

Meet the Contractor 2020

Contractor's Procurement Packages

	Package Details	JVs
1	<p><u>Mechanical, Electrical and Plumbing (MEP)</u></p> <ul style="list-style-type: none"> • MEP Temporary Services • Prefabrication of Skids, Horizontal Modules • Prefabrication Vertical Risers and Services • Electrical services • Ground Source Heating & Cooling System • Mechanical Services • Water System Commissioning • HVAC system and implementation • BMS, SCADA, EMS system and implementation • IT and Telecommunication services • PAVA equipment supply • Commissioning Management 	BBVS / Mace Dragados
2	<p><u>Drainage</u></p> <ul style="list-style-type: none"> • Drainage works and installation • Drainage system design • Invert drainage pipes and fittings • Pumped Drainage stations 	Align / BBV / EKFB
3	<p><u>Environmental</u></p> <ul style="list-style-type: none"> • Aquatic Ecology activities • Arboricultural (Tree, pruning & Removal) • De-vegetation • Ecology • Habitat creation • Landscaping (Hard/Soft/Planting/Urban Realm) • Environmental Surveying Services • Environmental Waste Disposal 	Align / BBV / BBVS / EKFB / Mace Dragados / SCS
4	<p><u>Fencing</u></p> <ul style="list-style-type: none"> • Acoustic barriers • Fencing – temporary site requirements • Fencing – permanent • Highway Safety Barriers – permanent 	Align / BBV / EKFB / SCS
5	<p><u>General Civils/Earthworks</u></p> <ul style="list-style-type: none"> • Civils Labour Frameworks • Compounds • Concrete Cutting & Breaking • Demolition 	Align / BBV / BBVS / EKFB / Mace Dragados

	<ul style="list-style-type: none"> • Earthworks • Fit Out Works • General site civils works • Ground Remediation • Trial pitting/intrusive survey 	
6	<p><u>Ground Engineering</u></p> <ul style="list-style-type: none"> • Ground Investigation • Dewatering (Pump Test) • Ground Source Heat Pumps • Microboring • Tag & Trace • Temporary Ground Support 	BBV / BBVS / EKFB / Mace Dragados
7	<p><u>Materials</u></p> <ul style="list-style-type: none"> • Aggregates (Imported Fill) • Bearings (supply) • Brickwork & Blockwork - Internal • Bridge Bearings • Cladding – Brick/Metal/Timber • Earthworks Equipment (Purchase) • Fixings / fasteners • Lattice girder • Timber supply • Metal Doors & Ironmongery • Handrails & Balustrades • Staircases - permanent • Painting - Specialist Coatings • Precast Beams • Precast Concrete • Ready Mixed Concrete • Reinforcement (Steel, Bar/Cages) • Segmental Viaduct Casting Cells • Structural Steel 	Align / BBV / EKFB / SCS
8	<p><u>Plant and Tool Hire</u></p> <ul style="list-style-type: none"> • Lighting towers • Mobile and tower Cranes • Power tools • Plant Hire Frameworks • Pumping equipment (Platforms for pumps / substations) • Safety Boats • Tunneling Plant 	Align / BBV / EKFB / SCS
9	<p><u>Preliminaries & Temporary Works</u></p> <ul style="list-style-type: none"> • Asbestos Removal 	Align / BBV / BBVS / EKFB / Mace Dragados / SCS

- Asbestos Surveys
- Design of Temporary Works
- Instrumentation and Monitoring
- Temporary Lifts
- Materials testing and sampling
- Modular Site Buildings
- On-site Laboratory Buildings
- PPE
- Preliminary Test Piles
- Scaffolding and Access
- Temporary Bridges
- Temporary Hoarding
- Multi Service Vehicles (MSV's)

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Site Services

- Bromford Existing Pier Assessment
- Compound Security
- CCTV Equipment
- Facilities Management
- Fleet Vehicles
- Fuel
- HSEQ response service
- IT equipment - supply & management
- Laundering services
- Logistics
- Occupational Health
- Road Rail Access Points (RRAP)
- Site Access Solution
- Site Catering
- Site Signage
- Traffic Management
- Vehicle Management System (VMS)
- Waste Management Services (WMS)

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Structures

- Box Slides (alternative off-line installation method)
- Cofferdam
- Culverts
- Expansion Joints
- Footpaths / street design and build
- Formwork, Reinforcement and Concrete
- FRC Base Slab
- Metalwork
- Overbridge construction

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	<ul style="list-style-type: none"> • Piling and Dwalls for retained structures • Post Tensioning • Roofing • Sheet Piling • Structural Strengthening • Structures Equipment • Walkway systems • Viaducts • Waterproofing 	
12	<p><u>Support for Detailed Design</u></p> <ul style="list-style-type: none"> • Specialist Detail Design Consultants • Specialist consultancies with Network Rail/London Underground experience • MEP Detailed Design 	BBV / BBVS / Mace Dragados / SCS
13	<p><u>Tunneling</u></p> <ul style="list-style-type: none"> • Cutter Disk for Tunnel Boring Machine • Fire Protection equipment • Oils & Greases – Tunnel Boring Machine • Pipes & Fittings – Tunnel Boring Machine (Slurry, air, water) • Tunnel Boring Machine excavation • Tunnel Gas Detection System • Tunneling Labour Framework • Tunnel Segments and Moulds • Tunnel Sprayed Concrete Lining • Specific Tunneling equipment (Refuge chambers, Hyperbaric chambers) • Tunnel utilities brackets (wall hangers) • Tunnel Walkways • Tunnel Walkway/Brackets - temporary • Tunnel waterproofing 	Align / BBV / Mace Dragados / SCS
14	<p><u>Utilities & Supplies</u></p> <ul style="list-style-type: none"> • Buried Services Co-ordination • Fuel supply, storage & management • Temporary Buildings for utilities • Sewer Surveys (Including physical coring works) • Temporary services - power • Temporary services - water • Utility Connections • Utilities Design & Construction • Utility Diversions 	Align / BBV / BBVS / EKFB / Mace Dragados / SCS