

**Contract**

**between**

***LUL Nominee SSL Limited***

**and**

***CH2M HILL United Kingdom***

**for**

**Engineering Vehicles: Design & Supply of Materials**

**Volume 3 of 3 (in 3 Parts)**

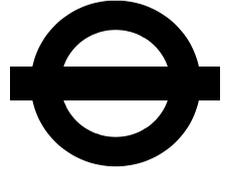
**containing**

**Contractor's information**

**February 2017**

**Contract Reference Number: PSEC0113/EVD&SM/1000**





# **Engineering Vehicles: Design & Supply of Materials**

**Volume 3 of 3**

**Contractor's information  
(Part 1 of 3)**



# Transport for London

## Engineering Vehicles: Design and Supply of Materials

### Executive Summary

CH2M is excited to have the opportunity to build on our successful relationship with TfL and London Underground and we are pleased to submit our tender for the Engineering Vehicles: Design and Supply of Materials contract.

Our submission has been put together to align with your instructions and provide a comprehensive response to your questions.

### Delivering your objectives

We have developed proposals that draw on our experience, lessons learned from previous projects on the London Underground network and our team of people, who have worked hard to put together a submission that will enable the new Thales Communications Based Train Control system to provide a robust and reliable service on the Metropolitan, Hammersmith and City, District and Circle lines.

To meet these objectives and deliver maximum value to your customers and stakeholders, we understand that you need a consultant partner who:

- Has a **proven ability** to deliver right first time installation design, material supply, fitment and testing based on our delivery of Thales' Transmission Based Train Control (TBTC) in-cab signalling on Engineers' Vehicles, and can therefore 'hit the ground running'

- Will work collaboratively with you as '**One Team**' - driving an approach that will ensure that the project operates with maximum efficiency – on time and to the highest quality
- Understands the design and procurement process required to **deliver to the programme** and meet the target date for complete system integration
- Has the **capacity and capability to deliver** all aspects of the installation design and supply of materials for each of the Engineers' Vehicle types.

### The capacity, creativity and passion to deliver

We have summarised key aspects of our offer which we believe will set us apart:

**Programme that meets your revised requirements** – we note your clarification and confirm that our programme has been developed to fully meet your revised milestones. This has been achieved using our knowledge and understanding of both the vehicles, and operating processes and procedures – strengthened by our modular design approach.

**Modular design packages** – to create efficiency in managing design variance between vehicle types and even within the same vehicles, our proposals draw on our experience of similar in-cab systems design and will enable our team to flex around packages of work and programme changes.

**Early start to materials procurement** – working with our key supply chain partner, LH Group, we have

identified opportunities for cost efficiency and innovation in the procurement process, however, we have also developed a list of key materials that we know will require an early start to procurement. We have commenced market testing to inform our design decisions and add value to the mobilisation process to ensure that we deliver to key programme milestones.

**Flexible resource to allow for peaks and troughs in workload** – we have a dedicated local team who are passionate about the opportunity to work on this project. They will use their relationships, strengthened by those of our key supply chain partner, LH Group, to really collaborate in the development of this project. This flexible, committed team is further strengthened by UK and global reach back to additional project management, design and engineering resource which will deliver best practice, innovative solutions to the project in this world-class city.

We trust that our flexible methodology and the proposals set out in this submission fully meet your requirements and welcome the chance to discuss these further with you following evaluation.

CH2M values the relationship we have with TfL and London Underground and the 4LM team are truly committed and passionate about working with you and your stakeholders to deliver this exciting project.

