

VAPI GREEN ENVIRO LTD

Center of Excellence

Terms of Reference(ToR)

For

Conducting Detailed Study for Making Centre of Excellence (CoE- Vapi) Upgraded, Expanded and Financially Self Sustainable Organisation

Under

Public Private Partnership (PPP) Mode

Through

Build Own Operate (BOO) or Build Own Operate and Transfer(BOOT) Basis

VAPI GREEN ENVIRO LIMITED (VGEL), Non – Equity – Non-Profit entity, a Company registered under Companies Act 2013, based on co-operative principles with corporate culture of management, was formed with an objective of providing a Comprehensive Environment Management Program (CEMP) for the GIDC Vapi Industrial Estate.

CENTRE OF EXCELLENCE (CoE, Div of VGEL) is a multi-disciplinary fully computerized, State-of-Art Testing facility for Chemical, Instrumental and Microbiological analysis, Digital Library, Pilot plant/scale up facility and Convention Centre for Seminars & Conference as well as Video Conference facility located at Vapi, Gujarat.

CENTRE OF EXCELLENCE has the capabilities to conduct tests of Pharmaceutical & Cosmetic products, Ayurvedic product, Agro and Agro Chemical derivatives, Textiles-Dyes and Pigments, Chemicals & Intermediates, Food products, Water & Waste Water, Solid-Waste, Paper & Packaging Material, Metal analysis, Minerals and Petroleum products for physico-chemical parameters. COE has expertise in method development and validation as per ICH guideline. CoE offers the testing service for all the above products and use of pilot plant/scale up facility for its member units in and around Vapi region.

CENTRE OF EXCELLENCE has the most sophisticated Instruments for instrumental analysis like NMR, GC-MS, GC-HS, GC (with FID, ECD, NPD & FPD), HPLC (with UV & PDA), FTIR, ICP-OES, UV/VIS Spectrophotometer, Particle size Analyzer, HPTLC, TOC, DSC (Differential Scanning Calorimetric), TGA (Thermo gravimetric Analyser), IC (Ion Chromatography), Digital Library for reference books which is fully furnished with USP, BP, IP, EP, Merck-index, APHA, AOAC, ASTM and other reference books (more than 100 books), Pilot Plant and R&D Centre has good infrastructure for Reaction of Hydrogenation, Nitration,

Sulphonation, Acylation, Esterification, Condensation, Hydrolysis, Reduction, Saponification, Formulation etc,

CENTRE OF EXCELLENCE has Convention Centre for Seminars and Conference which having more than 150 seating capacity also Video Conference facility available up to 16 persons. Above all Facilities are available under one roof.

CENTRE OF EXCELLENCE is Approved by FDCA, Accredited by NABL ISO/IEC 17025:2005, Certified by ISO 9001:2015 Quality Management Systems.

Statement of Purpose

Hiring of reputed management consultant which could provide assistance on making Centre of Excellence (A division of Vapi Green Enviro Limited) Upgraded, Expanded and making it Financially Self Sustainable under Public-Private Partnership Mode through Build Own Operate (BOO) or Build Own Operate Transfer (BOOT) Basis.

Scope of Work – For making Centre of Excellence (A division of Vapi Green Enviro Limited) Upgraded, Expanded and making it Financially Self Sustainable, a detailed study is to be executed on the below mentioned points;

- **Studying the existing infrastructure services and facilities of Centre of Excellence**
 - Complete documented study of entire work procedure being followed at Centre of Excellence that is related to Testing Laboratory, Pilot Plant, Conventional Centre, Video Conferencing facilities available.
- **Suggest points of scope of improvement on existing setup that can do betterment of Centre of Excellence**

Based upon study, suggestion with practical inputs

- Scope of Improvement of upgradation of laboratory instrument, upgradation of Pilot Plant facilities, Technology upgradation in Conventional Centre and Video Conferencing room.
 - Procurement of New Laboratory Instruments, advance testing method
 - Betterment in Customer Service Satisfaction area
 - Technical Upgradation ; Qualifications and Skills of staff
 - Marketing and Business Development Methods for attracting more clients
- **Other Suggested Infrastructure and Services that can be adopted by Centre of Excellence for improvement of business**
 - Development of Knowledge Resource Centre, Training Centre, Skill Upgradation Centre
 - Vapi Based Sub-Center for Online Courses offered by IITs, IIMs, IGNOU, Other Distance Learning Courses offered by Leading Indian/International Universities, etc.

- Patent and Copy Rights Protection and Intellectual Properties Protection and facilitating Services Center;
- Pollution Prevention and Cleaner Technology Promotion Center,
- Industrial Costing and Pricing and Economic Process and Products Development Center;
- Energy and Resources Efficiency Promotion Center
- Industrial Application oriented R & D recognised by DSIR- DST- Govt of India/Gujarat.
- Industrial Automation Center.
- Consultancy Services in various Engineering, Finance and Management.
- Expansion of Geographical reach of CoE Services in and around Vapi.
- Any other Activities relevant to Industries in and around Vapi Region.

Documentation Work

Detailed report in soft format / hard format along with Power Point Presentation of study on existing infrastructure and services, proposed changes, upgradation or adoption of new trends in technology

Time Duration

To be completed within the stipulated time period as per mutual discussion at the time of executing the contract

Compensation

To be defined at your end based upon scope of work to be executed. This may be done through Public Private Partnership (PPP) Mode through Build Own and Operate (BOO) or Build Own Operate and Transfer (BOOT) basis.
