

Environment Agency

NEC4 engineering and construction contract (ECC)

Scope

Project / contract information

Project name	Curry Moor Reservoir Urgent Works MIOS (ii) Levee Works
Project 1B1S reference	ENV0002496C
Contract reference	33067
Date	21/07/2021
Version number	Version 5.0
Author	Atkins

Revision history

Revision date	Summary of changes	Version number
23/05/2021	First issue as draft for client comment and actions	1.0
04/06/2021	Further amendments added	2.0
16/06/2021	Amended for Client Comments	3.0
16/07/2021	Amended for Contractor Comments	4.0
21/07/2021	Amended to final issue status	5.0

This Scope shall be read in conjunction with the version of the Minimum Technical Requirements current at the Contract Date. In the event of conflict, this Scope shall prevail. The *Works* are to be compliant with the following version of the Minimum Technical Requirements:

Document	Document Title	Issue date
412_13_SD01	Minimum Technical Requirements	Feb 2020

customer service line
03708 506 506
www.environment-agency.gov.uk

incident hotline
0800 80 70 60

floodline
0845 988 1188

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S 100 Description of the Works

Description of the Works

The drawings describing the *Works* are included in Appendix 3.

The *Works* comprise widening of the 333m long section of levee along the north (left) bank of the River Tone, immediately east of New Bridge on New Road to provide a geotechnically stable homogeneous slope on the field side, with a 6m wide crest, in order to repair the embankment and maintain safe access

The main elements of the *Works* comprise:

- Widening of the existing levee crest and slope on the field side with imported cohesive material compacted as engineering fill, to achieve a minimum crest width of 6m and a field side slope of 1(v):6.0(h).
- Localised filling of low spots by up to approximately 300mm in the existing levee crest.
- Installation of a 3m wide stone surfaced track on the widened levee crest.

S 101 Purpose of the works / Outcome required

The need for remedial works to the River Tone left bank levee downstream of New Bridge section was first identified in the Report made under Section 10 of the Reservoirs Act 1975 (S10 Report, Jacobs, 2019) under measures in the interest of safety (MIOS), item (ii), with a deadline of 2022 for the assessment and 2025 for remedial construction works. The levee was identified as being in poor condition, with signs of slope movement and overflow, which could lead to loss of access along the crest and the risk of collapse causing a surge of water to enter the reservoir. The Inspecting Engineer recommended that this section of the raised riverbank is repaired to improve its stability, access and, if required, reduce the risk of overflow and maintain safe vehicle access along the crest.

However, for reasons including the deterioration of the section of levee and riverbank observed after the 2019 inspection, the Supervising Engineer in 2020 gave advice to treat the remedial works as urgent works, to be completed by the end of summer 2021.

The purpose of The Reservoirs Act 1975 is to ensure adequate safety in the design, construction and operation of a large raised reservoir. As the Undertaker for a large raised reservoir, the Environment Agency is responsible for the safety of that reservoir under the provisions of the Act.

As such, the Environment Agency has a legal obligation to carry out the recommended improvements within the fixed timeframes identified by the Inspecting Engineer.

The Curry Moor Urgent Works project is to provide improvements to the reservoir in order to address the 'Measures in the Interests of Safety' (MIOS ii), as described above.

The required outcome is to construct the improvements as shown on the drawings and within the constraints detailed in the Scope.

The Contractor shall ensure that the Works are compliant with the specification document (ENV0002496C-ATK-DE-2LD-SP-C-0002).

The *Contractor* shall work collaboratively with relevant stakeholders to provide the *Works*.

S 200 General constraints on how the *Contractor* provides the *Works*

S 201 General constraints

The *Contractor* shall comply with the following constraints in addition to the requirements of the Minimum Technical Requirements.

Use of the Site

The *Contractor* shall only use the Site for purpose of delivering the *Works* .

The *Contractor* shall identify and obtain all temporary consents for delivering the *Works*, these include:

- Flood Risk Activity Permit (FRAP): The *Contractor* to confirm the result of their application for a FRAP issued to the EA (PNSO team) on 16th May 2021.
- Public Rights of Way (PROW) diversion: The *Contractor* to confirm the result of their application for a footpath diversion to Somerset County Council.

The *Contractor* shall submit their proposals for the site compound layout including the footpath diversion to the *Project Manager* for acceptance,

Access to the Site

The **boundaries of the site** are shown on the Site Boundary plan drawing – ENV0002496C-ATK-CM-M2-DR-C-1112 revision C1. If an additional compound is required outside of the Withies Field, the Contractor is to consider using the area owned by the EA on the south / right bank as used during the ground investigation, the extent of this area is defined in the same drawing.

The *Contractor* shall provide a plan of the temporary footpath diversion which will follow the northern then western boundary of the withies field, then rejoin with the path on the embankment crest just before the gate to New Road. This means that the temporary footpath will have to cross over the construction site access road into the field from New Road. The *Contractor* shall submit its proposals for management of the risk to the public at this location to the *Project Manager* for acceptance.

The temporary footpath will cross the ditch at the eastern side of the Withies field. The *Contractor* shall submit its proposal for a temporary footpath crossing, in accordance with the PROW diversion approval, to the *Project Manager* for acceptance.

The *Contractor* shall prepare a site management plan, detailing the following as a minimum, for the acceptance of the *Project Manager*:

- Access to the Site.
- Vehicular traffic routes around the Site.
- Pedestrian walkways around the Site.
- Parking areas.
- Storage areas.

Records of Existing features required

The *Contractor* shall make a photographic record of the existing embankment and the two fields within the site area, and the boundary fences and gates which to be removed and/or replaced prior to the start of construction.

The photographic record shall also include the outside walls of the farmhouse called 'New Bridge', on the west side of the bridge adjacent to the *Working Area*. These shall form a record of the condition of the building.

Noise and vibration

Noise and vibration levels shall be limited to those noted in the Minimum Technical Requirements. The residents of the farmhouse called 'New Bridge' shall be consulted/notified by the *Contractor* before works commence and given information on the noise levels expected and the working hours planned.

Working hours

Normal working hours will be from 0700 to 1900 Monday to Saturday with no works on Sundays or bank holidays. Where practicable, operations which may cause noise and or vibration disturbance shall be scheduled for daylight working.

Client working hours including Environment Agency field team will be from 0800 to 1800 Monday to Friday, with no Saturday, Sundays or Bank holiday working.

Parking

The *Contractor* shall provide adequate parking for site based personnel and visitors within the main compound. All *Contractor* personnel shall park within the designated car park areas. The car parking area shall be within the proposed site compound within the Withies field extents as indicated in the GA plan drawing ENV0002496C-ATK-CM-M2-DR-C-1101 (Appendix 1, item 1). The parking area is to be designated by the *Contractor*. Parking will be limited and only vehicles essential for the construction work shall enter the Site.

No parking is allowed outside these areas unless the *Contractor*, via a request through the *Project Manager*, enters into specific agreements with Landowners and/or Authorities. The *Contractor* is responsible for obtaining any required consents for parking areas outside the agreed site compound.

Storage of fuel and chemicals

All materials shall be carefully and properly stored in accordance with the suppliers' or manufacturers' instructions and directions, and in accordance with the *Contractor's* accepted Pollution Prevention Plan.

Any materials that are found to be damaged, or that have suffered deterioration for any reasons whatsoever, shall not be incorporated in the *works*, shall be removed from the Site forthwith and shall be replaced with materials that comply with the Scope.

The *Contractor* shall not make use of public highways, thoroughfares or footpaths for depositing and storing Plant and Materials but shall make provision for the proper storage and protection of all Plant and Materials on the Site. All such provisions shall be removed at Completion and any disturbance made good.

Pollution, ecological and environmental impacts.

The *Client* is committed to the environmental principles of stewardship and sustainability and has corporate goals to maintain and enhance the water environment. The *Contractor* shall provide the *works* in accordance with environmental best practice.

The *Contractor* shall comply with all current and relevant environmental legislation, guidance and other such documentation.

Activities within or adjacent to the watercourse shall be carried out in such a manner as to minimise environmental disturbance and in accordance with *Contractor's* Method Statements accepted by the *Project Manager*.

The *Contractor* shall ensure all refuelling and servicing of vehicles are carried out within a designated area away from watercourses and are undertaken in accordance with the Environment Agency's Safety, Health, Environment, Welfare Code Of Practice (SHEW COP).

Construction works are to adhere to BS 5837 'Guide for trees in relation to construction' and BS 3998:2010. No clearance of trees or scrub permitted without prior agreement with the *Client*.

Any vegetation to be removed shall be checked by the Environmental Clerk of Works (ECW), the *Contractor* shall provide two weeks' notice in advance of any vegetation clearance. To minimise unnecessary damage or loss to vegetation, the Site will be accessed by a defined access route.

An Environmental Action Plan (EAP) shall be in place before any works commence on the Site (including site set-up). The *Contractor* shall comply with the requirements of the EAP.

The specific environmental risks are detailed in the EAP (Appendix 4).

The *Contractor* shall plan and order all their activities to achieve the following:

- Avoidance of pollution of any waters (surface or underground). In the event of a watercourse being polluted as a result of their work, the *Contractor* shall be responsible for taking immediate action to prevent the pollution spreading downstream in accordance with its Emergency Pollution Response Plan and shall immediately report any incident to the Environment Agency.
- Avoidance of pollution of any land.
- Preservation of flora and fauna.
- Avoidance of nuisance of sounds, vibrations and dust.
- Minimize energy and water use.

Constraints imposed to meet the requirements of Others.

Not applicable.

S 202 Confidentiality

The *Contractor* does not disclose information in connection with the *works* except when necessary to carry out their duties under the contract or their obligations under the contract

The *Contractor* may publicise the *works* only with the *Client's* written permission.

S 203 Security and protection on the Site

Refer to the 'Environment Agency Minimum Technical Requirements'.

The *Contractor* manages the security and protection of the Site. The *Contractor* shall ensure that the Site is left properly secured at the end of each working day.

The *Contractor* shall obtain and procure all necessary temporary permits to divert the PROW during construction. The *Contractor* shall provide safety systems, signage and fencing for security and protection of the public.

S 204 Security and identification of people

None required

S 205 Protection of existing structures and services

Refer to the 'Environment Agency Minimum Technical Requirements'.

The *Contractor* shall be responsible for repairing any structure or service damaged by *Contractor's* negligence and for any consequence of damage during the execution of the *works* due to the *Contractors* negligence.

The *Contractor* shall only remove any fencing, gates or structures with the prior approval of the *Project Manager*. The *Contractor* shall record the location of any third-party property (e.g. fences and gates etc.) prior to removal and any replaced or reinstated shall be recorded on the as-constructed drawings.

All readily available services information within the boundaries of *the site* is included within the Site Information. Prior to carrying out the *works* the *Contractor* shall independently verify the location of all known services.

The *Contractor* is responsible for all temporary works to facilitate the works.

S 206 Protection of the works

The *Contractor* shall protect the *works*, Material, Plant and Equipment from damage.

S 207 Cleanliness of the roads

Refer to the 'Environment Agency Minimum Technical Requirements'.

S 208 Traffic Management

The *Contractor* prepares a Traffic Management Plan for submission to and acceptance by the *Project Manager*. The Plan demonstrates arrangements for safe management of all forms of traffic in the vicinity of the Site where these may be affected by the *works*, including site personnel and plant, road vehicles of all kinds, cyclists and pedestrians.

The *Contractor* obtains all necessary temporary consents required for traffic management and pays for all application and processing charges.

S 209 Condition survey

Refer to the 'Environment Agency Minimum Technical Requirements' especially in respect to record photographs, noting the below additional requirements.

Before commencement of the *works* on Site, the *Contractor* undertakes 'Pre-starting condition surveys' of all highways, property, land and any other features which may be affected by the construction works (including boundaries, gates, fences, walls as well as land and surfaces (including the depth and condition of any topsoil, if present) within the Working Areas, access routes, Site compounds and all private properties and structures adjacent to the Working Areas.

The pre-starting condition survey comprises as a minimum of photographs of the condition of the original features on the land and an inventory of all items moved by the *Contractor* and where they are stored. The *Contractor* will make a note of any existing damage and bring this to the attention of the landowner or tenant. Photographs, surveys and inventories must be date stamped and copies held by the *Contractor*. Four copies shall be made and sent to the affected landowner, the *Client*, the *Client's* estates officers and the *Project Manager*.

The *Contractor* shall undertake similar 'Post-completion condition surveys' when the *works* are complete, and on dates agreed with the *Project Manager*.

The *Contractor* shall undertake the condition surveys in conjunction with the *Project Manager* and accompanied by any others invited by the *Contractor* or *Project Manager*. The *Contractor* and *Project Manager* notify each other in advance if any others are invited. The *Contractor* shall remedy negligent damage and consequences of damage attributable to the *Contractor's* activities at their own cost.

The *Contractor* gives at least 3 working days' notice to the *Project Manager* prior to any condition survey. The survey record shall be stored in the BIM archive.

S 2010 Consideration of Others

The public shall be excluded from the Working Areas at all times and all works must be undertaken to minimise risks to the public. The *Contractor* will be responsible for putting in and maintaining the footpath diversion for the duration of the *works* in accordance with the requirements of the associated permit/approval.

S 2011 Control of site personnel

The *Contractor* shall ensure that all persons working on or visiting the Site hold a valid and current Construction Skills Certification Scheme (CSCS) card. Persons without this card shall be escorted at all times by a member of the site team.

A visitor's book shall be maintained by the *Contractor* at the site compound location in which the date, the time in, the time out, evidence of a specific Health and Safety induction, CSCS number, and the name and company of the person visiting shall be noted.

The *Contractor* shall make appropriate arrangements for the control of people working and visiting the Site.

S 2012 Site cleanliness

The *Contractor* shall ensure that the Site is left tidy at the end of each working day.

S 2013 Waste materials

The *Contractor* shall comply with the "Environment Agency minimum Technical Requirements", the Specification and all current and relevant environmental legislation, guidance, licensing requirements and other such documentation. The *Contractor* is responsible for all waste disposal fees.

S 2014 Deleterious and hazardous materials

The *Contractor* shall comply with all current and relevant environmental legislation, guidance and other such documentation.

S 2015 Setting Out

The baseline setting out information will be added to drawing ENV0002496C-ATK-CM-M2-DR-C-1101. The *Contractor* shall establish these lines on the Site and confirm the position with the *Supervisor* before commencement of any construction work. The *Contractor* shall check the provision of any level reference points shown on the drawings and confirm the position and level with the *Supervisor* before use for setting out the works. The *Contractor* shall inform the *Project Manager* when all setting out reference points have been agreed, checked and confirmed.

S 300 Contractor's design

S 301 Design responsibility

The *Contractor* shall undertake the design of the temporary works required.

The *Contractor* shall design the temporary works in accordance with the latest Eurocode standards and/or other relevant industry standards or codes of practice. The *Contractor* shall submit full calculations to the *Project Manager* on request.

S 302 Design submission procedures

Any temporary works design shall be submitted to the project manager for acceptance.

S 303 Design approval from Others

No specific requirements.

S 304 Client's requirements

No specific requirements.

S 305 Design co-ordination

No specific requirements.

S 306 Requirements of Others

No specific requirements.

S 307 Copyright/licence

No specific requirement.

S 308 Access to information following Completion

Refer to the 'Environment Agency Minimum Technical Requirements', and the Construction (Design and Management) Regulations 2015.

S 400 Completion

S 401 Completion definition

The following are absolute requirements for Completion to be certified, without these items the *Client* is unable to use the *Works*:

- There are no Defects that prevent safe access and operation by the *Client*
- There are no Defects that present a health and safety hazard to the public or landowners
- The required information to inform the Health and Safety File (one electronic version)
- 1 hard copy of marked-up drawings to inform the As Built drawings
- Population of the *Client's* latest version of the Project Cost Tool, or its successor
- Transfer to the *Client* databases of BIM data
- Delivery of the Final Carbon Report

The Completion of the *Works* on the embankment as defined above is to be certified by the Qualified Civil Engineer (QCE) as appointed by the Environment Agency under the Reservoirs Act 1975.

S 402 Sectional Completion definition

There are no defined sub-sections of the *Works*.

S 403 Training

Not applicable.

S 404 Final Clean

The area within *the boundaries of the site* (as on the GA plan drawing 1101) are to be cleaned of any rubbish or stones deposited during the works.

S 405 Security

No specific requirements.

S 406 Correcting Defects

The *Contractor* shall liaise with the *Project Manager* and *Client* regarding arrangements for access for the correction of Defects following Completion. Access may not be granted immediately due to activities being undertaken by the landowners. Prior notification of 2 weeks is therefore required.

S 407 Pre-Completion arrangements

Prior to any works being offered for Completion the *Contractor* shall arrange a joint inspection with the *Supervisor, Project Manager and Client*. The initial inspection shall take place a minimum of three weeks in advance of the planned *Completion*.

S 408 Take over

The *Client* will take over the Site upon Completion.

S 500 Programme

S 501 Programme requirements

The programme complies with the requirements of NEC4 Clause 31.2 and includes alignment and submission of the BEP and Master Information Delivery Plan (MIDP).

The *Contractor* shall:

- Develop a fully resourced programme that shall show the period for design of temporary *Works* and construction including necessary time for internal reviews, external consultation and securing statutory approvals.

- Show linkages between the activities and products. The key activities and deliverables shall be highlighted.

The programme is to allow for a 1 week review of RAMS and emergency action plan. If these are not accepted, a further 1 week shall be allowed for any subsequent review(s) until acceptance.

The programme shall show the progress and percentage completion of each activity.

In preparing the Programme and Critical Path the *Contractor* shall clearly show the co-ordination of the work with the requirements of the *Client*, Statutory Bodies, Public Authorities and Utility Companies and shall make allowance for giving notices in accordance with the Conditions of Contract and the Special Requirements in relation to the Authorities and other Bodies.

S 502 Programme arrangement

No specific requirements.

S 503 Methodology statement

The Contractor shall submit to the *Project Manager* for review Method Statements supporting the programme including full particulars of the methods, timing and sequence of construction, including the use and design of temporary *works*, Materials, Plant and Equipment proposed by the *Contractor*. Method statements shall contain sufficient information to enable the *Project Manager* to assess any likely detriment to either the proposed or the existing *works* or to the *Client's* overall objectives.

All method statements submitted to the *Project Manager* are to include environmental management actions where relevant.

The *Contractor* shall issue method statements two weeks in advance of carrying out items of work. The *Contractor* allows the period for reply for review of method statements. Work does not commence until the *Project Manager* has accepted the relevant method statement. The *Contractor* shall complete the work in accordance with the accepted method statement.

S 504 Work of the *Client* and Others

Not applicable.

S 505 Information required

No specific requirements.

S 506 Revised programme

No specific requirement.

S 600 Quality management

S 601 Samples

No specific requirements.

S 602 Quality Statement

No specific requirements.

S 603 Quality management system

No specific requirements.

S 604 BIM requirements

The *Contractor* shall apply BIM, including data collation, in accordance with the *Client's* BIM protocols detailed in Appendices 1 and 2.

All documents to be uploaded to Asite in a BIM compliant manner.

S 700 Tests and inspections

S 701 Tests and inspections

The Contractor shall undertake testing and inspection of Materials and the Works in accordance with the specification. Any imported cohesive fill material or topsoil shall be tested prior to arrival on site for geotechnical and environmental suitability and agreed with the Client or their representative.

S 702 Management of tests and inspections

Results of tests shall be provided to the *Client* or their representative as soon as available.

S 703 Covering up completed work

Not applicable.

S 704 Supervisor's procedures for inspections and watching tests

Requirements for supervision of inspection of materials will be detailed in the specification.

S 800 Management of the Works

S 801 Project team – Others

As identified in the Contract Data.

S 802 Communications

The *Contractor* shall agree the following requirements with the *Client* and *Project Manager*:

- Meetings, attendees and meeting records,
- Reporting requirements (eg progress reports, recipients of reports),
- Information requirements,
- Electronic systems and communications,

- Use of standard forms and templates,
- Terminology and abbreviations.

A-Site and FastDraft shall be used for document issue and contractual correspondence.

S 803 Monthly Progress Reporting

The *Contractor* shall:

- Attend a pre-commencement meeting by the team and the *Project Manager* shall take the minutes for this and all future meetings.
- Provide a suitable meeting room at their site offices.
- Prepare and submit written monthly progress reports and payment applications to the *Project Manager* before the 8th of each month.
- Prepare and update programme and financial monitoring/forecasting (including risk reviews) to the *Project Manager* before the 8th of each month.
- Attend monthly project team meetings.
- Review and update the lessons learnt log during monthly progress meetings and disseminate any key lessons learnt.
- Review and update the issues log during monthly progress meetings and determine the appropriate action required to resolve.
- Provide a senior representative for all Project Board meetings if requested by the *Client*.
- Provide information for the project efficiency register, including estimated and actual cost for any efficiency identified using the Combined Efficiency Recording Tool (CERT) form and submit to the *Client* quarterly to suit CERT dates.

Monthly progress reports shall be provided in the format included in the Contract Management System, A-Site]. In addition to meeting the Minimum Technical Requirements and reporting on progress of activities on the programme and description of risks, early Warnings and Compensation events the *Contractor* shall include financial and carbon updates and forecasts to meet programme targets together with the production of checkpoint reports, end stage reports, exception reports (as required), end project report, daily log and other management products.

[Refer to Clause 1.25 of the Minimum Technical Requirements for progress reporting requirements.]

S 900 Working with the *Client* and Others

S 901 Sharing the Working Areas with the *Client* and Others

The working area is within a flood storage reservoir which may be come into use by being flooded from other locations on the River Tone embankment, such as the spillway at Hook Bridge to the east of the site. The *Client* will inform the *Contractor* of any such impending use of the reservoir based on weather forecasts and river level monitoring alerts.

S 902 Co-operation

No specific requirements.

S 903 Co-ordination

No specific requirements.

S 904 Authorities and utilities providers

The Site and New Bridge are within Somerset West and Taunton District.

There is an overhead electric line running across the river to the farm-house on the west side of the bridge. There are BT cables within New Bridge and, Wales and West Utilities, Somerset County Council and Western Power Distribution infrastructure all outside of the *boundaries of the site*. The services that have been identified are shown in the Site Information.

Although there are no services identified within the boundaries of the *site*, the *Contractor* shall check for buried services before excavation. If any are found, these shall be identified with hand-dug trial pits and the service owner/utilities provider contacted and the *Client* shall be informed.

S 905 Diversity and working with the *Client*, Others and the public

Public: The *Contractor* shall assist with the stakeholder engagement process (for the landowners affected) which is to be managed by the *Client*. This shall include meetings with the landowners and agreement of any changes to the proposed treatment of topsoil in the withies field. The *Contractor* shall work to the stakeholder engagement plan provided by the *Client*. Changes to the process shall be requested through the *Client*.

S 1000 Services and other things to be provided

S 1001 Services and other things for the use of the *Client*, *Project Manager* or Others to be provided by the *Contractor*

The *Contractor* shall provide welfare facilities that can be shared by the project team members when on the Site.

S 1002 Services and other things to be provided by the *Client*

Access to areas within the *boundaries of the site* – comprising the site boundaries include working areas and the primary site compound. The contractor may request the use of a secondary site compound on the *Client's* land on the south / right bank of the river if required.

S 1100 Health and safety

S 1101 Health and safety requirements

The *Contractor* shall comply with the requirements of:

- The *Client's* 'Constructing a Better Environment' 677_15 Safety, Health, Environment and Wellbeing (SHEW) Code of Practice (CoP) Version 2 dated October 2017.
- The *Client's* Operational Instruction 300_10; Safety, Health and Environment (SHE) handbook for managing capital projects Version 6 dated February 2016.

The *Contractor* shall register with the Environment Agency's Area Flood Warning team before commencing construction. The *Contractor* may arrange regular weather forecast information from the Environment Agency's Flood Warning team. The *Client* is not liable for any consequences if it is unable to provide either flood warnings or weather forecasts, or if they prove inaccurate. The *Contractor* shall procure a Flood Risk Activity Permit before commencing any works on the Site and follow the protocols set out within it.

The *Contractor* shall undertake the necessary Designer's (refer to the PCI for the outline DRA) and Public Safety Risk Assessments for any design they undertake.

A copy of the H&S Notification will be provided to the *Contractor* prior to commencement of the *Works*.

The *Contractor* shall make all health and safety records available to the *Project Manager* for inspection if required.

S 1102 Method statements

The *Contractor* shall produce method statements for all construction activities to deliver the *works* to be submitted to the Principal Designer and *Client's* CDM Advisor.

S 1103 Legal requirements

The *Contractor* shall fulfil the role of Principal Contractor under the Construction Design and Management Regulations 2015 for the duration of the *works*. The *Client* shall provide a CDM advisor / Principal Designer for the duration of the *works*.

S 1104 Inspections

The *Contractor* shall allow the *Client* access to all health and safety document, without prior notice, for inspection.

S 1200 Subcontracting

S 1201 Restrictions or requirements for subcontracting

The *Contractor* shall provide the *Project Manager* details of proposed Subcontractors and suppliers, including method statements and risk assessments, for acceptance.

The *Contractor* shall provide the *Project Manager* with details of proposed Sub-contractors and suppliers, including method statements and risk assessments, for acceptance prior to Sub-contractor's commencing the *Works*, and prior to suppliers providing Plant or Materials in connection with the *Works*.

The *Contractor* shall quality assure all subcontracted items of the *Works*, including environmental products, prior to submission for review, or prior to requesting an inspection by the *Project Manager*, *Client* or *Supervisor*.

S 1202 Acceptance procedures

NEC4 Clauses 26.3 and 11.2(25) (Options C and E) State any specific submission and acceptance procedures for the proposed subcontracts not based upon the NEC contract. The basic requirement for submission and acceptance is dealt with in subclause 26.3

S 1300 Title

S 1301 Marking

Not applicable

S 1302 Materials from Excavation and demolition

The *Contractor* has no title to materials from the *Works* without the agreement of the *Client*.

S 1400 Acceptance or procurement procedure (Options C and E)

Not applicable.

S 1500 Accounts and records (Options C and E)

S 1501 Additional Records

NEC4 Clause 52.2 (Options C and E) List the additional records to be kept by the *Contractor*. This may include but not be limited to the following:

- Timesheets and site allocation sheets,
- Equipment records,
- Forecasts of the total Defined Cost,(Forecasts are to include, but not be limited to costs to date, costs to completion including detailed breakdown of staff, sub-contract and major material items)
- Specific procurement and cost reports

The format and presentation of records to be kept are to be accepted by the *Project Manager*.

S 1600 Parent Company Guarantee (Option X4)

Not required

S 1700 *Client's work specifications and drawings*

S 1701 *Client's work specification*

The Project-Specific Technical Specification comprises the Curry Moor Reservoir Urgent Works - Civil Work Specification document and the Environment Agency's Minimum Technical Requirements, which are amendments and addenda to the Civil Engineering Specification for the Water Industry (CESWI) 7th Edition.

Where there is a conflict the Minimum Technical Requirements shall take precedence.

S 1702 *Drawings*

The drawings included in the Scope are identified in Appendix 3.

S 1703 *Standards the Contractor will comply with*

The *Contractor* shall carry out their work using the following guidance as a minimum

Ref	Report Name	Where used
	Sustainability reporting requirements in accordance with the CDF reporting requirements	
	300_10 SHE handbook for managing capital projects	
	300_10_SD27 SHEW Code of Practice	

Appendix 1 BIM Protocol – Information Production and Delivery Table

Refer to Asite

Appendix 2 BIM Protocol – Client's Information requirements

The EIR is provided as a separate document

Appendix 3 Drawings

Drawing No and Title	Drawing version
ENV0002496C-ATK-CM-M2-DR-C-1101 - General Arrangement	C3
ENV0002496C-ATK-CM-M2-DR-C-1102 - Embankment Rebuilding Works Cross section	C3
ENV0002496C-ATK-CM-M2-DR-C-1104 - Embankment Long Section	C3
ENV0002496C-ATK-CM-M2-DR-C-1110 – Embankment Rebuilding Works to Widen Profile Cross Section	C1
ENV0002496C-ATK-CM-M2-DR-C-1111 – Embankment Rebuilding Works to Widen Profile Cross Section	C1
ENV0002496C-ATK-CM-M2-DR-C-1112- Embankment Rebuilding Works Site Boundary	C1