



Department for
Business & Trade

Steel Public Procurement 2023

Compliance with the steel procurement guidance (PPN 11/16)

July 2023

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Departmental breakdown of steel procured for FY 21/22

This report contains data collated by DBT on the amount steel procured for Government's major infrastructure projects in 2021/22, including what proportion is UK-produced. This does not cover spending by devolved administrations. Returns are self-declared, and DBT is reliant on Government Departments and their Arm's Length Bodies and contractors for the quality and completeness of the data provided. We are aware there are challenges in collecting this data.

This is the fifth year of this publication. Data completeness has improved vastly, and the results from this year's publication show the following:

- A complete dataset based on returns from 10 organisations, where:
 - A total of 91 projects were reported.
 - All projects specified the value of their steel requirements (totalling £603m).
 - All projects specified the volume of their steel requirements (in tonnage or alternative units).

There are limitations:

- Insights from this publication are based on the set of returns provided by Government Departments in relation to projects they deemed within the scope of PPN 11/16.

DBT is committed to continue to work closely with Departments and their Arm's-Length Bodies to improve the quality of the information that they are able to provide us.

National Highways

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
A1 Scotswood to North Brunton	Lighting Columns	56		£569,230	All	100%
	Steel Sheet Piles	2936		£20,453,400	All	0%
	Gantries	64		£160,000	Part	80%
	Cantilever	13		£37,120	All	100%
A46 Coventry Junctions Binley (OFT)	Lighting Columns	14		£144,300	All	0%
A47 Guyhirn Junction (OFT)	Steel Sheet Piles	249		£1,736,900	All	100%
M25 Junction 25	Lighting Columns	11		£111,965	All	80%
	Structural Steel	248		£371,938	All	100%
M4 Junctions 3-12	Lighting Columns	17		£177,150	All	80%
	Steel Sheet Piles	9177		£63,930,900	All	75%

	Structural Steel	1272		£1,908,628	All	100%
	Gantries	606		£1,514,985	Part	75%
	Cantilever	135		£392,099	All	100%
M56 Junctions 6-8	Lighting Columns	4		£37,578	All	100%
	Gantries	61		£151,498	Part	70%
	Cantilever	7		£20,300	All	100%
M6 Junctions 21a-26	Lighting Columns	17		£172,070	All	100%
	Steel Sheet Piles	628		£4,373,137	All	100%
	Gantries	242		£604,495	Part	60%
	Cantilever	48		£140,152	All	100%
M1 Junctions 13-19	Lighting Columns	4		£39,129	All	100%
	Steel Sheet Piles	12618		£87,903,200	All	100%
	Gantries	273		£681,743	Part	75%
	Cantilever	103		£299,793	All	100%
M621	Structural Steel	3450		£5,175	All	100%

	Gantries	339		£508,500	All	100%
	Steel Sheet Piles	1300		£1,430,000	All	100%
A1 Birtley to Coalhouse	Structural Steel	1300		£1,800,208	All	100%
	Steel Sheet Piles	544		£7,032,596	All	0%

As highlighted last year Smart Motorways schemes were paused to ensure a full 5 years of data after transport select committee findings. These scheme dates haven't been replanned yet so there will be movement to the right or stop depending on outcome of data findings.

Category Management are working with the supplier community which includes the likes of Tata Steel, British Steel to provide updates throughout the year of changes to schemes or requirements. NH are also working with the steel community on country of origin going forward to help support our Net Zero Road map for Steel materials.

Network Rail

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
Track Renewals	Steel Rail	98514		£87,831,902	Part	92%

High Speed 2

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
BBV - HS2 Area North	Reinforcement Bar	8000		£8,284,819	All	100%
Align - HS2 Section C1	Reinforcement - Shafts	6492		£6,492,000	Part	0%
	Reinforcement - Tunnel Segment Cages (prefab cages)	4650		£4,159,755	Part	0%
	Steel Sections - Jetty Steelwork	4700		£5,000,000	All	100%
	Steel Sections - Causeway Steelwork	700		£515,000	All	100%
	Tubular piles - Jetty	4700		£3,243,000	Part	0%
	Steel Sections - Cofferdam Steelwork	443		£856,000	All	100%

	Steel Sections - Cofferdam Sheet Piling		30250m2	£3,270,000	Part	0%
	Steel Sections - Launching Girder Supports	415		£746,000	Part	0%
	Steel Pipework - Temporary Utility Services to tunnels	2093		£2,859,967	Part	0%
	Sections Steel - Rebar lifting beams and racks	132		£259,000	Part	0%
	Sections Steel - Segment Storage frames	118		£292,000	All	100%
	Sections Steel - Precast casting cells	797		£1,768,000	Part	0%
EKFB - HS2 Section C23	ViaDucts Weathered Steelwork	5479		£4,438,442	None	0%

	Overbridges Weathered Steelwork	3778		£3,394,228	None	0%
	Overbridges Weathered Steelwork - T2G section	3475		£4,565,107	None	0%
	Overbridges Weathered Steelwork - NCA/AA/C/G2 S sections	2810		£3,202,762	None	0%
	PRA Steelwork	900		£2,165,000	None	0%
	Rebar	1000		£873,532	All	75%
MD - HS2 Euston Station	Reinforcing Bar Byrne Bros TSS	525		£669,375	Part	10%
	Reinforcing Bar Keltbray	170		£141,950	All	100%
	Sections Keltbray	95		£114,000	All	100%
	Reinforcing Bar Cementation	189		£207,900	All	100%

	Other Bars and Rods Cementation	193		£386,000	None	0%
SCS - HS2 Area South	Sheet Steel Piling	3614		£5,421,000	None	0%
	Cut & Bent Rebar (Supply Only)	7059		£5,059,884	All	90%
	Cut & Bent (Piling)	44947		£41,331,341	All	90%
	Steel Rolled Section	2598		£9,825,626	All	85%
	Steel Plate	2151		£8,019,229	Part	25%
BBVS - Old Oak Common Station	Rebar	225		£300,661	All	45%
	Sheet Piling	116		£231,200	None	0%

Nuclear Decommissioning Authority

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
Dounreay - DCP Store Extension	Rebar	266		£215,969	All	100%

Magnox - 6M3 Concrete Boxes	Steel Rebar, Casings, Twistlocks etc.	1350		£945,000	Part	50%
Magnox - Drum Liners incl 6M3 furniture	Mild Steel plate	1200		£840,000	Part	50%
Sellafield - SCP	All Steelwork	2366		£10,170,000	Part	82%
Sellafield - SRP	All Steelwork	2977		£17,670,000	Part	60%
Sellafield - 3m3 Box Supply Programme - Tranche A	Plate - Duplex Stainless Steel (ASTM Ref: 2205)	5306		£37,000,000	None	0%
Sellafield - Hybrid 2 63 Can Racks	304l Bar, 316l Pipe, 304 l Sheet, FE520 B	1534		£3,018,767	Part	10%
Sellafield - HISSC (High Integrity Stainless Steel Containers)	316L (1.4404) Sheet, 304L (1.4307) Flat Bar, 304L (1.4307) Plate, Mild Steel Round Bar, 3CR12 (1.4003) Plate, CR4 (DC01) Sheet Coil, 304L (1.4307) Sheet, CR1	253		£1,101,000	None	0%

	(DC05) Sheet, CR1 (DC06) Sheet.					
Sellafield - PFCS - Robot Base Plate	Plate	1		£13,277	All	0%
Sellafield - PFCS - Import Area Handrail	Sections	1		£5,565	All	0%
Sellafield - PFCS - Jib Crane Plate	Plate	1		£13,277	All	0%
Sellafield - PFCS - Access Stairs and Platform	Sections	5		£49,885	Part	30%
Sellafield - PFCS - B41.2 Shielded Frames	Sections	1		£12,886	All	0%
Sellafield - Box Encapsulation Plant (BEP)	Secondary Steel		246Te	£319,800	Part	50%
	Durbar		175m2	£35,916	Part	50%
	Handrail/Kickplate		42m	£6,160	Part	50%
	Rebar	78		£58,191	All	100%
	Tertiary Steel	3800		£23,000	All	100%
	Tertiary Steel	1000		£2,500	Part	50%
	Platforms	11000		£27,500	All	100%

Sellafield - CNC OU	Plate	29		£62,000	All	100%
	Sections	323		£480,000	Part	95%
LLWR Waste Management Services - 'ISO IP-2 Containers and associated equipment	Mild steel 275 (laser cut profiles)	112		£349,823	All	100%
	Mild steel 275 (Sheered blanks)					
	High Yield 355 (profiles)					
	High Yield 355 (Sheered blanks)					
	Sections 355					
	Sections 275					
	CR12 (laser cut & pressed profiles)					
	S355MC (laser cut & pressed profiles)					
LLWR Waste Management Services - IP-2 210 L Drums	BS EN 10130 DC01 Cold rolled carbon steel	110		£100,650	All	100%

UK Research and Innovation

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
Extreme Photonics Applications Centre	Rebar	1,008		£1,571,493	All	100%
	Plate	7		£26,786	Part	60%
	Sections	268		£605,906	All	100%
National Satellite Test Facility	Sections		1 item	£26,014	All	100%
	Platform		1 item	£11,880	All	100%
	Fixtures & fittings (steps, ladders, bollards)		1 item	£25,980	All	100%
National Quantum Computing Centre	Reinforcement ; mild steel	77		£160,718	All	100%
	Reinforcement ; stainless steel	28		£211,063	None	0%
	Columns 40-100	70		£179,672	All	100%
	Beams < 40	14		£32,829	All	100%

	Beams < 40 Built Up	2		£5,336	All	100%
	Tee Beams < 40	5		£16,361	All	100%
	Beams < 40 Hollow	2		£5,295	All	100%
	Beams < 40 Hollow Built Up	10		£25,782	All	100%
	Beams 40-100	17		£37,401	All	100%
	Beams 40-100 Built Up	26		£53,206	All	100%
	Beams 40-100 Hollow	1		£3,706	All	100%
	Beams 40-100 Hollow Built Up	37		£103,449	All	100%
	Beams > 100	10		£22,306	All	100%
	Beams > 100 Built Up	45		£101,893	All	100%
	Beams > 100 Hollow Built Up	10		£30,181	All	100%

	Bracings < 40 Hollow	6		£21,330	All	100%
	Bracings 40-100 Hollow	3		£7,450	All	100%
	Lower Parapet Rails < 40 PFC	5		£15,633	All	100%
	Upper Parapet Rails < 40 PFC	4		£13,096	All	100%

Environmental Agency

Avonmouth Severnside Enterprise Area (ASEA) Ecology Mitigation and Flood Defence Project	Sheet Piles	4375		£2,965,359	None	0%
	Reinforcement	200		£208,369	All	100%
	Tubular Piles	118		£106,080	None	0%
	Structural Sections	17		£21,585	All	100%
Boston Barrage-Barrier Works	Sheet Piles	3512		£7,025,159	None	0%
	Reinforcement	7383		£2,856,552	All	100%
	Tubular Piles	1639		£1,291,491	None	0%
	Structural Sections	450		£427,162	All	100%

Leeds FAS Phase 2	Sheet Piles	5274		£4,541,466	None	0%
	Reinforcement	473		£1,177,444	All	100%
	Tubular Piles	416		£406,780	None	0%
	Structural Sections	83		£3,118,288	All	100%
River Tame, Bromford and Castle Vale FRMS	Sheet Pile AZ26-700-0.5,	33		£47,063	None	0%
	Cut, bend, bundle & label reinforcing steel	10		£11,502	All	100%
Colwick Fish Pass (Holme Sluices)	Sheet Pile	199		£244,110	None	0%
	Cut, bend, bundle & label reinforcing steel	304		£215,748	All	100%
Ouse Washes Reservoir Section 10 Works	Cut, bend, bundle & label reinforcing steel	4		£5,055	All	100%
Upper Framilode Flood Alleviation Scheme	Sheet Pile GU28	79		£86,118	None	0%
	Bar Reinforcement	25		£22,089	All	100%

Isle of Axholme, Keadby Pumping Station Improvements	Misc Metalwork handrails & steps etc	1		£3,080	All	50%
	River Fender Steelwork	35		£53,000	All	20%
	Open mesh decking	12		£38,000	All	100%
Holderness Drain FAS	Fencing	19		£31,680	All	100%
	Reinforcement	655		£720,521	Part	75%
	MEICA Elements	121		£199,568	Part	25%
	Access Metalwork	78		£128,700	Part	75%
	Access Furniture	7		£11,468	Part	50%
	Piles	718		£1,185,134	None	0%
Great Yarmouth Flood Defences – Epoch 2 – 2016 to 2021	Plate	98		£147,658	Part	75%
	Rebar	46		£50,504	Part	50%
	Piles	405		£540,635	None	0%
	Sections	80		£126,214	Part	75%
Par - St Blazey	Rebar	6		£8,158	All	1%

	Sheet Piles	790		£698,917	All	0%
	Mesh Rebar	25		£37,085	All	100%
Kendal Appraisal Package Kendal FRM Scheme	Rebar	41		£39,255	Part	50%
	Rebar Stainless Steel	3		£6,600	Part	50%
	Plate	108		£85,557	None	0%
Penketh and Whittle FRMS	Rebar	9		£7,740	Part	50%
	Plate	114		£159,939	None	0%
Skirting Beck, Egremont	Rebar	19		£14,931	Part	50%
	Mesh	3		£2,700	Part	50%
Mytholmroyd Flood Alleviation Scheme	Rebar	8		£5,467	Part	50%

Ministry of Justice

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
Temporary accommodation	Flat section coils	924		£1,521,904	All	30%
New prisons	Reinforcement	2329		£2,212,550	All	21%

	Structural Steel	1029		£1,749,300	All	100%
	Steel Windows & Doors	170		£238,000	All	100%
	Metal Barriers and Sundry items	250		£350,000	All	100%
	Grilles Gates & Security Metal Work	240		£288,000	All	100%
	Security Fencing	755		£981,500	All	100%
	Metal Roofing and Cladding	167		£233,800	All	100%
	MEP	400		£480,000	All	100%

Department of Education

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
'The Bay IOW	Steel Plate	3		£34,258	All	100%
	Steel Sections	2		£23,370	All	100%

North Lincs SEND	Rebar	108		£135,355	All	100%
	Steel Plate	45		£90,020	Part	90%
	Steel Sections	15		£35,300	Part	90%
Oasis Silvertown	Rebar	126		£88,000	All	100%
	Steel Sections	30		£33,000	All	100%
	Steel fencing	15		£85,000	All	100%
'Salmons Brook	Steel Plate	120		£155,000	All	100%
	Steel Sections	57		£45,000	None	0%
	Steel fencing	21		£48,000	Part	80%
The Douay Martyrs	Rebar	11		£14,000	All	100%
	Steel Plate	35		£60,000	All	100%
	Steel fencing	2		£4,000	All	100%
Summerdown	Rebar	222		£250,000	None	0%
	Steel Plate	240		£277,500	Part	15%
	Steel Sections	45		£86,000	None	0%
	Steel fencing	25		£70,000	All	100%
The John Henry Newman	Hot Rolled	82		£90,200	All	100%
	Cold Rolled	40		£48,000	All	100%

	Bar Reinforcement	10		£11,000	All	100%
	Fabric Reinforcement	19		£19,000	All	100%
	Flat Plate Steel	6		£7,800	All	100%
Edgar Wood Academy	Hot rolled, colled rolled, rebar, flat, structural	470		£418,250	All	100%
Lytham St Anne's (MMC)	Hot rolled, fabric, flat, structural	237		£194,061	All	100%
Littleborough (MMC)	Hot rolled, fabric, flat, structural	128		£139,352	Part	45%
Whitworth (MMC)	Hot rolled, colled rolled, fabric, structural	320		£400,000	All	100%
Harlington	Structural steel	538		£663,270	All	100%
	Bar reinforcement (piles)	32		£25,600	All	100%
	Bar reinforcement	65		£48,750	All	100%

	(foundations/slab)					
BOA Digital	Bar Reinforcement	60		£44,000	Part	70%
	Coil Reinforcement	37		£27,000	Part	80%
	Structural Steel	533		£639,000	Part	50%
	Cold Rolled	45		£76,000	Part	60%
Wren Academy	Structural Steel	588		£882,150	Part	32%
One Degree Academy	Structural Steel	212		£318,000	Part	30%
Brentwood County High	Structural Steel	243		£364,500	Part	30%
Astley Cooper	Structural Steel	220		£330,000	Part	30%
Saracens	Structural Steel	494		£740,295	Part	30%
Exmouth Community College	Hot rolled - open sections	185		£190,753	All	100%
	Hot rolled - hollow sections	33		£50,345	All	100%

	Cold rolled - purlins and cladding rails	16		£26,500	All	100%
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National Health Service

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
Emergency Department and Acute Care Redevelopment	Structural frame	437		£570,487	All	100%
Emergency Department and Acute Care Redevelopment Walsall Healthcare NHS Trust	Structural	431		£257,000	All	100%
Paterson Redevelopment Project	Rebar - Substructure & frame	2855		£2,084,150	None	0%
Dyson Centre	70T (rebar foundations/G F Slab)	750		£858,346	All	100%
CSDP Phase 2	Steel Frame & Rebar	429		£708,531	All	61%

Camden & Islington Mental Health Facility	Rebar & Structural	230		£230,000	All	100%
RBH, WCEC and Supplementary Projects	Rebar	2339		£2,050,434	All	100%
Ambulatory Care and Diagnostics Centre Building	Rebar - Frame	1494		£1,090,620	All	100%
Project RED	Structural Steel	427		£683,200	Part	44%
Low Secure Learning Disability Unit	Structural Steel	973		£758,000	All	100%
Salford Acute Receiving Centre	Rebar, Structural	675		£780,963	All	100%
Royal Oldham Hospital Phase 4a Works	Structural	428		£846,585	All	100%
Transformation of Emergency and Urgent Care, Scarborough General Hospital	Rebar, hot rolled, cold rolled.	742		£1,488,901	All	50%

Ministry of Defence

Project	Type of Steel Required	Tonnage (in full tonnes)	Alternative units	Value of Steel (£)	Can all, part or none of this steel be produced in the UK?	Percentage of 'Value of Steel' bought from UK producers
Type 31	Plate	15555		£37,060,000	None	0%
	Bulb bar	1464		£3,488,000	All	0%
	Sections	1281		£3,052,000	All	0%
Type 26	Plate	244		£465,498	Part	25%
Submersible Ship Nuclear (Replacement) - SSNR	Forgings	113		£10,200,000	All	100%
Vehicle Storage Support Programme	Sections	2654		£3,715,600	All	10%
	Reinforcement	50		£55,000	All	100%
Little Rissington	Sections	11		£36,345	All	100%

Evidence from departments and their arm's length bodies on how they, and their contractors, have complied with the steel procurement guidance.

National Highways

1. Collaborative Delivery Framework (CDF) Clause Z63, Subcontracting and Steel Purchasing covers the requirements of the PPN.
2. Works information for scheme project management includes the requirements for RQSC qualified contractors to be selected to ensure levels of safety, suitability and fitness for purpose.
3. Upcoming scheme requirements are shared with subcontractors at regular intervals by category management with the supply community.
4. The new Regional Delivery Partner procurement has clauses entitled S1210 Acceptance procedure, where it's contractually required the 'Supplier' (Contractor) must advertise any subcontract in accordance with Procurement Policy Note 11/16
5. Development of a new reporting tool (expected 2024/5) for scheme requirements has been developed for future use, current testing going on and joint approach with our carbon too.

Network Rail

Network Rail works closely with its three contracted rail suppliers to provide as much notice of volume requirements as possible, this includes making annual commitments to volumes to allow the suppliers to plan their business to meet the needs of Network Rail.

Network Rail base supplier volume allocations on a balance of quality, cost and risk, assessing supply chain capability on an as-delivered basis.

High Speed Two

HS2 presents an opportunity for the UK steel industry to benefit and grow. To support UK industry, HS2 Ltd has adopted a number of initiatives in line with Procurement Policy Notice 11/16 (Procuring steel in major projects), including:

- A quarterly steel procurement pipeline, including a list of upcoming opportunities and appointed tier 2 steel suppliers/fabricators, shared with industry (UK Steel, the British Constructional Steelwork Association and the British Association of Reinforcement);
- A requirement for contractors to transparently advertise opportunities for steel providers;
- Ongoing dialogue with Tier 1 contractor procurement teams and production and monitoring of annual data on the levels of UK-produced steel used;
- A HS2 contract requirement for contractors to comply with the latest steel PPN and ensure UK steel companies can compete on a level playing field.

- Engagement with industry on broader social and environmental factors including decarbonisation roadmaps, aligned with HS2 Ltd's target to specify and procure steel with 50% lower carbon emissions associated with production by 2030.

Nuclear Decommissioning Authority

1. Programme and Project Partner (PPP) does include steel, the immediate need has been on the Sellafield SIXEP Continuity Plant (SCP) and Sellafield Product and Residue Store Retreatment Plant (SRP) projects. The procurements were planned and were advertised to the market. For future steel demand on PPP projects, the Sellafield Ltd Client team are assuring and governing the awards, which will be made through the Multi Project Procurement Framework – KDP 2 Steelwork.
2. For major procurement projects where steel is a critical component – use of the Sellafield Limited ITT Selection Question 8.3 (a) – ‘Please describe the supply chain management systems, policies, standards and procedures you currently have in place to ensure robust supply chain management’.
3. For major procurement projects where steel is a critical component – use of the Sellafield Limited ITT Selection Question 8.3 (b) – ‘Please provide details of previous similar projects where you have demonstrated a high level of competency and effectiveness in managing of all supply chain members involved in steel supply or production so that there was a sustainable and safe supply of steel’.
4. Where steel is being procured and irrespective of quantity or value; specific questions have been added to the Selection Questionnaire to ensure that Contractors comply with PPN 11/16 on Steel Procurement. These questions focus particularly on Health & Safety which is scored as a pass/fail and includes Counterfeit, Fraudulent and Suspect Items (CFSI) questions considering the quality of the Steel. This assessment has been carried out on the Dounreay Cementation Plant (DCP) Cementation Plant Procurement.
5. As standard, the Commercial Team seek technical experts across the Dounreay site to identify the appropriate weighting between Commercial and Technical scoring. Best and final offers and final tender submissions are based on the whole life cost of the proposed Contract.
6. The PPN 11/16 guidelines have been shared with the Support Directorate. The Commercial Team will ensure that quality checks have been incorporated into all future project pipeline specifications, referencing the standards set out by PPN 11/16 and Lessons Learnt.

Environmental Agency

1. Pipeline Requirement

- A 6 year forward projection (The 6 Year Plan) of the FCRM Capital portfolio is constructed each year. It provides a basis for forward strategic planning around the portfolio and will increasingly inform engagement and planning with our supply chain. Due to the dynamic nature of the portfolio the forecasts within the 6-year plan do change.

2. Effective pre-procurement engagement

- Early Supplier Engagement (ESE), particularly during the design phase - Under the Collaborative Delivery Framework (CDF) – supports early evaluation and indications of materials requirements, which in turn facilitates engagement by our suppliers with key providers including the steel industry. Through collaborative working with our frameworks, we aim to establish a diverse and sustainable supply chain.

Delivery Partner duties:

- Encourages active participation from sub-contractors in the Collaborative Delivery Team (CDT) to deliver timely best value sustainable solutions;
- Develops long term relationships with their supply chain to maximise benefits for the CDT;
- Use sustainability, quality and price criteria when selecting sub-contractors;
- Incorporate relevant Client requirements, in any sub-contracts;

3. Supply chain transparency and advertising supply chain opportunities

- The Delivery Partner is asked to ensure that supply chain opportunities are inclusive and accessible to SMEs, VCSE organisations and under-represented groups of suppliers.
- The Delivery Partner is asked to identify barriers for these organisations and work actively to remove them, ensuring equal opportunities to compete.
- The Delivery Partners are expected to submit an end of year report detailing usage of SME, VCSE and under-represented organisations.
- The Contracts Finder website shall be used to advertise any sub-contracting opportunities outside their established supply chain.
- The use of other specialist frameworks (for example frameworks created by Defra Group Commercial or Crown Commercial Services) can be considered by the CDT. In the event of appropriate services being identified, the Client or Delivery Partners may enter into arrangements with these alternative specialists.

4. Ensuring value for money is calculated on a whole life cost basis

- Project solutions are selected following a rigorous project appraisal process which uses whole life costing and benefits to compare options and select chosen solutions.
- At framework level, defining our requirements via a Minimum Technical Requirement (MTR) resulting in a greater clarity prior to the procurement process to reduce procurement timescales. Compliance monitored via commercial assurance work.

- Client Set Target Costs
 - Specifications to clearly articulate the whole life costing requirements in performance criteria, outcome measures and scope.
5. Evaluating social and environmental benefits and impacts.
- All suppliers have Quality Management Systems and hold ISO 9001, as well as Environmental Management Systems and hold ISO 14001.
 - Steel piles will be specified and sourced from within the marketplace in accordance with certain criteria (MTR)
 1. The tolerances for manufacture of steel sheet piles shall be in accordance with EN10249 Part 2-Pile clutches shall allow adjacent piles to interlock freely.
 2. The design and fabrication of steel for walings, tie rods, fittings etc, shall conform to Eurocode 3.
 3. Steel used shall have a high recycled content. As a minimum this should be 70%, but higher recycled content rates are expected.
 4. If environmentally friendly coatings are available these shall be used unless a deviation is accepted by the Project Manager.
 5. The steel supply chain used shall be accredited and in line with the Social Accountability International standard SA8000:2004 or equivalent standard.
 6. Contractors must demonstrate that life cycle sustainability impacts have been considered and minimised in the purchase of steel. Credible evidence must be obtained which demonstrates sustainability and traceability through the supply chain.
 7. Contractors should work with steel suppliers to develop solutions that use less steel without compromising strength and quality or increased cost, including options for corrosion resistance.
 - The Carbon calculator includes the carbon footprint criteria for construction materials.
 - Project solutions are selected following a rigorous project appraisal which includes Environmental Impact Assessment.

Ministry of Justice

1. As part of the tender evaluation process for projects within the New Capacity Portfolio, the MoJ requires design and build constructors to provide a draft supply chain tender strategy that includes their approaches to ensuring a number of key requirements are delivered through their engagement and contracting arrangement with suppliers and sub-contractors. These requirements include but are not limited to: compliance with H&S legislation and policies; Quality assurance processes; environmental and sustainability; implementation of a social charter that includes the optimisation of the use of SMEs; prisoner and ex offender employment opportunities; apprenticeship opportunities; along with reporting against these requirements during the life of the contract.
2. Through the initial design stage of the Five Wells and Fosse Way projects there has been a number of 'meet the buyer' events, the purpose of which is to provide local suppliers early notification of the project and the project timeline so that they informed and can register

their interest in tendering for supply chain opportunities within the project. A 'Bravo solutions' procurement portal has been specifically set up for these projects by the constructors to enable the MoJ transparency of the supply chain tendering processes allowing it to monitor quality of tender enquiries and responses to confirm that the tier 1 contractor has flowed down adherence to HM Govt. requirements in terms of sustainability; social and labour law requirements; health and safety etc. to their supply chain. This process will be replicated on future projects within the New Capacity Portfolio.

3. On the Five Wells and Fosse Way new prison projects, there has been intensive early engagement between the design and build constructor; British Steel and Tata to enable the constructor to understand the full range of products that are available to ensure the design of the project incorporates 'off the shelf' steel products. The design for the project is then being developed to include standardised products that can be supplied by local distributors and suppliers within the UK.

Department of Education

1. The 2021 DfE Construction Framework was procured during 2020 and 2021 and came into operation on 27 November 2021. As part of the procurement process, best practice in pre-procurement market engagement was applied:

- PIN notice was issued to the market providing relevant details of the procurement and urging interested parties to register interest.
- Two market engagement days were held online due to the COVID-19 Virus. – in July 2020 and early December 2020.
- Three significantly detailed online surveys were issued to the market in December 2019, April 2020 and July 2020 which sought the market view of structure, characteristics, and other details of the market as part of the review and discussion in determining what the new Framework would look like.

2. The economic and financial standing of bidders was assessed during the procurement process of the DfE Construction Framework 2021. Suppliers appointed to the framework were deemed to have satisfied the minimum requirements set out in the tender documentation published. On appointment to the framework the financial health and risk of a suppliers is subject to routine monitoring across of number of indicators and ratios, which includes the use of the [Financial Viability Risk Assessment Tool](#). Further information can be found in the [Sourcing Playbook](#) and applicable [guidance](#).

Compliance with Health and Safety legislation was assessed during the procurement competition stage along with an assessment of the arrangement that the firms have in place for compliance with Health and Safety matters. The DfE ESFA Head of Health and Safety engages with the contractors to ensure continued compliance with relevant health and safety legislation. Amongst other things, contractors are required to report on accident and incident statistics on a regular basis. We have a legal team unit that engages with the contractors and amends the Framework and Works contracts to ensure compliance with new or amended employment legislation. In addition, The Accident Incident Rate is measured and reported as part of the KPI management of the Framework.

3. In procuring the Framework as well as in determining the outcome of Local Competition bidding process, appropriate account and consideration was and is taken of social and environmental considerations. These include but are not limited to the following:

- Requirement for apprentices to be employed on DfE school projects.
- Ensuring that contractors provide opportunities for local school children to have guided visits of the construction site to engender interest in engineering.
- Ensuring that contractors visit local schools to share the nature of the project and to warn of the hazards of construction.
- Ensuring that contractors keep to our School Specification which inherently has been developed to deliver environmentally friendly projects.
- Ensuring that project Feasibility studies identify any environmental hazards that relate to the delivery of the project and that such hazards are funded for remediation.
- Monitoring the amount of capital that flows down the supply chain to SMEs on typical projects.
- Measuring the distance from site that SMEs are secured from for projects.

National Health Service

1. This is an example from one of the P23 framework suppliers on a standard clause within their P23 subcontract conditions.

“It is a condition of the Framework that the Scheme Agreements and all subcontracts that include for the procurement of steelwork will comply with Procurement Policy Notes issued by the Cabinet Office / HM Treasury and in particular PPN 16/15.

8.8.2 The Subcontractor is required to:

- provide the Contractor with supply chain plans setting out, where known, how and from which supplier, steel will be sourced;
- ensure that all subcontracts, which it intends to procure, are:
 - advertised; and
 - awarded following a fair, transparent and competitive process proportionate to the nature and value of the subcontract.

Any Subsubcontract awarded by the Subcontractor pursuant must contain requirements to the same effect as those in that clause.”

2. As part of the design development process under the P23 framework the supplier prepares and agrees with the client a procurement strategy for all subcontract and supplier packages. The standard template procurement strategy in the P23 contract provides for compliance with the PPNs.

3. The P23 framework suppliers are all large contractors with sophisticated and established supply chain procurement and management processes. Preselection of subcontractors and suppliers, before any tendering commences, includes assessing compliance with health and safety and employment legislation. Suppliers and subcontractors not meeting these checks are not invited to submit tenders.

Ministry of Defence

1. MOD directly supported the three main prime contractors on its submarine programmes (BAE Systems, Rolls Royce and Babcock), in its efforts to ensure that UK steel suppliers could compete on a level playing field. Where appropriate, these prime contractors actively complete requirements with UK stockists and suppliers. The MOD undertakes regular due diligence on the health and sustainability of preferred suppliers.
2. For outstanding quantities of Batch 2 steel, BAE Systems will again sub-contract in compliance with Government guidelines at the appropriate time.
3. No other equipment or infrastructure projects have procured nationally significant amounts of steel during the 2021/22 reporting period.

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Any enquiries regarding this publication should be sent to us at

enquiries@trade.gov.uk.