



Department for  
Business, Energy  
& Industrial Strategy

# Steel Public Procurement 2021

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



© Crown copyright 2021

This publication is licensed under the terms of the Open Government Licence v3.0 except where otherwise stated. To view this licence, visit [nationalarchives.gov.uk/doc/open-government-licence/version/3](https://nationalarchives.gov.uk/doc/open-government-licence/version/3) or write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or email: [psi@nationalarchives.gsi.gov.uk](mailto:psi@nationalarchives.gsi.gov.uk).

Where we have identified any third-party copyright information you will need to obtain permission from the copyright holders concerned.

Any enquiries regarding this publication should be sent to us at: [enquiries@beis.gov.uk](mailto:enquiries@beis.gov.uk)

---

# Contents

Departmental breakdown of steel procured for FY19/20.	4
Evidence from departments and their arm's length bodies on how they, and their contractors, have complied with the steel procurement guidance	31

# Departmental breakdown of steel procured for FY19/20.

This report contains data collated by BEIS on the amount steel procured for Government's major infrastructure projects in 2019/20, including what proportion is UK-produced. This does not cover spending by devolved administrations. Returns are self-declared and BEIS 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 third year of this publication and the data completeness is improving, however, there are limitations:

- There are gaps in the data provided by Departments: of the 91 projects reported, 90 detailed tonnage requirements; 87 specified the value of their steel requirements (totalling £148m); 69 specified both contract value and origin details (totalling £141m, with £108m sourced from the UK).
- It does not contain data of steel contracts awarded by a Contract for Difference (CfD) or by Highways England this year. Insights from this publication are, therefore, based on the limited set of returns provided by Government Departments rather than all Government projects.

BEIS 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. Improving data reporting will be part of the work of the joint BEIS/Industry Steel Procurement Taskforce, launched in March, with the aim to deliver more robust data in the coming years.

## Ministry of Defence

Project	Steel requirements	Volume (tonnes) of steel requirement	Value of contract	Can all, part or none of this steel be produced in the UK?	Of the previous column, what is the value of steel from UK producers?
Dreadnought	Various grades (Q1(N), S550QL1 and HY100)	230	£931,399	None	0%
Type 26	Various grades	3,977	£3,401,994	Part	27%
Submarine Training Facility	Steel reinforcement/ Rebar	200	£240,000	All	100%
	Structural and Secondary Frame Steel	1,550	£1,800,000	All	100%
Defence Infrastructure	Rebar	10	£5,000	All	100%
	Hot Rolled	20	£12,000	All	100%
	Cold Rolled	20	£13,000	All	50%
	Steel incorporated into products e.g., security doors	100	£100,000	All	75%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
	Pipes	5	£5,000	All	100%

Network Rail

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Track Renewals	Rails	123,000	£97,000,000	Part	85%

**HS2**

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Tunnel precast factory - Caunton Engineering	Structural steel	2,400	NA	All	100%
Modular bridge construction - Cleveland Bridge	Structural steel	1,130	NA	All	100%

**Environmental Agency**

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Skirting Beck, Egremont	Cut and Bent Reinforcement	6	£2,765	Part	60%

Steel Procurement 2021

Project	Steel requirements	Volume (tonnes) of steel requirement	Value of contract	Can all, part or none of this steel be produced in the UK?	Of the previous column, what is the value of steel from UK producers?
	AZ14-700 Sheet Piles	350	£254,000	Data not recorded	NA
Mytholmroyd	Cut and Bent Reinforcement	138	£60,415	Part	60%
Boston Barrage/Barrier Works	Piles	7,798	£3,417,641	None	0%
	Rebar	1,100	£410,697	All	100%
	Other	1,133	£630,263	None	0%
Hull River Defences - Phase 1	Piles	1,145	£517,997	None	0%
	Rebar	1,063	£132,166	All	100%
	Other	479	£314,333	None	0%
Humber: Hull Frontage	Piles	920	£648,140	None	0%
	Rebar	1,216	£151,165	All	100%
	Other	5	£72,810	None	0%
	Piles	957	£1,065,397	None	0%



Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Radcliffe and Redvales Flood Risk Management Improvements Scheme	Rebar	18	£6,981	All	100%
Asset Refurbishment Programme of Works	Rebar	1	£1,285	All	100%
EA CDF Midlands CDT	Sheet Piles	166	£123,493	None	0%
	Rebar	2	£1,242	All	100%
Ouse Washes Section 10	Rebar	4	£3,592	Part	50%
Clacton & Holland on Sea Slope	Rebar	11	£6,052	Part	50%
Perry Barr & Witton Phase 2	Rebar	260	£143,199	All	100%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Newhaven Flood Alleviation	Rebar	2	£1,131	Part	50%
Amwell Bridge Replacement	Rebar	10	£5,475	None	0%
Mereway Sluice Gate Replacement	Rebar	0.22	£459	All	100%
Bromford & Castle Vale FRMS	Rebar	39	£21,875	All	100%
Boston	Sheet Piles	97	£50,666	None	0%
Bentley Ings Pumping Station Refurbishment	Rebar	34	£19,871	Part	50%
	Structural steel	175	£103,092	Part	50%
Foss Barrier Pumping Station	Stop log frames	5	£2,940	Part	50%
	Staircases	3	£1,764	Part	50%
	Stop log base	1	£588	Part	50%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
	Tower upstands	1	£588	Part	50%
	HV casing	4	£2,352	Part	50%
	Miscellaneous	10	£5,880	Part	50%
Great Yarmouth Flood Defences – Epoch 2 – 2016 to 2021	Flat plating	682	£724,944	Part	75%
Great Yarmouth Flood Defences – Epoch 2 – 2016 to 2021	Rebar	91	£49,665	All	100%
Great Yarmouth Flood Defences – Epoch 2 – 2016 to 2021	Mesh fabric	25	£12,550	All	100%
Great Yarmouth Flood Defences – Epoch 2 – 2016 to 2021	Sections	16	£19,669	All	100%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Great Yarmouth Flood Defences – Epoch 2 – 2016 to 2021	Sheet piles	166	£135,500	Part	0%
Burton Upon Trent Ph2 FRMS	Piling	840	£630,012	All	100%
Burton Upon Trent Ph2 FRMS	Capping Beams	72	£54,044	All	100%
Burton Upon Trent Ph2 FRMS	VTS Corner Sections	13	£10,011	All	100%
Burton Upon Trent Ph2 FRMS	Cut & Bend Reinforcement	8	£4,473	All	100%
Isle of Axholme, Keadby Pumping Station Improvements	Bar Reinforcement	59	£30,408	All	100%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Isle of Axholme, Keadby Pumping Station Improvements	Interlocking Steel Piles	668	£402,263	All	100%
Isle of Axholme, Keadby Pumping Station Improvements	Miscellaneous Metalwork - Flats, Angles, Rolled steel members etc	23	£20,014	Part	45%
	6 No Pumps	50	£175,500	None	0%
	Penstocks	31	£131,281	All	100%
	Flap valves	5	£54,468	All	100%
River Wey Weir Refurbishment	Fabricated steel to new Weir Gates	20	£16,000	Part	30%
	Rebar	10	£7,250	Part	30%
	Sheet Piles	55	£45,000	None	0%
Arundel Tidel Wall	Sheet Piles	184	£150,000	None	0%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
	Fabricated Steel Capping	4	£2,500	Part	30%
	Rebar	6	£4,500	Part	30%
Romsey FAS	Sheet Piles	140	£115,500	None	0%
	Rebar	10	£7,150	Part	30%
	Control Gate	4	£2,600	Part	30%
Elmer Beach	Sheet Piles	40	£33,000	None	0%
	Rebar	4	£3,000	Part	30%
Sandwich Town Emergency River Wall Repairs	Sheet Piles	50	£41,000	None	0%
	Rebar	5	£3,600	Part	30%

**Portsmouth City Council**

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Portsea Island - Flood Cell 4: North Portsea Island	Piling (L603's at 5m, 7.5m, 10m)	2,100	£1,524,542	None	0%

**NHS**

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
New Mental Health and Eating Disorders Inpatient Accommodation. Barnet, Enfield and Haringey Mental Health NHS Trust	Structural Frame	41	£139,000	Part	20-25%
	Reinforcement Bar	341	£375,000	Part	20%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Refurbishment of CCU, Ophthalmology, and Oncology Ward - Preston and Chorley	Structural Frame - Hot Rolled	67	£134,637	All	100%
	Structural Frame - Cold Rolled	5	£10,818	All	100%
	Rebar	12	£14,825	All	100%
	Fabric reinforcement	11	£15,088	All	100%
Dementia Nursing Home 2020 Royal Borough of Kingston Upon Thames	Part structural frame	55	£190,000	All	100%
Paterson Redevelopment Project: The Christie NHS Foundation Trust	Rebar	1,197	£1,256,850	All	0%
Whitby Hospital Refurbishment	Rebar, Structural Steel	51	£107,793	All	100%



Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Neo-Natal Intensive Care Unit Liverpool Women's NHS Foundation Trust	Structural Frame	185	£287,652	All	40%
	Rebar	87	£23,413	All	100%
West Yorkshire CAMHS	Structural Frame	277	£497,000	Part	60%
	Rebar	38	£42,000	All	100%
New Day Case and Eye Unit, Chorley	Rebar	179	£285,950	Part	70%
Emergency Department and Acute Care Redevelopment Walsall Healthcare NHS Trust	Rebar	130	£80,000	All	100%

## Ministry of Justice

Project	Steel requirements	Volume (tonnes) of steel requirement	Value of contract	Can all, part or none of this steel be produced in the UK?	Of the previous column, what is the value of steel from UK producers?
HMP Five Wells (formerly New Prison at HMP Wellingborough)	Structural steel; cell doors; windows; gates; brickwork accessories; fencing; reinforcement.	2,180	£2,071,665	All	30%
New Prison at HMP Glen Parva	Structural steel; cell doors; windows; gates; brickwork accessories; fencing; reinforcement.	2,633	£3,000,000	All	100%

## Department for Education

Project	Steel requirements	Volume (tonnes) of steel requirement	Value of contract	Can all, part or none of this steel be produced in the UK?	Of the previous column, what is the value of steel from UK producers?
Hall Mead	Hot Rolled	339	£508,500	Part	1%
Bullers Wood	Flat Plate Steel	8	£7,373	Data not recorded	NA
	Fabric Reinforcement	11	£12,682	Data not recorded	NA
	Cold Rolled	62	£159, 058	Data not recorded	NA
	Hot Rolled	60	£111,836	Data not recorded	NA
	Other	20	£33,980	Data not recorded	NA
	Bar Reinforcement	453	£453,372	Data not recorded	NA
Harris Wimbledon Academy	Hot Rolled	760	£1,140,000	All	100%
Maidstone Primary and Bearsted Academy	Hot Rolled	285	£427,500	All	100%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
The Cedars Academy	Hot Rolled	60	£80,000	Part	20%
	Bar Reinforcement	5	£5,566	All	100%
	Fabric Reinforcement	4	£2,170	All	100%
Blue Coat Church of England Academy	Hot Rolled	0	£500	All	100%
Southam Road	Hot Rolled	118	£177,000	All	100%
Barton Park	Hot Rolled	161	£241,500	All	100%
Clearwater CE Primary Free School	Cold Rolled	21	£59,836	Data not recorded	NA
	Hot Rolled	106	£213,573	Data not recorded	NA
	Other	10	£18,292	Data not recorded	NA
	Fabric Reinforcement	13	£16,006	Data not recorded	NA
	Bar Reinforcement	16	£17,700	Data not recorded	NA
	Flat Plate Steel	33	£32,665	Data not recorded	NA

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Uplands Community College	Cold Rolled	35	£89,100	Data not recorded	NA
	Other	13	£22,796	Data not recorded	NA
	Hot Rolled	242	£451,427	Data not recorded	NA
	Fabric Reinforcement	21	£24,323	Data not recorded	NA
	Flat Plate Steel	57	£52,346	Data not recorded	NA
	Bar Reinforcement	84	£83,849	Data not recorded	NA
Queen Elizabeth Studio School	Fabric Reinforcement	9	£5,500	Data not recorded	NA
	Bar Reinforcement	12	£8,600	Data not recorded	NA
	Cold Rolled	14	£15,500	Data not recorded	NA
	Hot Rolled	119	£94,000	Data not recorded	NA
Cambrai Community Primary School	Cold Rolled	1	£1,900	All	100%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Christ Church CofE Secondary Academy	Hot Rolled/Cold Rolled	378	£271,000	All	100%
Colmers School and Sixth Form College	Bar Reinforcement	0	£242	All	100%
	Cold Rolled	6	£7,440	All	100%
	Fabric Reinforcement	17	£9,660	Data not recorded	NA
	Hot Rolled	139	£86,875	All	100%
Edgbarrow School	Structural Steel	100	NA	Data not recorded	NA
The Workplace	Cold Rolled	4	£10,471	Data not recorded	NA
	Other	9	£15,848	Data not recorded	NA
Badbury Park Primary School	Hot Rolled	89	£80,000	Data not recorded	NA
	Structural Steel	89	£80,000	All	100%
Ash Hill Academy	Hot Rolled	308	£229,000	Part	69%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Horton Heath All-Through Free School	Cold Rolled	70	£181,648	Data not recorded	NA
	Bar Reinforcement	15	£15,359	Data not recorded	NA
	Other	22	£37,582	Data not recorded	NA
	Hot Rolled	428	£797,728	Data not recorded	NA
	Fabric Reinforcement	43	£49,583	Data not recorded	NA
	Flat Plate Steel	118	£107,042	Data not recorded	NA
Glendinning House	Hot Rolled	99	£107,491	All	100%
Trafalgar College	Structural Steel	96	£132,000	All	100%
	Fabric Reinforcement	3	£2,050	All	100%
Mayfield School	Cold Rolled	88	£96,433	Data not recorded	NA
	Other	26	£39,850	Data not recorded	NA
	Hot Rolled	516	£868,601	Data not recorded	NA

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
	Fabric Reinforcement	54	£123,822	Data not recorded	NA
	Flat Plate Steel	145	£137,392	Data not recorded	NA
	Bar Reinforcement	74	£122,720	Data not recorded	NA
Putteridge High School	Flat Plate Steel	10	£8,993	Data not recorded	NA
	Cold Rolled	75	£193,895	Data not recorded	NA
	Other	23	£39,537	Data not recorded	NA
	Fabric Reinforcement	30	£34,191	Data not recorded	NA
	Hot Rolled	452	£843,301	Data not recorded	NA
	Bar Reinforcement	45	£44,776	Data not recorded	NA
St George Catholic College Science/Tech Block	Flat Plate Steel	2	£2,058	Data not recorded	NA
	Cold Rolled	17	£44,485	Data not recorded	NA
	Fabric Reinforcement	5	£5,157	Data not recorded	NA



Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
	Hot Rolled	154	£286,823	Data not recorded	NA
	Other	9	£15,678	Data not recorded	NA
	Bar Reinforcement	72	£72,262	Data not recorded	NA
Walkley Primary School	Fabric Reinforcement	80	£45,000	All	100%
	Cold Rolled	10	£24,000	Part	50%
	Bar Reinforcement	3	£3,156	All	100%
	Hot Rolled	111	£161,000	Part	48%
Prince Albert High School	Structural Steel	525	£525,000	All	100%
Ramsden Hall Academy	Bar Reinforcement	55	£30,000	All	100%
Redbridge SEND School	Bar Reinforcement	167	£83,500	All	100%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Pathways Special School	Hot Rolled	15	£13,000	All	100%
	Cold Rolled	117	£96,000	Data not recorded	NA
CHS South	Cold Rolled	6	£9,146	All	100%
	Hot Rolled	424	£644,460	All	100%
Eden Boys' Leadership Academy, Birmingham East	Structural Steel	450	£322,000	All	100%
	Bar Reinforcement	160	£165,000	All	100%
Burnham Grammar School	Bar Reinforcement	119	£100,000	All	100%
	Structural Steel	400	£300,000.00	Data not recorded	NA
		60	£50,000.00	All	100%
		13	£17,000.00	Data not recorded	NA
Whitehaven Academy	Fabric Reinforcement	29	£25,916	All	100%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
	Bar Reinforcement	3	£2,848	All	100%
	Structural Steel	382	£295,168	Data not recorded	NA

**Nuclear Decommissioning Authority**

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
DSRL - D1204 Fabrication & Installation of Crane Fall Arrest System	Structural Mild Steel	0.25	£1,000	Data not recorded	NA
DSRL - D1204 Fabrication & Installation of Crane Access Platform	Structural Mild Steel	5	£5,000	Data not recorded	NA

Steel Procurement 2021

Project	Steel requirements	Volume (tonnes) of steel requirement	Value of contract	Can all, part or none of this steel be produced in the UK?	Of the previous column, what is the value of steel from UK producers?
DSRL - D1217 - Manufacture & Delivery of Steelwork	Stainless Steel / Aluminium / Structural Mild Steel	3	£5,200	Data not recorded	NA
DSRL - Manufacture of Items to Support D1217 Decommissioning	Structural Mild Steel	2	£3,800	Data not recorded	NA
Magnox - Drum Liners incl 6M3 furniture	Majority Mild	1,200	£2,400,000	All	100%
Magnox - 6M3 Concrete Boxes (with steel rebar, casings, twistlocks etc)	Majority Mild	1,350	£2,700,000	All	100%
LLWR - ISO IP-2 Containers and associated equipment	Mild steel 275 (laser cut profiles)	2,203	£4,819,063	All	100%
	Mild steel 275 (Sheered blanks)				

Steel Procurement 2021

Project	Steel requirements	Volume (tonnes) of steel requirement	Value of contract	Can all, part or none of this steel be produced in the UK?	Of the previous column, what is the value of steel from UK producers?
	High Yield 355 (profiles)				
	High Yield 355 (Sheered blanks)				
	Sections 355				
	Sections 275				
	CR12 (laser cut & pressed profiles)				
	S355MC (laser cut & pressed profiles)				
LLWR _ IP-2 210 L Drums	BS EN 10130 DC01 Cold rolled carbon steel	520	£327,080	All	100%
Sellafield - MSSS: TSP Packages - Profiled Water Jet Cut Stainless Steel	Stainless Steel	45	£500,000	None	0%

Steel Procurement 2021

<b>Project</b>	<b>Steel requirements</b>	<b>Volume (tonnes) of steel requirement</b>	<b>Value of contract</b>	<b>Can all, part or none of this steel be produced in the UK?</b>	<b>Of the previous column, what is the value of steel from UK producers?</b>
Sellafield - MSSS: TSP Packages - Forged Steel	Forged Steel	7	£200,000	None	0%
Sellafield - MSSS: TSP Packages - Carbon Steel Plate	Carbon Steel Plate	7	£15,000	None	0%
Sellafield - MSSS: Retrievals Rake	NA	1	NA	All	100%
Sellafield - MSSS: Vents	Pipework	NA	£130,000	All	100%

**Highways England**

Data not available at time of publication.

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

## **Ministry of Defence**

1. The MOD directly supported BAE Systems, the prime contractor on its submarine programmes, in its efforts to ensure that UK steel suppliers could compete on a level playing field. Where appropriate, BAE Systems actively competes its requirements with UK stockists, and undertakes regular due diligence on the health and sustainability of preferred suppliers. The company, supported by the MOD, has also established a programme of activities to identify alternative sources of supply for certain specifications of steel with a view to enabling future potential competitions.
2. The MOD directly supported BAE Systems, its Type 26 frigate prime contractor, in its efforts to ensure that UK steel suppliers could compete on a level playing field. The contract for Batch 1 steel was placed with a UK stockist in 2017. For Batch 2, BAE Systems will again sub-contract in compliance with Government guidelines at the appropriate time.
3. The MOD has directly supported KGD, the prime contractor on the Submarine Training Facility project, to ensure that UK steel suppliers could compete on a level playing field, working with specialist steel supplier J&D Pierce to source the steel from the UK.
4. No other equipment or infrastructure projects have procured significant amounts of steel during the 2019/20 reporting period.

## High Speed 2

### 1. What is HS2 Ltd doing to support the steel industry?

- HS2 Ltd has adopted a number of initiatives in line with the UK Steel Charter, developed and promoted by UK Steel (part of MAKE UK), the trade association for steel producers. We will:
  - Develop a future steel pipeline;
  - Openly advertise opportunities for steel providers and/or require our contractors/sub-contractors to do so;
  - Develop our organisation's approach to the 'most economically advantageous tender' (for any directly procured steel contracts);
  - Monitor and produce data on the levels of UK-produced steel used (for any directly procured steel contracts).
- It is essential that, across the project, we conduct all procurement activity on a fair, equal and transparent basis that does not discriminate on the basis of location, in line with UK public procurement law – the Utilities Contracts Regulations 2016 under which we operate. The elements of the Charter we have committed to are in line with Network Rail and Highways England and supported by DfT and BEIS.
- We are committed to working with the UK steel industry to ensure it is engaged, informed and prepared to seize the contract opportunities that will be generated by HS2. Our contract requirements improve procurement practices through the supply chain so that companies can easily identify opportunities and compete on a level playing field.

### 2. How is HS2 Ltd actively engaging with UK industry?

- HS2 Ltd has been engaging with the UK steel industry since 2016 through meetings, workshops and events. We meet regularly with the two key trade associations for the sector, UK Steel and the British Constructional Steelwork Association (BCSA), as well as individual steel producers at their request.
- We support and host a range of engagement events to raise awareness of our pipeline of requirements and build relationships. For example, on 19 February 2019 we presented at the MAKE UK National Manufacturing conference – UK Steel Workshop. On



29 July 2020 we held a HS2 steel webinar, facilitated and hosted by UK Steel and supported by each of HS2 Ltd's four Main Works Civils Contractors (MWCCs). The event was attended by over 40 steel producers, fabricators and other industry businesses.

- Each contractor provided an overview of their scope and detailed forward-look of their steel related procurement opportunities, including an explanation of the procurement process and how to access opportunities. Contractors reiterated their balanced scorecard approach to procurement, which takes into account economic, social and environmental factors on a whole-life value basis.
- On 23-26 November 2020, HS2 Ltd hosted its third annual 'Meet the Contractor' event so that potential suppliers could meet with and build relationships with our contractors. Alongside facilitated 1:1 meetings, the event delivered a range of workshops, seminars and contractor presentations, to help suppliers understand HS2 opportunities. In total 34 companies (30 UK-based) who stated that their primary business relates to steel (steel infrastructure, structural steel, steel design and fabrication and/or steel fabricator) attended 75 one-to-one meetings with HS2 contractors. Exactly 50 steel-related companies (47 UK-based) attended the webinars. Tier 1 contractor participation in annual 'Meet the Contractor' event is a contractual requirement written into all key contracts, including MWCCs and Stations Contracts.
- On 3 December 2020, the BCSA, HS2 Ltd and its MWCCs hosted an online webinar to communicate upcoming steel opportunities and how to express interest for these packages via CompeteFor, including a Q&A session following the presentations of all MWCCs. The BCSA represents British steelwork contractors who undertake the design, fabrication and the erection of steelwork for all forms of construction. They also represent British industry members who support the steelwork contractors through the direct supply of components, materials or products. In total 64 attendees from 31 steel-related businesses attended the event.

### 3. How are HS2 steel opportunities advertised?

- Currently, HS2 Ltd does not have any plans to buy steel directly. Given the nature of the civil engineering contracts needed to build the railway, steel will be sourced through the supply chain.
- We mandate that our contractors advertise all subcontract opportunities openly via CompeteFor (where the source of supply hasn't already been defined as part of their tender submission or can't be delivered in-house). CompeteFor is a free, online brokerage service where buyers advertise their opportunities and suppliers can register their interest.

## Steel Procurement 2021

---

- We mandate that our tier 1 contractors cascade this requirement to their suppliers, so tier 3 opportunities on HS2 are also advertised via this mechanism. The system has a direct feed of HS2 opportunities to Contracts Finder and therefore our supply chain opportunities will automatically be listed here too.
- HS2 Ltd's contractual requirements and use of CompeteFor provides visibility of the critical supply chain, both at tender stage and contract award. This means that, for critical subcontract packages, we can see the companies tendering for work, and those who are successfully awarded.
- Upon contract award, the tier 1 contractor is required to submit procurement procedures to HS2 Ltd for acceptance. In selecting subcontractors, the HS2 Ltd Project Manager can reject signing off a subcontract (of any tier) where the Works Information supply principles have not been followed.

### 4. How are UK suppliers benefitting?

- In 2020, Nottinghamshire-based specialist steel fabricators Caunton Engineering completed structural steelwork on the temporary pre-cast factory which will produce wall sections for the 10-mile-long Chiltern tunnels. The tunnel precast factory – and all 2,400 tonnes of structural steelwork at the south portal site, next to the M25 – will be made in the UK and delivered from their base near Moregreen, Nottinghamshire.
- The factory will allow HS2's main works contractor, Align JV, to cast all the tunnel segments on site and avoid putting extra heavy goods vehicles onto local roads.
- In 2019, Darlington-based Cleveland Bridge won a major contract to design, produce and install 1,130 tonnes worth of steel girders to construct four modular bridges at the site of HS2's new Interchange Station in Solihull, West Midlands. Cleveland Bridge is a world-leading steel engineering company involved in the construction of the Wembley Arch and the Shard.
- Cleveland Bridge employs around 250 people, with the vast majority from the local area. Their workforce includes more than 15 apprentices, a number of whom have been working on the HS2 contract.

### 5. What is HS2 Ltd planning to do next?

- In early 2021, HS2 Ltd will publish a dedicated 'Steel Pipeline', which will transparently set out upcoming steel-related contract opportunities, including any awarded contracts.

- We are also continuing to raise awareness and develop the recently published 'Tier 2 Contracts Table' on our website, which displays all critical MWCC subcontracts, the appointed supplier and a contact email address so that prospective tier 3 suppliers can get in touch directly to understand any further subcontract opportunities. We expect this to include appointed tier 2 steel fabricators, in due course.
- HS2 Ltd has a strong working relationship with UK Steel and the BCSA and will continue to work with them to provide updates and broker relationships between their members and the HS2 supply chain.
- In 2021, HS2 Ltd will be carrying out a 'bottom up' review of its overarching steel requirements, as designs begin to mature, in order to provide greater transparency in terms of the volumes and nature of the steel requirements which can be expected to come to market.

### **Highways England**

1. We are working on our strategy for Gantries and Steel structures in HE, for finalisation in 2021.
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 following a community approach set up.
4. The new Regional Delivery Partner procurement has clauses entitled S1210 Acceptance procedure, where it is contractually required the 'Supplier' (Contractor) must advertise any subcontract in accordance with Procurement Policy Note 11/16.
5. Demand and Operations Planning for categories in early stages.

## Environmental Agency

### 1. Pipeline Requirement

A 6 year forward projection (The 6 Year Plan) of the Flood and Coastal Risk Management 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 SMEs, 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.

## NHS

1. This is an example from one of the P22 framework suppliers on a standard clause within their P22 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 subsubcontracts, 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 to clause 8.8.2 must contain requirements to the same effect as those in that clause.”

2. As part of the design development process under the P22 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 P22 contract provides for compliance with the PPNs.

3. The P22 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 Justice**

1. As part of the main project tender evaluation process for the HMP Five Wells (formerly Wellingborough) and Glen Parva projects, 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 Glen Parva 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 this project 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.

3. On the Five wells and Glen Parva 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 for Education**

1. The 2017 DfE Construction Framework was procured during 2017 and came into operation on 27 November 2017. 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 – 2 days engagement in June 2016 in Nottingham, one-day engagement in November 2016 in London and a further market engagement day in February 2017 (London).
- Two significantly detailed online surveys were issued to the market in November 2016 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 Framework would look like.

2. During the procurement of the 2017 DfE Construction Framework, there was an assessment on the health and sustainability of potential suppliers in the market. There was a check carried out on the previous 3 years accounts as well as an analysis of key financial ratios. Following the appointment of the contractors onto the 2017 Framework, a watching brief has been kept on the financial health of

the firms. Hence, a 6 monthly Dun & Bradstreet check is undertaken as well as a regular review of hedge funds to determine which publicly listed contractor shares are experiencing short selling. In addition to this, we review the H Score of the firms using the Company Watch Data. Accordingly, the health and sustainability of the contractors on the Framework was assessed during the procurement stage and is monitored on an on-going basis as part of the strategic management of the Framework.

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.



## **Nuclear Decommissioning Authority**

1. Programme and Project Partner (PPP) does include steel, the immediate need is on the Sellafield SIXEP Continuity Plant (SCP) and Sellafield Product and Residue Store Retreatment Plant (SRP) projects. The procurements are planned and are being advertised to the market. The Sellafield Ltd IC team are assuring and governing the awards, part of this assurance will be to ensure that PPP account for PPN 11/16 and include in Invitation to Tenders (ITTs) similar questions to those required under SL procurements.
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.

## Hinkley Point C

1. From its inception, Hinkley Point C has been committed to leaving a long-term sustainable legacy for the local area, South West region and the UK as a whole.
2. A spirit of partnership has encouraged UK businesses to take full advantage of this once in a generation opportunity, from the first National Supply Chain conference held in June 2009.
3. A dedicated supply chain engagement team has worked to support South West and UK-based businesses into the nuclear supply chain through a programme of events and funded training and development opportunities. Examples include:
  - June 2009 – First National Supply Chain Conference
  - September 2010 – National and Local Supply Chain Conferences held
  - January 2014 – Steel fabrication workshop held
  - Facilitating collaboration event – two regional consortia formed
4. The aim of the HPC supply chain engagement strategy remains to ensure that UK companies of all sizes benefit from the contracts associated with the Project. Whether as a direct Tier 1 supplier, as part of a joint venture or by forming a local consortium, we are ensuring that Hinkley Point C receives the best of British industry and maximises the opportunity for domestic employment and export earnings.
5. The project is committed to ensuring that 63% of the value of HPC contracts is with UK-based business. Locally, our work has led to a total regional socio-economic impact of £2.7 billion - a clear indication of the substantial value that HPC is providing to the local economy.
6. We estimate that 68% of consolidated steel is procured within the UK, with the project being 43.6% complete as at the end of November '20 reporting period. This can be correlated into ~£ 1.3bn of the future pipeline.

---

This publication is available from: [www.gov.uk/beis](http://www.gov.uk/beis)

If you need a version of this document in a more accessible format, please email [enquiries@beis.gov.uk](mailto:enquiries@beis.gov.uk). Please tell us what format you need. It will help us if you say what assistive technology you use.