

Design and Procurement of River Craft

PAFA Consulting Engineers have been engaged in a number of projects involving river craft from concept outline through concept development, detailed design, procurement, project management, delivery and acceptance trials:

- Interface with clients' management, operations supervisors and operatives to develop new or improved design concepts;
- Development of concepts, concept drawings and specifications suitable for obtaining accurate fabrication quotations;
- Detailed design of novel mooring concepts that greatly enhance operational efficiency;

- Detailed design of the vessel structure for a ship builder;
- Organisation of EU-wide bidder pre-qualification, bid evaluation and award of contract;
- Project management of boat building activities including design and fabrication reviews with operatives and safety reviews throughout.

Projects have included building of a new vessel to modern safety requirements; advice regarding engineering effort and cost estimate to restore a dangerous vessel to good, safe working order and procurement of a floating office for a busy stretch of the Thames.

Summary

Concept development
Detailed design
Procurement
Project management

Clients include

Halcrow Group
Environment Agency, Thames Region
Environment Agency, Southern Region
Richards Drydock

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