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Tender

Teddington Direct River Abstraction (TDRA) Tunnelling Main Works Contract (MWC)

THAMES WATER UTILITIES LIMITED

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-028281

Procurement identifier (OCID): ocds-h6vhtk-05286c

Published 28 May 2025, 5:58pm

Scope

Reference

SO2267

Description

Design, build, test and commission of the following two main components:

i) A recycled water conveyance tunnel from Mogden Sewage Treatment Works (STW) to Teddington. A new approximately 4.2km long tunnelled conveyance route approximately 3.5m internal diameter (ID) would be driven using a Tunnel Boring Machine (TBM) and constructed to connect a new Tertiary Treatment Plant (provided by others) in Mogden STW to the proposed outfall on the riverbank of the River Thames upstream of Teddington Weir. The tunnel would have four shafts.

ii) River abstraction and transfer to the existing Thames Lee Tunnel (TLT): The river

abstraction would be located approximately 175m upstream of the proposed new outfall. The abstracted river flow would be conveyed to the TLT through a smaller diameter (up to 2.2m ID) pipe installed using a pipe jacking technique.

The scope will include, but not be limited to:

Construction Design activities

Architectural

Building M&E

Civils and Structural engineering including earthworks

Enabling works

Drainage

Geotechnical

Ground movement impact

Mechanical, Electrical, Instrumentation, Control and Automation (MEICA) including a SCADA (Supervisory Control and Data Acquisition) system

Hydraulic Modelling

Materials durability

Renewables / Carbon mitigation

Rivers and Watercourses

Traffic & Highways

Shafts & Tunnels

Utilities

Disposal of excavated material

The NEC4 Engineering and Construction Contract comprise two stages, with a decision point as to whether to proceed to construction between Stages One and Two. If the decision point is passed, then a Notice to Proceed (NTP) will be issued.

Stage One, also known as the Early Contractor Involvement stage, will provide construction related support to the Client during its planning process, which comprises an application for a Development Consent Order (DCO). Using the DCO reference design (provided by others) as a constraint to the scope, the TDRA Tunnelling MWC will develop the design for construction, which will be integrated with construction planning, into the subsequent Stage Two, being the delivery / construction phase.

The decision gate to proceed to Stage Two will be dependent on a number of matters, including: 1) An accepted design that meets the requirements of the contract; 2) agreement on a target price; and 3) the granting of the DCO. The agreement of a target price for Stage Two will be constrained by the Client's budget and will be developed in accordance with a Pricing Information Schedule appended to the contract. The Pricing Information Schedule will include an exhaustive list of specific "Adjustment Events" which may adjust the target price for Stage Two.

Subject to the Client issuing a NTP, Stage Two will commence with an initial period to comply with any secondary consenting issues, followed by mobilisation to commence construction. Following construction, a testing and commissioning phase will be required with a scheduled target date of Water Available for Use (WAFU) of 31 March 2033.

Total value (estimated)

- £242,000,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 2 October 2026 to 31 March 2033
- 6 years, 5 months, 30 days

Main procurement category

Works

CPV classifications

- 45000000 - Construction work

Contract locations

- UKI - London

Participation

Legal and financial capacity conditions of participation

As set out in the PSQ Pack, Part 2 Section 4.2.

The estimated value of the contract is stated at May 2024 prices and excludes any estimate for inflation over the life of the contract.

Technical ability conditions of participation

As set out in the PSQ Pack, Part 2 Section 4.2.

Submission

Enquiry deadline

20 June 2025, 11:00am

Submission type

Requests to participate

Deadline for requests to participate

7 July 2025, 11:00am

Submission address and any special instructions

https://forms.office.com/pages/responsepage.aspx?id=zb56VRQyu0-OUUFLaOu3ljMaVmeD31JAKhT_shZ_UxpUOVhYQk1RRU9FWEZHTzUyR0dDNFJMVksyNS4u&route=shorturl

This link will take interested parties to the Registration of Interest page. Completing the Registration of Interest form will then provide access to the secure site containing the Procurement Specific Questionnaire Pack (PSQ Pack) and submission portal.

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Suppliers to be invited to tender

Maximum 4 suppliers

Selection criteria:

TWUL will assess PSQ Responses in accordance with the Assessment Methodology published in the PSQ Pack to identify eligible Applicants that have met the Minimum Standards and to shortlist the four highest scoring Applicants. It is intended that the top four Applicants will be invited to Tender, however, the actual number of Applicants invited to Tender could be higher or lower than four depending on whether the scenario arises that is set out in PSQ Pack Part 1, paragraphs 4.6.22 and 4.6.23 of the PSQ Pack.

Award decision date (estimated)

2 October 2026

Award criteria

Name	Description	Type	Weighting
Quality	Quality sub-criteria and associated weightings will be developed prior to tender invitation and set out in the ITT. Indicative criteria areas: • Approach to tunnelling (including supply chain inputs) • Delivery Methodologies within DCO	Quality	70%

Name	Description	Type	Weighting
	<p>constraints • Key ECI People and approach to collaboration • Health, Safety and Wellbeing • Approach to the ECI phase • Approach to risk mitigation in the ECI phase • Use of modern methods of construction and technology in delivery • Stakeholder approach in ECI stage and DCO examination • Approach to mitigating environmental impact (incl. reduced carbon impact, sustainability) • Risk mitigation proposals in delivery • Social value</p>		

Name	Description	Type	Weighting
Price	Price sub-criteria and associated weightings will be developed prior to tender invitation and set out in the ITT. Indicative criteria: - Baseline preliminary prices - Schedule of Rates / lump sums for ECI period - Fee Percentage	Price	30%

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Competitive flexible procedure

Special regime

Utilities

Competitive flexible procedure description

Requests to Participate Stage

This Tender Notice invites a request to participate from Applicants. Having reviewed the Tender Notice, all Applicants wishing to participate in the TDRA Tunnelling MWC competition will need to demonstrate in their submissions that they meet the Conditions of Participation set out in the Procurement Specific Questionnaire Pack (PSQ Pack) and complete a Non-Disclosure/Confidentiality Agreement.

Applications will be submitted via the contracting authority's eSourcing portal as described in the PSQ Pack - Part 1 Instructions to Applicants. The contracting authority will assess the Applicant's submissions in three stages. In stage 1, compliance and eligibility checks will be undertaken (on a pass/fail basis); in stage 2, there will be an assessment of financial capacity and technical ability to perform the contract (on a pass/fail basis); and for those submissions that pass stages 1 and 2 there will be a scored technical ability assessment that will include a pass/fail threshold and result in an overall score for each Applicant that will be used to determine which Applicants will be selected to participate in the next stage of the tendering process.

Scored submissions will be ranked from highest to lowest and, subject to the procedure set out in the PSQ Pack (Part 1, paragraphs 4.6.22 and 4.6.23), the contracting authority intends to invite the Applicants of the top four (4) highest scoring submissions to tender for the TDRA Tunnelling MWC contract.

Invitation to Tender (ITT) Stage

The contracting authority will share with the shortlisted Applicants an Invitation to Tender (ITT) against which such Applicants will be invited to submit a tender. Tender submissions will be evaluated in accordance with the objective criteria set out in the ITT.

Negotiation Stage

The contracting authority may engage in negotiations with tenderers as set out further in the ITT. Records of any negotiations and agreements reached will be kept by the contracting authority.

For the avoidance of doubt, the contracting authority reserves the right to award the contract without any negotiation, on the basis of the most advantageous tender submitted at

the ITT Stage.

Best and Final Offer Stage

Following any negotiation stage, the contracting authority also reserves the right to invite tenderers to submit a best and final offer (BAFO), as explained further in the ITT.

Following the submission of any BAFO's, the contracting authority will complete the tender evaluation process and award the TDRA Tunnelling MWC to the most advantageous tender in accordance with the objective criteria set out in the ITT.

Contracting authority

THAMES WATER UTILITIES LIMITED

- Companies House: 02366661
- Public Procurement Organisation Number: PNQQ-4647-DTCV

Clearwater Court

Reading

RG1 8DB

United Kingdom

Email: procurement.supportcentre@thameswater.co.uk

Website: <https://www.thameswater.co.uk/>

Region: UKJ11 - Berkshire

Organisation type: Private utility