

# Appendix – The Case Study Format

The factors to be considered at each stage are set out briefly below.



## Formulation of Need

- The cultural societal and physical ethos in which the project is to be carried out
- The history of the project, how did the perception of need arise?
- The decision-making structure – social, client, design management
- The human resources available – professional skills, research, available craft skills
- The physical, technical and economic resources available
- Sustainability requirements, energy sources, environmental impact
- Relevant research and development
- **The clear formulation of the need**



## The Creative Response – the Vision

### Contextual Constraints

- Establish relationships with client team and socially affected groups
- Selection of team with necessary professional competence, knowledge of natural laws

- Surveys of context – physical, climatic, topographical, materials, energy
- Legal requirements – planning permissions, legislation.
- Funding and value for investment, competition
- Programme requirements
- Health and safety issues
- **Summary of contextual items**

## **Effective Creativity**

- Interdisciplinary discussions
- “Brain storming” sessions
- Preparation of alternative imaginative schemes
- Programme for delivery
- **Selection of a preferred solution and its clear definition**



## **Delivery**

- Agreement and documentation of preferred solution – continuous reviews of delivery against aims – the design audit
- Definition of management team and process of delivery
- Selection of key designers, of contractors, sub-contractors, and specialists
- Definition of their roles
- Reference to interested third parties
- Agreement on financing – budget, cash flow, cost control procedures
- Agreement on delivery programme
- Agree contract procedures
- Assembly of project/product resources – skilled crafts, materials, equipment
- Agree quality management procedures – design, manufacture, construct
- Health and safety considerations

- Legal requirements and programme
- **Hand over to clients**



## **Performance in Practice**

- Reassessment of design brief
- Possible design development
- Social impact assessment
- Client/user satisfaction
- Economic performance
- Maintenance/operational factors
- **Experience to incorporate in future projects**

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