

## 1EWo2 Enabling Works – Area South

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## REVISION CHANGES, AUTHORISATION & ISSUE RECORD

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Po1	15-12-2017		Original version	████████	██████ ██████	████████	For Acceptance	
Co1	07.09.2018	Entire document	Incorporated comments from HS2	████████	██████ ██████	████████	For Acceptance	Code 2
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Co3	08.06.2020	6-month review	Periodic Review. Improving document flow. Separation of HS2 and CSjv targets.	████████	██████ ██████	████████	For Acceptance	Code 1
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*Table 1: List of abbreviations*

Abbreviation	Definition
CSJv	Costain Skanska Joint Venture
dWPI	Draft Work Package Instruction
HS2	High Speed 2 Ltd
PM	The Employer’s Project Manager
VfM	Value for Money
WI	Works Information
WP	Work Package
WPC	Work Package Price
WPI	Work Package Instruction
WPM	Work Package Manager
WPP	Work Package Plan
WPQ	Work Package Quotation
WPS	Work Packaging Strategy

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# 1 Introduction

## 1.1 Context

1.1.1 CSjv aims to deliver the HS2 Area South Enabling Works Contract (EWC) in a manner that ensures the procurement of materials, services and subcontracts is conducted in a sustainable manner, to minimise risks and maximise the opportunities in the three pillars of sustainability: Social, Economic and Environmental.

1.1.2 This approach will be in line with HS2 Technical Standard- Sustainable Sourcing (HS2-HS2-SU-STD-000-000012) and the CSjv Sustainable Procurement Policy (1EW02-CSJ-POL-S000-000002).

## 1.2 Purpose

1.2.1 The Sustainable Procurement Plan (SSP) has been produced to set out a clear framework for the responsible sourcing of materials, services, and subcontracts by CSjv on the HS2 Area South EWC.

1.2.2 The SPP will act as an enabler to guide the procurement team through the requirements of the HS2 "Technical Standard - Sustainable Sourcing" (HS2-HS2-SU-STD-000-000012).

1.2.3 The SPP will follow the BREEAM Technical Standards; Technical Standard- BREEAM Buildings (HS2-HS2-SU-STD-000-000001) and Technical Standard- BREEAM Infrastructure (HS2-HS2-SU-STD-000-000005).

1.2.4 Using these guidelines, the SPP will outline the following information:

- risks and opportunities that are identified against a broad range of social, environmental and economic issues;
- aims, objectives and targets to guide sustainable procurement activities; and
- procedures and policies that are in place to check and verify that the sustainable procurement plan is being implemented and adhered to on individual work packages.

1.2.5 The SSP will be updated by a member of the CSjv environment team, with help from the procurement team, in line with the review process for the Area South EWC EMP.

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## 2 Roles and Responsibilities

2.1.1 The following critical roles will ensure the effective delivery of the plan (Table 2).

*Table 2: Roles and responsibilities*

Role	Summary of responsibilities with respect to the Package Management Plan
Project Director	Allocate sufficient resources and authorities to the CSJv Environment and Procurement Teams to meet contractual obligations. Support and enable CSJv to deliver an environmental beneficial and sustainable project.
Commercial Director	Ensures adequate resources and roles and responsibilities are assigned for sustainable sourcing management within commercial Teams.
Commercial Manager	Responsible for the commercial approach to deliver sustainability objectives once a contract has been awarded.
Head of Procurement & Supply Chain Management	Develops a procurement strategy and plan that meets HS2 and parent company sustainability requirements. Ensures adequate resources and roles and responsibilities are assigned for sustainable sourcing management within Procurement Teams.
Procurement Manager	Ensures the procurement strategy and procurement plan are implemented and sustainability requirements are communicated to the supply chain and CSJv Commercial Teams (on contract award).
Head of Environment	Ensures adequate resources and roles and responsibilities are assigned for sustainable sourcing management within Environment Teams.
Environment Manager(s)	Develops the SSP with procurement and commercial teams. Manages the interface between Environment Advisors and Commercial/ Procurement Teams to support sustainable sourcing and conformance to ISO14001:2015. Reports and escalates any non-conformance to the Environment & Sustainability Manager.
Environment Advisor(s)	Works with the Commercial and Procurement Teams to support sustainable sourcing and conformance to ISO14001:2015. Reports and escalates any non-conformance to the Head of Environment.

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## 3 Sustainable Procurement Aims, Objectives and Targets

### 3.1 Aims

3.1.1 The HS2 Environmental Policy (HS2-HS2-EV-POL-000-000024) sets out their commitment to becoming an exemplar programme. The policy establishes key themes, which when met, will limit the negative impacts on communities, the natural and built environment. The HS2 Technical Standard- Sustainable Sourcing (HS2-HS2-SU-STD-000-000012) sets out the approach for considering the sustainability of materials in the HS2 programme. It responds to the objectives in the Sponsors Requirements and expands upon the commitments made in the Environmental Policy.

### 3.2 Objectives

3.2.1 Through the HS2 Environmental Policy, HS2 has committed to “source and make efficient use of sustainable materials, maximise the proportion of material diverted from landfill and reduce waste”. The objectives that sustainable sourcing will assist with this are:

- Reducing the demand for non-renewable virgin materials.
- Promoting the recovery of materials and a ‘circular economy’ in the workplace.
- Reducing embedded environmental impacts.
- Supporting local communities and small and medium sized businesses.
- Reduce health, safety and welfare impacts throughout the supply chain.

### 3.3 Targets

3.3.1 Resource management targets for the CSjv Enabling Works Contract, as per HS2 requirements and CSjv internal targets, are provided within

3.3.2 **Table 3.**

Table 3: Environmental Targets

Environmental Objective	Target	HS2 / CSjv set
Responsibly sourced materials	<ul style="list-style-type: none"> <li>• 100% of steel products purchased for either temporary or permanent inclusion that are certified to BES 6001, CARES Sustainable Constructional Steel scheme, or equivalent.</li> <li>• 100% of timber products purchased for either temporary or permanent inclusion that are supplied with a third party certified, BREEAM recognised responsible sourcing certificate.</li> </ul>	HS2 (as per Technical Standard: Sustainable Sourcing)

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Environmental Objective	Target	HS2 / CSjv set
	<ul style="list-style-type: none"> <li>100% of concrete products purchased for either temporary or permanent inclusion that are certified at BES 6001 Excellent level, or equivalent.</li> <li>25% of other materials purchased for either temporary or permanent inclusion that have a BREEAM recognised responsible sourcing scheme, certified by a third party.</li> </ul>	
	<ul style="list-style-type: none"> <li>100% of tower lights are to be LED Hybrid (or better) as per Costain &amp; Skanska mandate.</li> <li>100% REGO Tariff for mains power supplies, in preference to diesel generators for site and compounds.</li> <li>100% of mains power connections will have smart meter installed.</li> <li>Wherever practicable generators will be hybrid units (diesel with battery support for out-hours power).</li> </ul>	CSjv
Reduce raw material consumption	<ul style="list-style-type: none"> <li>100% of temporary materials to shall be reusable, recyclable, or compostable (not biodegradable).</li> </ul>	HS2 (as per Technical Standard: Sustainable Sourcing)
Reduce water consumption	<ul style="list-style-type: none"> <li>Water efficient taps and shower fittings (EU labelling) with water efficient toilets, within all welfare facilities.</li> </ul>	CSjv

## 4 Key Risks and Opportunities

4.1.1 Due to many of the Enabling Works packages consisting of surveys, demolition, exhumations, design and monitoring, a large emphasis will be on procuring services rather than products. Ethical labour and modern slavery risks associated with procuring services will be addressed in the Invitation to Tender (ITT) pack via a Sustainable Procurement Questionnaire that subcontractors are requested to fill in, sign and return to CSjv.

4.1.2 These specialist services will be provided by consultancies and companies that are experts in their field. Where a work package (WP) does require the construction of infrastructure, diversion of utilities, or the construction of work compounds and haul roads, sustainable construction materials will be required. These details will be included in the Environmental Controls section of the Work Package Environmental Management Plans (WPEMP). The key materials and associated standards (e.g. BES 6001 for steel) will be listed and the procurement responsibility (CSjv or sub-contractor) will be identified. The CSjv Materials Manager will provide guidance and assistance as required by individual Work Packages.

### 4.2 Supply Chain

4.2.1 Area South EWC works will be delivered by the CSjv supply chain. The requirements of the HS2's Technical Standard - Sustainable Sourcing (HS2-HS2-SU-STD-000-000012) and the Area South EWC SPP will be contractually obligated on the supply chain. CSjv will provide an



assurance role across the works, ensuring that the supply chain adhere to the requirements of this document.

- 4.2.2 The approach to understanding which supply chain companies / trades / packages provide the highest level of sustainability risk or opportunity will be achieved by implementing high level 'heat mapping'. The 'heat map' exercise will be discussed in more detail in **Section 4.3** of this SPP.

## 4.3 Heat Mapping

- 4.3.1 Where CSjv have been instructed a WP by HS2, CSjv will conduct a 'heat mapping' exercise to identify the key supply chain sustainability risks and opportunities specific to the contract.
- 4.3.2 The heat mapping will review risk/opportunity against:
- Works Package Name eg. Old Oak Common Demolition
  - Supplier trade category eg. demolition, utilities, hoarding, landscaping, highways works
- 4.3.3 Risk and opportunity will be heat mapped against social (skills/EDI/community) and environmental aspects using a Red Amber Green (RAG) status. The RAG status will identify the high (red), medium (amber) or low (green) priorities and help focus procurement activity to the high value areas.

## 4.4 Heat Mapping Results

### Social elements (SEE, Community and EDI)

- 4.4.1 CSjv have undertaken heat mapping exercises for work packages that have been instructed (see **Appendix 1**). Where packages are not yet instructed, on award, CSjv will conduct a heat mapping exercise by giving each social element a score of 1 (low risk), 2 (medium risk), 3 (high risk) and corresponding RAG colour. The highest ranked packages then become the focus of ensuring Sustainable Procurement. The heat mapping spreadsheet is held by CSjv and is updated when each new work package is awarded.

### Environmental Elements

- 4.4.2 The Environmental heat mapping exercise can be seen in **Appendix 1**. This has again been completed on a works package basis to provide clarity and focus areas throughout the procurement process. A subcontractor questionnaire or a PQQ will be specifically designed for high-risk areas and packages. An example of priority works packages for Environmental aspects of delivery is provided within **Figure 1**.
- 4.4.3 The Area South EWC Environment Aspects and Impacts Register (1EW02-CSJ-EV-REG-S000-000002) will capture the overarching risks and opportunities of each work package. The Aspects and Impacts Register will be treated as a 'live' document and updated as required as the

package progresses. Separate Aspects and Impacts Registers will also be produced as an appendix for each WPEMP.

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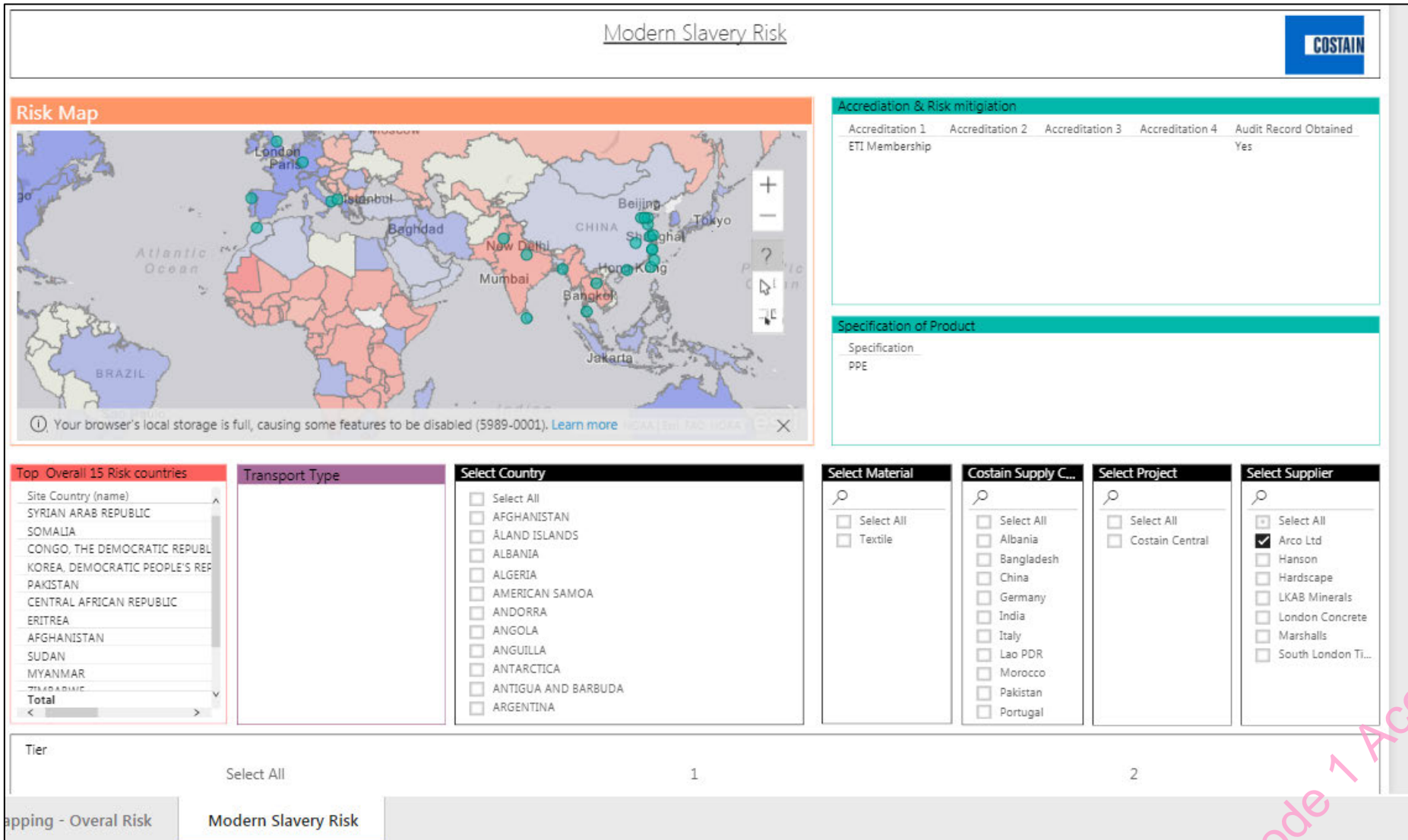


Figure 1: Ethical Sourcing Traceability

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## 5 Collaborative Working

- 5.1.1 CSjv will work in collaboration with other HS2 EWC Tier 1 contractors and with the supply chain in line HS2 Technical Standard – Sustainable Sourcing (HS2-HS2-SU-STD-000-000012), to ensure that key sustainability risks are investigated and minimised.

### 5.2 Leadership and Latest Industry Thinking

- 5.2.1 CSjv will aim to bring leadership and the latest industry thinking to the HS2 EWC's in relation to the sustainable sourcing and will feed this requirement through our own supply chain. CSjv, through the various procurement stages, will promote the membership of and engagement with the Supply Chain Sustainability School (SCSS).
- 5.2.2 For the direct procurement of PPE used on the contract, CSjv have already performed ethical sourcing mapping to ensure that the principles of the *Modern Slavery Act 2015* are being followed by our suppliers. **Figure 1** indicates the CSjv ethical sourcing mapping capability, which includes detailing the modern slavery accreditations and risk mitigations of our suppliers, widely seen as best industry practice. The tool enables the procurement team to ensure the suppliers brought onto the project meet the sustainable sourcing requirements.

## 6 Implementation on Site

### 6.1 BREEAM

- 6.1.1 The key target in relation to sustainable sourcing is the achievement of credits within the BREEAM schemes being used throughout the programme. The minimum targets are detailed in the BREEAM Technical Standards; Technical Standard - BREEAM Buildings (HS2-HS2-SU-STD-000-000001) and Technical Standard - BREEAM Infrastructure (HS2-HS2-SU-STD-000-000005). Both BREEAM schemes are applicable to Enabling Works South.
- 6.1.2 Details on the requirements in this SSP to help achieve a BREEAM 'excellent' rating for infrastructure are provided within **Appendix 2**. The table also provide a signpost to where in the SPP this evidence is located.
- 6.1.3 Suppliers will prioritise the use of manufacturers which supply third party Environmental Product Declarations (EPDs) to BS EN 15804.

### 6.2 Timber

- 6.2.1 In line with the UK Government Timber Procurement Policy, 100% of timber and wood-derived products shall originate from independently verifiable Legal and Sustainable sources. All timber products supplied for either temporary or permanent inclusion in the works must be certified as legally and sustainably sourced, as defined by the UK Government Central Point of Expertise on Timber (CPET). CPET currently approves two certification schemes as providing evidence of

legal and sustainable sourcing - the Forest Stewardship Council (FSC) and the Programme for the Endorsement of Forest Certification (PEFC). The CSJv environment team will audit suppliers Chain of Custody (CoC) evidence, including certificates, delivery notes and invoices to confirm compliance with this requirement. FSC is the preferred scheme, particularly for tropical timber and timber originating from high-risk areas.

- 6.2.2 To minimise timber waste, CSJv will aim to donate surplus materials to local community projects and initiatives. The CSJv community relations team will identify local charities and projects, in line with the Community Investment Plan (1EW02-CSJ-SE-PLN-S000-000002), who can receive the timber materials. If no local projects can make use of surplus or waste timber CSJv will engage with re-use schemes such as the Community Wood Recycling Scheme.

## 6.3 Other Construction Products and Materials

- 6.3.1 For all other construction products and materials, CSJv supports and gives preference to procuring from suppliers who can demonstrate compliance, through the ITT process, with a recognised responsible sourcing scheme, certified by a third party (ie. Environmental Product Declarations, EPDs).

- 6.3.2 The methods currently available for demonstrating responsible sourcing in the UK are:

- certification to the BRE BES 6001 Framework standard for Responsible Sourcing of Construction Products, including compliant schemes like Eco-Reinforcement (suppliers are encouraged to achieve at least a Very Good rating);
- membership of a sector specific scheme that complies to BS 8902, verified by a third party; and
- Manufacturer Environmental Product Declarations (EPDs) that comply with BS EN 15804.

## 6.4 Materials Efficiency

- 6.4.1 In line with the Area South EWC Resource Management Plans (1EW02-CSJ-EV-PLN-S000-000031 & 1EW02-CSJ-EV-PLN-S000-000032), the following material efficiencies will be implemented wherever practicable:

- Using excavated material for site haul roads or use of imported recycled aggregates (ie. on temporary site roads/pedestrian walkways or as Type 1 trench backfill).
- Re-use of rainwater for site activities such as wheel washing and dampening dust.
- Using soil washing techniques (where possible) to reduce the volume of contaminated material for disposal and to increase the volume of re-usable materials.
- Options will be explored at the earliest stages of a work package and will be detailed in each Work Package EMP.

- 6.4.2 Material efficiency will be improved by employing efficient logistic solutions, as per the WP logistic plans, which will reduce the amount of materials being stored on site at any time reducing the risk of damage or spoiling.

## 6.5 Renewable Fuels and Electric Plant

- 6.5.1 The use of electric vehicles/equipment and those powered on biofuels will be encouraged.
- 6.5.2 As of February 2021, the majority of CSJv Subcontractors are now using biodiesel in place of red diesel for both static and mobile equipment and machinery. Known as Green D+, the product is a Hydrotreated Vegetable Oil (HVO) drop-in fuel that is manufactured from sustainable and renewable feed-stocks including used cooking oils, tallows and used oils. The fuel does not include any virgin crops.
- 6.5.3 Studies of Green D+ have shown reduced air emissions when compared to red diesel, including:
- Particulate reductions of up to 85%;
  - Nitrogen oxides by up to 30%; and
  - Carbon dioxide emissions by up to 90%
- 6.5.4 Mobile electric plant has been utilised onsite, where work scopes and the availability of charging stations can facilitate this. This has included muckaway operations within St James' Gardens, as well as utility works using small electric excavators and dumpers. The size of full electric plant currently available from the supply chain is in the order of 1-1.5 tonnes. For equipment in excess of 2 tonnes, CSJv will prioritise the use of hybrid technology where availability permits.

## 6.6 Energy Efficient Products

- 6.6.5 CSJv will be supplying products rated in accordance with EU Energy Label Class A + and ++, Energy Saving Recommended (ESR) endorsed, or those compliant with other recognised equivalent standards, such as PC monitors that meet current 'Energy Star' requirements.
- 6.6.6 CSJv and the supply chain will seek to use clean and low energy sources wherever practicable.

## 6.7 Certified Ethical Sourced Products

- 6.7.7 CSJv will seek to procure products that have been certified as ethically sourced, such as those certified by a member of Fairtrade Labelling Organizations International (FLO) or the Rainforest Alliance, or other equivalent standards, where they represent value for money and do not compromise other sustainability objectives.

## 7 Health, Safety and Welfare Impacts of Materials

- 7.1.1 CSJv is committed to proactively selecting and using, where possible, materials that are benign to people and the environment. Where reasonably practicable, suppliers shall seek to use non-polluting and non-toxic materials and substances in the products and services they supply. Low and Volatile Organic Compound (VOC)-free products and materials are preferred. All materials and substances must comply with relevant legislation.
- 7.1.2 CSJv will ensure all suppliers and subcontractors sign up to the Ethical Trading Initiative (ETI) Base Code ([www.ethicaltrade.org](http://www.ethicaltrade.org)), or a SA8000 certification, or more specifically international sector responsible sourcing schemes such as the Aluminium Stewardship Initiative (ASI) or TFT Responsible Stone Program if their products and materials are sourced from high risk areas (score of 49 or lower in Transparency International's Corruption Perception Index) before they start work on EWC.
- 7.1.3 Suppliers shall comply not only with all domestic employment legislation but also with all applicable International Labour Organization (ILO) conventions and protocols and the United Nations Universal Declaration of Human Rights. CSJv will ensure that the principles of the *Modern Slavery Act 2015* are being followed through the various stages of procurement.
- 7.1.4 For products and materials sourced from high risk areas, defined as countries or regions with a score of 49 or lower in Transparency International's Corruption Perception Index, CSJv expects suppliers to demonstrate responsible stewardship of their supply chain for example through membership of, and active participation in, schemes like the Ethical Trading Initiative (ETI) or the TFT Responsible Stone Program. CSJv also supports and encourages the development of international sector specific responsible sourcing schemes such as the Aluminium Stewardship Initiative (ASI).

## 8 Procedures

- 8.1.1 The following procedures have been implemented to address all clauses highlighted under the Requirements sections of the HS2 Technical Standard- Sustainable Sourcing (HS2-HS2-SU-STD-000-000012).

### 8.2 Contract Specific

- 8.2.1 In order to maximise the number and diversity of businesses contributing to the Area South EWC Project, CSJv shall use the 'CompeteFor' web-sourcing portal to advertise all appropriate subcontractor and supplier opportunities which arise.
- 8.2.2 In order to build the bridge between the HS2 Environmental policy and strategy and the CSJv procurement policy and strategy on the EWC, CSJv will create the conditions and management techniques to facilitate sustainable procurement to be successfully implemented and



continually improved. This will be achieved by embedding the objectives and requirements of HS2 and CSjv into the 3 main phases of procurement: -

- a) Expression of interest
- b) Pre-Qualification stage
- c) Invitation to Tender (ITT)

- 8.2.3 At the ITT stage the CSjv Environment Team have requested the subcontractor or supplier, who has tendered, provide evidence to a number of environmental questions (see example template in **Appendix 3**). The evidence supplied for these questions is then scored by a member of the Environment Team. This score is then weighted, along with other sections including social sustainability, safety and engineering. This total score is then used to determine which subcontractor is awarded the contract.
- 8.2.4 Post contract award, there will be biannual audits with the successful tenderers to track compliance with CSjv sustainability objectives and to help the supply chain to meet the targets.
- 8.2.5 CSjv will appoint a BREEAM Assessor to evaluate evidence for BREEAM credits as the works progress. The assessor will conduct a scoping exercise to determine which credits are applicable to the WPs. The CSjv Procurement and Environment teams will understand the BREEAM credits set for each WP and include the credits in the WPEMPs. Evidence gathered will be stored on the CSjv document management system and tracked monthly through the HS2 Sustainability Reporting Template. Standalone BREEAM Compliance statements will be prepared for those WPs where BREEAM is applicable.
- 8.2.6 A CSjv materials register will be maintained, containing information on the Contract's main material (ie. timber, cement, steel and recycled aggregate) suppliers and their applicable Responsible Sourcing Certification. Volumes of materials used will be recorded against each Work Package number within Smartwaste.

## 8.3 Audits and Evidence

- 8.3.1 CSjv will provide the supply chain and sub-contractors with the sustainable sourcing and reporting requirements they are expected to meet prior to contract award and during the ITT and Tender Review process. This will ensure these requirements are included in the scope of works for all suppliers. The performance of each supplier will be assessed and managed by the CSjv environment team. Inspections, checks and audits will be a part of the assurance CSjv will provide to HS2. These include:
- CSjv will address procurements during the tender/approvals process as per Section 8.2 of this SSP.
  - CSjv will provide KPI reporting for data on waste, fuel, water usage etc. to keep in line with the Technical Standard on Sustainability Reporting (HS2-HS2-SU-STD-000-000007). CSjv will report material procurement, energy use and waste movements via the BRE SmartWaste online portal. The WP subcontractor will be provided with a login to this

system and input their data on a monthly basis for the CSjv environment team to assure and input to the HS2 Sustainability Reporting Template.

- As per the Area South EWC EMP, the CSjv Environment Team will undertake environmental and sustainability audits on the supply chain on their aggregate sourcing, waste disposal routes, materials sourcing etc. and will share findings within CSjv wider teams and HS2 via the completed audit report. The CSjv Environment Team will develop an internal auditing schedule to cover the relevant subcontractors depending on the major works occurring on sites at any one time.

## 9 References

9.1.2 A list of applicable HS2 and CSjv documents, associated with the Sustainable Procurement Plan, are provided within **Table 4** and **Table 5**.

*Table 4: HS2 References*

Title	Reference
Technical Standard- BREEAM Buildings	HS2-HS2-SU-STD-000-000001
BREEAM UK New Construction (2014) Non-domestic Buildings Technical Manual	HS2-BRE-SU-MAN-000-000001
BREEAM HS2 Stations Bespoke Criteria Appendix document	HS2-BRE-SU-MAN-000-000002
BREEAM UK New Construction Infrastructure (Pilot) Technical Manual	HS2-BRE-SU-MAN-000-000003
HS2 Sustainability Policy	HS2-HS2-SU-POL-000-000001
Phase One (London to West Midlands) Sustainable Sourcing Plan	HS2-HS2-SU-PLN-000-000003
Technical Standard - Sustainable Materials sourcing	HS2-HS2-SU-STD-000-000008
Sustainable Materials Strategy	HS2-HS2-SU-STR-000-000004
Technical Standard- BREEAM Infrastructure	HS2-HS2-SU-STD-000-000005
Technical Standard - BREEAM Buildings	HS2-HS2-SU-STD-000-000001
Supply chain health and safety standard	HS2-HS2-HS-STD-000-000006
HS2 Environmental Policy	HS2-HS2-EN-POL-000-000024
Technical Standard on Sustainability Reporting	HS2-HS2-SU-STD-000-000007

*Table 5: CSjv EWC References*

Title	Number
Area South Environmental Management Plan	1EW02-CSJ-EV-PLN-S000-000001

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CSjv Aspects & Impacts Register	1EW02-CSJ-EV-REG-S000-000002
Area South Community Investment Plan	1EW02-CSJ-SE-PLN-S000-000002
Area South EWC Resource Management Plans	1EW02-CSJ-EV-PLN-S000-000031 - Infrastructure 1EW02-CSJ-EV-PLN-S000-000032 - Stations

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## Appendix 1 Heat Map

Legacy Team Work Package Heatmap

Work Package Name	Duration (months)	Environmental/Sustainability															
		Agriculture/Soils	Air Quality	Carbon	Ecology	Flood Risk	Historic Environment	Incidents	Land Quality (Contaminated Land)	Landscape (Townscape)	Materials & Resources	Noise & Vibration	Water Resources	Water Quality	Waste	Sustainable Design / BREEM	Sustainable Procurement
Consents - Year One	48	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Design - Year One	69	1	1	3	1	3	2	1	2	3	3	1	2	1	3	3	2
Surveys - Year One	72	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1
Historic Environment Information Package - Year One	49	1	1	1	1	1	3	3	2	1	1	1	1	1	2	1	1
Environment & Ecology Information Package - Year One	40	2	1	2	3	1	1	3	1	3	3	1	3	2	3	3	1
I&M - Year One	45	1	3	2	1	3	1	2	3	1	1	3	3	3	1	1	1
Support Services - Year One	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Surveys - Year Two	34	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1
Surveys - Year Three	23	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1
TBM Power Supplies - OOC	5	1	2	3	2	1	1	2	3	3	3	1	3	3	2	3	2
TBM Power Supplies - Atlas/Victoria	5	1	2	3	2	1	1	2	3	3	3	1	3	3	2	3	2
TBM Power Supplies - West Ruislip	5	1	2	3	2	1	1	2	3	3	3	1	3	3	2	3	2
Hydrological/Flood Modelling and Design	32	1	1	1	3	3	1	3	1	1	1	1	3	3	1	3	1
Bentonite Farm Setup	0	1	3	2	1	1	1	3	1	2	3	3	3	1	2	1	1
Consents - Year Two	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Consents - Year Three	40	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
I&M Phase 2	31	1	3	2	1	3	1	2	3	1	1	3	3	3	1	1	1
I&M Phase 3	5	1	3	2	1	3	1	2	3	1	1	3	3	3	1	1	1
Regents Park Zoo Lorry Park Demolition Works & Compound	10	1	2	2	3	1	1	2	1	3	3	3	3	1	2	3	2
One Euston Square/GT Demolition	11	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Walkden/Wolfson House & Euston St Demolition	6	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Melton St Demolitions	7	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Disused Euston LuL Entrance Demolition	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Ibis Hotel and 1 Cobourg St Demolition	8	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Thistle Hotel Demolition	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
South Wing NTH Demolition	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Hampstead Road Demolitions	12	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Mornington Street Utility Bridges	9	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Mornington Street Utility Diversions via Utility Bridge	17	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Atlas Road Demolitions	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Stanhope/Harrington Street Demolitions	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Demolition of Carriage Sheds and Granby Terrace Bridge	8	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Royal Mail Delivery Office Demolitions	63	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
DEMOLITION OUTLIERS	5																
OOO Demolitions GWR Depot	14	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
OOO Demolitions HEX building	7	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
NO LONGER REQUIRED	0																
NO LONGER REQUIRED	0																
Euston Station Forecourt Café Demolitions	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Euston Power Signal Box demolition	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Rowan House Demolition	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Victoria Road Crossover Box Demolitions	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
West Ruislip Golf Course Demolitions (Small)	17	2	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Badminton Close Pumping Station Demolition	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
Demolition of Euston diveunder substation	5	1	3	3	1	1	2	3	2	2	3	3	1	2	3	1	1
MSD Works Package	5	3	1	1	3	1	2	3	1	2	3	1	1	1	3	2	1

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St James Gardens Exhumation and Historic Environment Package	23	1	3	1	1	1	3	3	2	1	1	1	1	1	2	1	1
Euston Barrette Wall/Piling Package	0	1	2	3	1	1	1	3	1	1	3	3	1	1	2	3	3
OOO Station Ground Remediation Package	5	1	2	1	1	1	1	2	3	1	3	1	1	1	3	2	1
Eversholt Street Widening Package	0	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1
Euston Gardens East Cycle Stand	0	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1
Euston Station Box and Vent Shaft Piling Works	0	1	2	3	1	1	1	3	1	1	3	3	1	1	2	3	3
Hampstead Road Utility Bridge	27	1	1	2	1	1	1	1	1	1	2	2	1	1	2	3	1
Melton Street Taxi Rank Entrance	0	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1
Wolfson House Vent Shaft Preparatory Package	0	1	2	2	1	1	1	1	2	1	2	2	1	1	2	2	1
Granby Terrace Bridge Stabilisation and Piling Package	19	1	2	3	1	1	1	3	1	1	3	3	1	1	2	3	3
Euston Station Ground Remediation Package	5	1	1	1	1	1	1	2	3	1	3	1	1	1	3	2	1
OOO Lane Package	5	1	1	2	1	1	1	1	2	1	3	1	1	1	2	2	1
S1 / S3 Noise Insulation Package	24	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1
Canterbury Road Clearance and Compound	14	1	2	2	1	1	1	1	2	1	2	1	1	1	2	1	1
Atlas Road Works	14	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1
Willesden Euroterminal Package	9	1	2	2	1	1	1	2	2	1	2	2	1	1	3	1	1
Clearance and Compound Package OOC/GWML	42	1	2	3	1	1	1	2	2	2	3	2	2	1	2	3	2
Lancing Street Satellite compound playground	0	1	2	3	1	1	1	2	2	2	3	2	2	1	2	3	2
Euston Traffic Management Package	5	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1
Site Clearance HEX/GWR Depot Site	5	1	2	2	1	1	1	1	2	1	2	1	1	1	2	1	1
S4 Noise Mitigation Package	5	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	3
Park Village East Satellite Compound Habitat Removal	15	1	2	2	3	1	1	2	1	1	2	1	1	1	2	2	1
Park Village East Utilities Work	16	1	1	2	1	1	1	2	1	1	2	2	1	1	2	2	1
Hampstead Road Overbridge Utilities Package	5	1	1	2	1	1	1	2	1	1	2	2	1	1	2	2	1
NO LONGER REQUIRED	0																
Archaeological Investigation of NTH	23	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1
Area wide structural strengthening package	0	1	2	3	2	1	2	2	1	1	2	2	2	1	2	2	1
Granby Terrace Overbridge Utilities Package	18	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
Atlas Road Utilities Package	10	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
Victoria Road Crossover Box Utilities Package	26	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
OOO Station Utilities Package	17	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
S2 Habitat removal and creation	34	3	2	1	3	1	1	3	2	2	3	1	1	1	2	2	3
S2 Noise Mitigation	5	1	2	1	1	1	1	1	1	1	1	3	1	1	1	1	1
Victoria Road Playground	0	1	2	1	1	1	1	2	1	1	1	2	1	1	1	1	1
Route Wide Utilities Package	0	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
OOO Tunnel Utility Diversions	8	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
NTH Construction	7	1	2	3	1	1	1	2	2	3	3	2	1	1	3	3	3
NO LONGER REQUIRED	0																
Euston Utilities Package - Phase One	14	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
Euston Utilities Package - Phase Two	40	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
Victoria Road Priority Cycle Scheme Package	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HS2 Diveunder South Utilities Package	5	1	2	2	1	1	1	2	1	1	2	2	1	1	2	2	1
NO LONGER REQUIRED	0																
S2 Archaeological and Heritage Works	14	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1
Design - Year Two	0	1	1	3	1	3	2	1	2	3	3	1	2	1	3	3	2
Design - Year Three	0	1	1	3	1	3	2	1	2	3	3	1	2	1	3	3	2
Historic Environment Information Package - Year Two	0	1	1	1	1	1	3	3	2	1	1	1	1	1	2	1	1
Historic Environment Information Package - Year Three	0	1	1	1	1	1	3	3	2	1	1	1	1	1	2	1	1
Environment & Ecology Information Package - Year Two	0	2	1	2	3	1	1	3	1	3	3	1	3	2	3	3	1
Environment & Ecology Information Package - Year Three	0	2	1	2	3	1	1	3	1	3	3	1	3	2	3	3	1
Support Services - Year Two	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Support Services - Year Three	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Support Services - Year Four	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NO LONGER REQUIRED	93																
Undefineable Utilities Package	0																

Code 1 Accepted

## Appendix 2 Compliance with BREEAM Requirements

Sustainable Sourcing Plan Requirements	Sections	Compliant
Identification of risks and opportunities against a broad range of social, environmental, and economic issues.	Section 5	Y
Aims, objectives and targets to guide sustainable procurement activities.	Section 3	Y
The strategic assessment of responsibly sourced materials available locally and nationally.	Section 4	Y
There should be a policy to procure materials locally where appropriate and practical in line with the principles set out in the UK <i>Public Services (Social Value) Act 2012</i> .	Section 1	Y
Responsible sourcing policies that will be employed by the contractor and subcontractor.	Section 1	Y
Procedures that are in place to check and verify that the sustainable procurement plan is being implemented and adhered to on individual projects.	Section 8	Y
Information on how materials will be fully audited and evidenced.	Section 8	Y

Code 1 Accepted

## Appendix 3 ITT Environment Questionnaire

CS JV Sustainable Procurement Questionnaire - ITT Stage					
Below are the key sustainability objectives that our subcontractors need to contribute towards to ensure CS JV meet these on the HS2 EW project. All subcontractor will be assessed on the criteria below and the score will contribute towards the selection criteria.					
No	HS2 Objectives	Question (PLEASE NOTE; IF ANY OF THE QUESTIONS ARE NOT APPLICATION TO THE SCOPE OF YOUR WORKS, PLEASE MENTION SO IN THE RESPONSE COLUMN)	Supplier Response	Scoring Criteria	Score
1	Equality Diversity & Inclusion - Recruitment	<b>How do you comply with the Equality Act 2010 and ensure you take advantage of the benefits of a diverse workforce? What does success in Equality, Diversity and Inclusion look like for your organisation?</b> For example: - Equality Act 2010 included in relevant organisation policy (EDI Policy or similar) - Recruit and develop a workforce that reflects the local community (gender, BAME, LGBT & disability) - Actively seek to engage diverse labour and unemployed groups - Monitor how diverse candidates progress through recruitment, and within the organisation at junior and senior levels		The response provides a very poor approach to assisting to deliver employment and skills, and a very low degree of confidence in successful delivery.	1
				The response provides a poor approach to assisting to deliver a social legacy, and a low degree of confidence in successful delivery.	2
				The response provides a fair approach to assisting to deliver a social legacy, and an acceptable degree of confidence in successful delivery.	3
				The response provides a good approach to assisting to deliver a social legacy, and a high degree of confidence in successful delivery.	4
				The response provides an excellent approach to assisting to deliver a social legacy, and a very high degree of confidence in successful delivery.	5
2	Equality Diversity & Inclusion - Procurement	<b>How do you ensure diverse suppliers have a fair opportunity to compete for supply chain opportunities? What support do you provide to small or women/ disabled/ LGBT owned businesses?</b> For example: - Allocate resource to identify, advertise and communicate relevant procurement opportunities to diverse and small suppliers - Monitor the success rate of small and diverse suppliers in the procurement process to identify and remove barriers, and measure total overall spend with diverse suppliers - Support - training and workshops - for diverse suppliers to improve performance in procurement process (e.g. Supply Chain Sustainability School)		The response provides a very poor approach to assisting to deliver employment and skills, and a very low degree of confidence in successful delivery.	1
				The response provides a poor approach to assisting to deliver a social legacy, and a low degree of confidence in successful delivery.	2
				The response provides a fair approach to assisting to deliver a social legacy, and an acceptable degree of confidence in successful delivery.	3
				The response provides a good approach to assisting to deliver a social legacy, and a high degree of confidence in successful delivery.	4
				The response provides an excellent approach to assisting to deliver a social legacy, and a very high degree of confidence in successful delivery.	5
3	Equality Diversity & Inclusion - Training	<b>What Equality, Diversity and Inclusion training do you offer to staff? How do you measure the impact of training?</b> For example: - Identify the training needs of different staff (e.g. Inclusive Leadership training for Managers, EDI included in Induction for all staff) - Identify the learning outcomes for trainin, and follow up with participants - Training materials created using content from Supply Chain Sustainability School (FIR / Flexible Working etc.)		The response provides a very poor approach to assisting to deliver employment and skills, and a very low degree of confidence in successful delivery.	1
				The response provides a poor approach to assisting to deliver a social legacy, and a low degree of confidence in successful delivery.	2
				The response provides a fair approach to assisting to deliver a social legacy, and an acceptable degree of confidence in successful delivery.	3
				The response provides a good approach to assisting to deliver a social legacy, and a high degree of confidence in successful delivery.	4
				The response provides an excellent approach to assisting to deliver a social legacy, and a very high degree of confidence in successful delivery.	5
4	Community Engagement and Investment	<b>How do you / can you assist CS JV to engage with the local community to maximise our social legacy and provide examples where you have assisted on other projects. for example:</b> - Have you participated in the Considerate Constructors Scheme? If so, please provide evidence of your most recent report - any evidence of Community Engagement activities or where you have added value to local community initiatives - have you engaged with local schools and vulnerable groups to inform them of your working arrangements locally? - If applicable, provide evidence of your employee volunteering programme - evidence of any community investment, charitable contributions or Corporate Social Responsibility activities carried out by your organisation - evidence of roles and responsibilities within your organisation that provide Community Engagement and/or Community Investment support		The response provides a very poor approach to managing and reporting carbon emissions, and a very low degree of confidence in successful delivery.	1
				The response provides a poor approach to managing and reporting carbon emissions, and a low degree of confidence in successful delivery.	2
				The response provides a fair approach to managing and reporting carbon emissions and an acceptable degree of confidence in successful delivery.	3
				The response provides a good approach to managing and reporting carbon emissions, and a high degree of confidence in successful delivery.	4
				The response provides an excellent approach to managing and reporting carbon emissions, and a very high degree of confidence in successful delivery.	5
5	Skills, Employment, Education	<b>How do you ensure that the project has a pipeline of local, diverse and skilled labour? For example:</b> - Established apprenticeship scheme already in place within the organisation - All vacancies to be reported to CSJV 1week before advertising - all recruitment to follow CSJV policy and advertised locally to agreed sources - Place local people into work placements, internships and work experience - Enable return to work programmes for ex-military, ex-offenders and women returners - Offer school engagement activities to schools effected by the works and the National College for High Speed Rail - Promote sustainable employment opportunities and boost skills levels locally and across the UK		The response provides a very poor approach to managing and reporting carbon emissions, and a very low degree of confidence in successful delivery.	1
				The response provides a poor approach to managing and reporting carbon emissions, and a low degree of confidence in successful delivery.	2
				The response provides a fair approach to managing and reporting carbon emissions and an acceptable degree of confidence in successful delivery.	3
				The response provides a good approach to managing and reporting carbon emissions, and a high degree of confidence in successful delivery.	4
				The response provides an excellent approach to managing and reporting carbon emissions, and a very high degree of confidence in successful delivery.	5

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6	Environmental policy/EMS and Performance	<p><b>Please explain how your Environmental Policy is implemented. for example</b></p> <ul style="list-style-type: none"> <li>- Do you have any other policies that fit under the Environmental Policy? please attach a copy of any additional policies</li> <li>- Please provide evidence your Environmental Management System been certified by an independent UKAS accredited assessment body</li> <li>- Do your suppliers (including manufacturers and fabricators) have a certified environmental management system? If yes, please detail suppliers certified with an environmental management system.</li> <li>- Please identify the competent person in your company responsible for coordinating Environmental and Sustainability matters and include relevant qualifications.</li> </ul>		The response provides a very poor approach to managing Environmental matter, and a very low degree of confidence in successful delivery.	1	4
				The response provides a poor approach to managing the environment and little demonstration of suitable systems, and a low degree of confidence in successful delivery of HS2 requirements.	2	
				The response provides a fair approach to managing environmental matters, systems are evident and a degree of supply chain management in place. Named persons in place and an acceptable degree of confidence in successful delivery of HS2 requirements.	3	
				The response provides a good approach to managing environmental matter, ISO14001 in place, core supply chain credentials known and a named individual responsible. A high degree of confidence in successful delivery HS2 requirements.	4	
				The response provides an excellent approach to managing environmental matter, ISO14001 in place, core supply chain credentials known and a named individual responsible. A very high degree of confidence in successful delivery HS2 requirements.	5	
7	Environmental Management Plan & performance	<p><b>Provide examples of how you monitor, audit, review and report your own Environmental Performance</b></p> <ul style="list-style-type: none"> <li>- (e.g. inspection records, audit meetings, resource consumption, targets and objective reviews, incident investigation etc.)</li> <li>- Have you received and understood the environmental management requirements of the contract as set out by the CSJV Area South Environmental Management plan?</li> <li>- If required, will assessment by CSJV be permitted?</li> </ul> <p>If the answers to the above are 'NO', will your company adopt and work to the requirements of the CSJV HS2 Area South EWC Environmental Management System necessary for compliance? (The details will be stated in the event of a Sub-contract being placed)</p> <ul style="list-style-type: none"> <li>- Will your company adhere to all relevant environmental management requirements of the CSJV HS2 Area South Environmental Management System?</li> <li>- Has your company had any environmental enforcement actions raised against it in the last 3 years? If yes, please provide evidence of how you amended your management systems to prevent reoccurrence.</li> </ul>		The response provides a very poor approach to the monitoring of environmental impacts form the organisations operations. No EMP in place, no records that environmental data is being gathered or performance is being monitored. very little acknowledgment of the requirements. A very low degree of confidence in successful delivery of HS2 requirements.	1	5
				The response provides a poor approach to monitoring of environmental impacts form the organisations operations. Minimal environmental documentation in place, limited evidence that environmental data is being gathered and performance monitored. Some Acknowledgment of the requirements. Low degree of confidence in successful delivery of HS2 requirements	2	
				The response provides a fair approach to monitoring of environmental impacts form the organisations operations. environmental documentation evident and in place, Also evidence that that environmental data is being gathered and performance monitored. Clear Acknowledgment of the HS2 requirements. Acceptable degree of confidence in successful delivery of HS2 requirements	3	
				The response provides a good approach to monitoring of environmental impacts form the organisations operations. EMPs documentation in place, good evidence that environmental data is being gathered, performance monitored and targets in place. Good acknowledgment of the requirements and commitment to delieve. High degree of confidence in successful delivery of HS2 requirements	4	
				The response provides an excellent approach monitoring of environmental impacts form the organisations operations. Minimal environmental documentation in place, limited evidence that environmental data is being gathered and performance monitored. Some Acknowledgment of the requirements. Very High degree degree of confidence in successful delivery of HS2 requirements	5	
8	Waste minimisation/ Natural resources	<ul style="list-style-type: none"> <li>- Describe how you will work with CSJV to adhere to the waste hierarchy, designing waste out of the works and/or reuse options</li> <li>- Please provide a list of anticipated activities, associated waste and how these will be reused/recycled Resources</li> <li>- Does your company use sustainable timber products, supplied through PEFC or FSC certified sources? f yes, please quantify the percentage. If yes, please provide supplier details and relevant certification</li> <li>- how will you aid in reducing water use as part of your work package?</li> </ul>		The response provides a very poor approach to managing waste and natural resources. No real consideration and attempt to address these environmental aspects. A very low degree of confidence in successful delivery	1	5
				The response provides a poor approach to managing waste and natural resources. Little consideration or attempt to address these environmental aspects or explain how it will be mitigated or managed. A low degree of confidence in successful delivery.	2	
				The response provides a fair approach to the management of waste and natural resources. Moderate consideration and attempt to address these environmental aspects. Explanation provided on how waste and resurce mitigated or managed. Acceptable degree of confidence in successful delivery	3	
				The response provides a good approach to the management of waste and natural resources. Good consideration of how waste and resource will actively be managed. High degree of confidence in successful delivery.	4	
				The response provides an excellent approach to the management of waste and natural resources. Very good consideration of how waste and resource will actively be managed. Very high degree of confidence in successful delivery.	5	
9	Restricting carbon emmissions	<ul style="list-style-type: none"> <li>- Provide methods by which you will minimise carbon emissions (Scopes 1, 2 and 3) during your works.</li> <li>- Consider options surrounding carbon and energy tracking, energy efficient equipment and plant, material use, different types of methodologies, transportation efficiency.</li> </ul>		The response provides a very poor approach to managing and reporting carbon emissions, and a very low degree of confidence in successful delivery.	1	5
				The response provides a poor approach to managing and reporting carbon emissions, and a low degree of confidence in successful delivery.	2	
				The response provides a fair approach to managing and reporting carbon emissions and an acceptable degree of confidence in successful delivery.	3	
				The response provides a good approach to managing and reporting carbon emissions, and a high degree of confidence in successful delivery.	4	
				The response provides an excellent approach to managing and reporting carbon emissions, and a very high degree of confidence in successful delivery.	5	
10	Plant, vehicles, machinery	<p><b>Confirm how you will comply with the emission standards detailed in HS2 Information Paper E31: AIR QUALITY</b></p>		The response provides a very poor approach to management of emissions standards. A very low degree of confidence in successful delivery.	1	4
				The response provides a poor approach to management of emissions standards. A low degree of confidence in successful delivery.	2	
				The response provides a fair approach to management of emissions standards. A fair degree of confidence in successful delivery.	3	
				The response provides a good approach to management of emissions standards. A good degree of confidence in successful delivery.	4	
				The response provides an excellent approach to management of emissions standards. A high degree of confidence in successful delivery.	5	
11	Pollution	<p><b>for example:</b></p> <ul style="list-style-type: none"> <li>- Provide details of the Best Practicable Means (BPM) you intend to employ to minimise environmental noise from your works.</li> <li>- Have you previously worked in accordance with a Section 61 Consent of the Control of Pollution Act 1947? If yes, please provide examples</li> <li>- How will you minimise the risk of pollution/environmental damage from your operations? i.e. forestry, ecology, habitats, farm land, private land</li> </ul>		The response provides a very poor approach to minimising environmental damage, nuisance pollution and demonstrating BPM from there perations , and a very low degree of confidence in successful delivery.	1	4
				The response provides a poor approach to The response provides a very poor approach to minimising environmental damage, nuisance pollution and demonstrating BPM from there perations , and a degree of confidence in successful delivery.	2	
				The response provides a fair approach to minimising environmental damage, nuisance pollution and demonstrating BPM from there perations , A fair degree of confidence in successful delivery.	3	
				The response provides a good approach to minimising environmental damage, nuisance pollution and demonstrating BPM from there perations , and a good degree of confidence in successful delivery.	4	
				The response provides an excellent approach to managing and reporting carbon emissions, and a very high degree of confidence in successful delivery.	5	

Code 1 Accepted

6	Environmental policy/EMS and Performance	<p><b>Please explain how your Environmental Policy is implemented. for example</b></p> <ul style="list-style-type: none"> <li>- Do you have any other policies that fit under the Environmental Policy? please attach a copy of any additional policies</li> <li>- Please provide evidence your Environmental Management System been certified by an independent UKAS accredited assessment body</li> <li>- Do your suppliers (including manufacturers and fabricators) have a certified environmental management system? If yes, please detail suppliers certified with an environmental management system.</li> <li>- Please identify the competent person in your company responsible for coordinating Environmental and Sustainability matters and include relevant qualifications.</li> </ul>		<p>The response provides a very poor approach to managing Environmental matter, and a very low degree of confidence in successful delivery.</p>	1	4
			<p>The response provides a poor approach to managing the environment and little demonstration of suitable systems, and a low degree of confidence in successful delivery of HS2 requirements.</p>	2		
			<p>The response provides a fair approach to managing environmental matters, systems are evident and a degree of supply chain management in place. Named persons in place and an acceptable degree of confidence in successful delivery of HS2 requirements.</p>	3		
			<p>The response provides a good approach to managing environmental matter, ISO14001 in place, core supply chain credentials known and a named individual responsible. A high degree of confidence in successful delivery HS2 requirements.</p>	4		
			<p>The response provides an excellent approach to managing environmental matter, ISO14001 in place, core supply chain credentials known and a named individual responsible. A very high degree of confidence in successful delivery HS2 requirements.</p>	5		
7	Environmental Management Plan & performance	<p><b>Provide examples of how you monitor, audit, review and report your own Environmental Performance</b></p> <ul style="list-style-type: none"> <li>- (e.g. inspection records, audit meetings, resource consumption, targets and objective reviews, incident investigation etc.)</li> <li>- Have you received and understood the environmental management requirements of the contract as set out by the CSJV Area South Environmental Management plan?</li> <li>- If required, will assessment by CSJV be permitted?</li> </ul> <p>If the answers to the above are 'NO', will your company adopt and work to the requirements of the CSJV HS2 Area South EWC Environmental Management System necessary for compliance? (The details will be stated in the event of a Sub-contract being placed)</p> <ul style="list-style-type: none"> <li>- Will your company adhere to all relevant environmental management requirements of the CSJV HS2 Area South Environmental Management System?</li> <li>- Has your company had any environmental enforcement actions raised against it in the last 3 years? If yes, please provide evidence of how you amended your management systems to prevent reoccurrence.</li> </ul>		<p>The response provides a very poor approach to the monitoring of environmental impacts form the orginisations operations. No EMP in place, no records that environmental data is being gathered or performance is being monitored. very little acknowledgment of the requirements. A very low degree of confidence in successful delivery of HS2 requirements.</p>	1	5
			<p>The response provides a poor approach to monitoring of environmental impacts form the orginisations operations. Minimal environmental documentation in place, limited evidence that environmental data is being gathered and performance monitored. Some Acknowledgment of the requirements., Low degree of confidence in successful delivery of HS2 requirements</p>	2		
			<p>The response provides a fair approach to monitoring of environmental impacts form the orginisations operations. environmental documentation evident and in place, Also evidence that that environmental data is being gathered and performance monitored. Clear Acknowledgment of the HS2 requirements., Acceptable degree of confidence in successful delivery of HS2 requirements</p>	3		
			<p>The response provides a good approach to monitoring of environmental impacts form the orginisations operations. EMPs documentation in place, good evidence that environmental data is being gathered, performance monitored and targets in place. Good acknowledgment of the requirements and commitment to delieve. High degree of confidence in successful delivery of HS2 requirements</p>	4		
			<p>The response provides an excellent approach monitoring of environmental impacts form the orginisations operations. Minimal environmental documentation in place, limited evidence that environmental data is being gathered and performance monitored. Some Acknowledgment of the requirements., Very High degree degree of confidence in successful delivery of HS2 requirements</p>	5		
8	Waste minimisation/ Natural resources	<ul style="list-style-type: none"> <li>- Describe how you will work with CSJV to adhere to the waste hierarchy, designing waste out of the works and/or reuse options</li> <li>- Please provide a list of anticipated activities, associated waste and how these will be reused/recycled Resources</li> <li>- Does your company use sustainable timber products, supplied through PEFC or FSC certified sources? f yes, please quantify the percentage. If yes, please provide supplier details and relevant certification</li> <li>- how will you aid in reducing water use as part of your work package?</li> </ul>		<p>The response provides a very poor approach to managing waste and natural resources. No real consideration and attempt to address these environmental aspects. A very low degree of confidence in successful delivery</p>	1	5
			<p>The response provides a poor approach to managing waste and natural resources. Little consideration or attempt to address these environmental aspects or explain how it will be mitigated or managed. A low degree of confidence in successful delivery.</p>	2		
			<p>The response provides a fair approach to the management of waste and natural resources. Moderate consideration and attempt to address these environmental aspects. Explanation provided on how waste and resurce mitigated or managed. Acceptable degree of confidence in successful delivery.</p>	3		
			<p>The response provides a good approach to the management of waste and natural resources. Good consideration of how waste and resource will actively be managed. High degree of confidence in successful delivery.</p>	4		
			<p>The response provides an excellent approach to the management of waste and natural resources. Very good consideration of how waste and resource will actively be managed. Very high degree of confidence in successful delivery.</p>	5		
9	Restricting carbon emmissions	<ul style="list-style-type: none"> <li>- Provide methods by which you will minimise carbon emissions (Scopes 1, 2 and 3) during your works.</li> <li>- Consider options surrounding carbon and energy tracking, energy efficient equipment and plant, material use, different types of methodologies, transportation efficiency.</li> </ul>		<p>The response provides a very poor approach to managing and reporting carbon emissions, and a very low degree of confidence in successful delivery.</p>	1	5
			<p>The response provides a poor approach to managing and reporting carbon emissions, and a low degree of confidence in successful delivery.</p>	2		
			<p>The response provides a fair approach to managing and reporting carbon emissions and an acceptable degree of confidence in successful delivery.</p>	3		
			<p>The response provides a good approach to managing and reporting carbon emissions, and a high degree of confidence in successful delivery.</p>	4		
			<p>The response provides an excellent approach to managing and reporting carbon emissions, and a very high degree of confidence in successful delivery.</p>	5		
10	Plant, vehicles, machinery	<p><b>Confirm how you will comply with the emission standards detailed in HS2 Information Paper E31: AIR QUALITY</b></p>		<p>The response provides a very poor approach to management of emissions standards. A very low degree of confidence in successful delivery.</p>	1	4
			<p>The response provides a poor approach to management of emissions standards. A low degree of confidence in successful delivery.</p>	2		
			<p>The response provides a fair approach to management of emissions standards. A fair degree of confidence in successful delivery.</p>	3		
			<p>The response provides a good approach to management of emissions standards. A good degree of confidence in successful delivery.</p>	4		
			<p>The response provides an excellent approach to management of emissions standards. A high degree of confidence in successful delivery.</p>	5		
11	Pollution	<p><b>for example:</b></p> <ul style="list-style-type: none"> <li>- Provide details of the Best Practicable Means (BPM) you intend to employ to minimise environmental noise from your works.</li> <li>- Have you previously worked in accordance with a Section 61 Consent of the Control of Pollution Act 1947? If yes, please provide examples</li> <li>- How will you minimise the risk of pollution/environmental damage from your operations? i.e. forestry, ecology, habitats, farm land, private land</li> </ul>		<p>The response provides a very poor approach to minimising environmental damage, nuisance pollution and demonstrating BPM from there perations , and a very low degree of confidence in successful delivery.</p>	1	4
			<p>The response provides a poor approach to The response provides a very poor approach to minimising environmental damage, nuisance pollution and demonstrating BPM from there perations , and a degree of confidence in successful delivery.</p>	2		
			<p>The response provides a fair approach to minimising environmental damage, nuisance pollution and demonstrating BPM from there perations , A fair degree of confidence in successful delivery.</p>	3		
			<p>The response provides a good approach to minimising environmental damage, nuisance pollution and demonstrating BPM from there perations , and a good degree of confidence in successful delivery.</p>	4		
			<p>The response provides an excellent approach to managing and reporting carbon emissions, and a very high degree of confidence in successful delivery.</p>	5		

Code 1 Accepted