complement it with various other facilities. With a view to make this project financially viable, I-DESIGN looks for supports from FAIR in terms of increase in quantities of chamber supplies as well as offering other technically challenging projects such as XHV chambers and other projects of complementary nature. While increase in quantity will justify the development of materials required for flanges and tubes, additional projects will bring in much needed utilisation of the assets.

I-DESIGN will avail this opportunity to meet and discuss with FAIR team, while in Germany, on various technical aspects of UHV chamber manufacturing. With a collaborative approach, I-DESIGN is confident that it will be able to deliver the chambers to FAIR, which will meet or exceed their quality and timeline expectations.