

Consulting Civil Engineer

Consulting Civil Engineers are those who practice engineering profession in the disciplines of

Topographic Surveying,

Geotechnical Investigation,

Plumbing and Sanitary,

Environmental engineering,

Ground Water Engineering,

Irrigation,

Civil and Structural engineering Design,

Project Design Consultancy,

Project Consultancy,

Quality Assurance and Quality Control,

Quantity survey and Costing,

Contracting and Contract Management,

Detailed Engineering,

Construction Engineering,

Construction Management,

Project Management,

Bridge Engineering,

Railway Engineering,

Highway Engineering,

Metro urban Transportation,

Airports Engineering,

Hydraulics and Water resources Engineering,

Water Supply and Treatment,

Sewage Disposal and Sewage Treatment,

Effluent Treatment,

Transportation and Traffic Engineering,

Many of us before we chose civil Engineering as career used to think "Engineering means Canals, Bridges, Dams". In other Words, Engineering means Civil Engineering.

Once we study this Royal Branch of Civil Engineering, we realize that Civil Engineering deals with much more than those we thought.

Civil Engineering offers vast scope for those who have simple logical thinking, basic grasping ability, Honesty, Integrity and Commitment to deliver.

Growth of our Country and Sustainability of Urban life apart from Irrigation, Water, Industrial production, Transport etc depend very much on Quality of civil engineers.

The Quality of Civil Engineers depends on how best they are utilized.

The utilization of engineers is enhanced by better quality engineering.

The quality evolves from nurturing the profession.

The profession is most sought after when it is valued.

The value is attained by delivery of Projects.

The projects can be delivered by professionalism, commitment, process and quality of resources.

All these qualities can be imbibed through continuing Professional development (CPD). Technological updates are also required for good Consulting Civil Engineers.

Quality resources will be available with growth of Consulting Profession.

Today the profession is suffering from unhealthy competition and inter-professional overlaps.

This can be overcome by proper procurement norms to be adopted by Government, Public sector, Quasi Government and Private sector bodies.

We must educate every one that money saved on Consulting engineer is fraction of the money lost by the stake holder.

Developer may gain by employing poor quality builder for short time.

Builder may gain by having low quality or under qualified Consultant by paying less.

Consultant may still make profit by diluting the service.

But ultimately the project is the victim and the end user of the project will suffer.

They stop believing the ability of Engineering and the Engineers' and thus affect the Profession in the long run.

While a fresh engineer is paid on an average 30k per month in IT and a fresh management graduate is paid 80k per month.

A fresh civil engineer is paid only 15k per month and Post graduate is paid only 30k PM.

This is not because the value of the civil engineer is less. It's because the Consulting engineer, Project manager and builder are paid less.

When we are paid less, we have to target to handle more volumes. When we take up Volumes our quality suffers and we are affecting the opportunity for fellow consultants. This becomes a vicious circle.

Hence Consulting engineer shall demand for minimum fee and pay good salary for his associates and provide better and comfortable working environment.

Thus he can attract better quality people in to the profession and that will enhance quality of engineers.

The good quality engineers will bring value to profession. The valued profession commands respect.

I call upon all the civil engineers to bring this respect to our profession.

Let us Unite.

Let us be Pure.

And Be passionate about our profession.

The steps I propose to achieve are

1. To bring all associations of Civil engineers in to one umbrella. Connect all civil engineers whose livelihood is Consulting service. And all those who support the Consulting Civil engineers viz., Software, Researchers, Academicians, technologists.
2. We have to use technology to achieve the objective. Cloud computing, Shareware, E-library, KPO, BPO etc are some Technologies.
3. Technical manuals, rationalized and Uniform procurement norms, Continuing Professional Development(CPD), Transparent engineering practices, Defining Professional services Service Line Agreement (SLAs), Purchase Order (PO) and Deliverables Templates, HR policies, Continuous technology upgrade, Engineers Bill, Public Relations, Consultancy development training are other policies.
4. Working in tandem with other related bodies like IIA, IEI, ICI, IAStructE, SEWC, COA, PSI, SEFI, CREDAI, BAI, CEAI to bring in legislations to rationalize laws related to construction industry, Regulatory bodies, Licensing, Bye Laws etc.
5. To brand Consulting Civil Engineers- the need, the advantage and the gain to nation because of good civil engineers.
6. Create and define role of civil engineers and consulting Civil Engineers.
7. To propose awards mainly for ACCE Members in different categories. To popularize these awards to encourage quality in service, Innovation, Reports (Design, Detailed Project Report(DPR), Progress) Management, Land Mark Project, Quality systems. Safety etc.

8. To create a Task force members with specific task of achieving these objectives.
9. To create Patrons who support the ACCEI annually and permanently. Create membership for Patrons.
10. To create Student chapters offering benefits of internships, Summer training, Projects, Placement and Workshops.
11. To create Database of Consulting Civil Engineers with their PQ being updated from time to time.
12. To update Code of Conduct for the members including recruitment, competition, mutual cooperation etc.
13. To work with Project Implementing Clients to have uniform procurement norms for consultants and Contractors.
14. To work with CREDAI to nurture the profession of Consulting Civil Engineers as multi disciplinary Consulting engineers for Design and Project Management.

I have many more plans. But I want to limit to these until we set action in place for these objectives.

I request all those who support this TASK FORCE Plan to confirm by mail and their interest area from points above at the earliest.

Address By:

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