We continue to drive forward, offering new technology and solutions to increase the productivity, consistency, reliability and integrity of production and testing division of our valuable customers

says **Mr. Rajeush Ballamwar**

Founder Director - M/s. Prolific Systems & Technologies Pvt Ltd.

in an interview to **Electrical Line**

Q-1. What is the USP of the Turnkey services extended by Prolific in India and what are the various challenges of operations to be encountered?

Ans. Prolific is a leading turnkey solutions provider in Electrical, Instrumentation, Automation, and software projects serving its customers from last 21 years. Prolific is one of the leading turnkey solution providers for India's top corporates and 80 of the top 100 global electrical equipment manufacturers / utilities.

Prolific has 25 offices in 10 states across India and 350 strong men and women technical team. Al Tanmiya, Kuwait is one of the largest institutional groups from the Middle East and North Africa region, is a strategic investor in Prolific and lends its international support through infrastructural and balance sheet capabilities.

Prolific is in 3 distinct operational areas.

1. Prolific enjoys the leadership position in providing automated Test Laboratories on turn-key basis for testing of Transformer, Motor, Pump, Capacitor, Generator, On load tap changer, CTs, PTs, Generator, Cable & Shunt Reactor. Prolific's Intelligent Testing & Reporting laboratories help manufacturers /repairers / user industry for productivity gains, labor cost reductions and ensures their customer delight.

2. Prolific is the largest industrial technology trainer in Asia. Prolific imparts advanced industrial technology training in Electrical, Instrumentation, Automation, Hydraulic, Pneumatic and embedded systems. Prolific also provides training for corporate clients at their premises.

Prolific undertakes EPC contracts on turn-key basis for Electrical, Instrumentation, Automation & IT.

Q-2. Which are the core industrial segments where your high end Turnkey solutions are extended and how do you help your customers in reducing the labor costs and increasing productivity?

Ans. Our range of products includes followings which help our customers to test their products automatically. It help customer to reduce the testing time, get accurate results & report and increase the productivity and efficiency of testing department.

- Intelligent Capacitor Testing & Reporting Laboratory (Integrated test suite for testing LT & HT Capacitors)
- Motor Automatic Test(For All Ranges And Types Of Motors and Pumps)
- CT-PT Auto Test (Automatic CT and PT test set up)
- Intelligent Transformer Testing & Reporting Laboratory (For All Ranges And Types Of Transformer)
- Automated Low Voltage (LV) Tests Trolley for Transformer (to conduct winding resistance, insulation resistance, voltage ratio, vector test and magnetic balance automatically on single click)
- Transformer Auto Test(Up to 630KVA Transformer with two transformers at a time testing)
- Transformer Test Pro Software(for all meters data collection, calculation and report generation)
- Transformer Design Software – TDPro (to generate the immediate and accurate design of Transformer up to 5MVA / 36KV)
- Customized solution on different needs in Transformer & Motor testing.
- Cable Auto Test
- Intelligent Shunt Reactor Test Laboratory.
- Intelligent String Monitoring Box (SMB) / String Combiner Box (SCB) Testing & Reporting Laboratory
- Substation Switchyard Health Reporting System(For Mobile Automatic Testing of T/f, CVT/PT, Breakers, CT, Lighting Arrestor, Surge Arrestor, Isolator and Breakers)

Q-3. Any recent technological marvel which you would like to share with us and what are the recent projects nearing completion as on date?

Ans. Prolific, a leader in Indian Industry for providing test labs, aims to replicate the story in the overseas market. Development of Transformer Design Software that currently works for up to 5MVA / 36KV is a step towards meeting the requirement of the industry under one roof. With just single entry for rating (KVA / MVA), user can look forward to the complete design of Winding, Core, Tank. It gives bill of materials with cost in currency of user country. It has facility to print drawings viz., general arrangement, winding, tanks, terminal marking plate, rating plate etc. It also includes wound and amorphous core.

Also we have designed Fully integrated automated Moveable Low Votage Tests Trolley connects to a transformer, acquires on-line data from test instruments, prints report in full compliance with international standards such as IS, IEC, SABS & ANSI.

Currently Our company is into various projects like to setup the 3 nos. of automatic motor testing and reporting laboratory for CPRI, 5 nos. of motor testing laboratory for Marathon electric motors. Also motor testing laboratory for IOCL, Quartzlec Ltd UAE etc. Transformer testing laboratory for Sneda transformer Ghana, Federal transformer Oman, SGB My Malaysia, Phoenix Mecano pune etc.

Q-4. What are the prevailing market conditions for your sector and what are your forecasts for the same?

Ans. Over the past 70 years or so, India made significant progress in the development of the electrical and industrial sector both in terms of enhancing the manufacturing as well as in making end product available like power, infrastructure to widely distributed geographical boundaries. In order to meet the increasing demand, to fuel the economic growth of the country, large additions to the installed capacity and development of associated suppliers' network are required.

As manufacturing industry is poised for the growth in India, it faces the challenge of retaining the skilled manpower for functions viz., design, operations and testing. Managements all over the world look to standardize the operations, systemize the processes and look to automate the functions so that dependence on highly volatile job market is reduced substantially. Prolific's Automated & Comprehensive test laboratories for electrical equipments come as a "need of the hour" for manufacturers, repairers and utility companies.

Q-5. Can you share with us your success story and other strategic growth prospects for the future?

Ans. We continue to drive forward, offering new technology and solutions to increase the productivity, consistency, reliability and integrity of production and testing division of our valuable customers. Prolific successfully completed many projects for Transformer, Motor, Capacitor testing and reporting laboratory not only in India but also in North America, Europe, Middle east, South Africa, North Africa, Srilanka, Nepal, Bangladesh etc.

Prolific is committed to providing the highest quality solutions for testing laboratory, competitively priced, with services exceeding our customers' expectations. We will continue to invest in facilities, systems and highly trained technical personnel providing added-value to our business relationships.