

05/06/2024

For the attention of [REDACTED]
wca environment Ltd

Dear [REDACTED]

Ref: ENV6005704R-1

Project Title: Screening prioritisation of benzotriazoles group

I am pleased to inform you that the Environment Agency hereby accepts your tender in respect of the above call off contract from the Environmental risk assessment services framework (ERAS2), framework reference 29581. The contract shall be carried out in accordance with the attached Project Form dated 08/04/2024 and your response dated 21/05/2024.

The costs for this contract will be reimbursed at the rates set out in the Project Form for completed tasks.

The contract shall commence on 10/06/2024 and shall conclude on 22/11/2024

A copy of the final Project Form is attached, please sign and return the form via email to the undersigned to confirm receipt and accept the contract offer.

We will issue a Purchase Order number within 2 weeks of the contract being signed. We will require you to quote this number, together with Contract Reference ENV6005704R-1 on all invoices for this project to ensure timely payment. Invoices should be sent to:

SSCL
Environment Agency
PO Box 797
Newport
Gwent
NP10 8FZ

Electronic invoices should be submitted to: APinvoices-ENV-U@gov.sscl.com

Invoices not containing the correct Purchase Order number will mean we are unable to process them and they will be returned to you.

Please liaise with the project manager, [REDACTED] (phone: [REDACTED] 85, email: [REDACTED]@environment-agency.gov.uk) regarding the commencement of this contract.

The contract will be governed by the Environmental risk assessment services framework (ERAS2), framework reference 29581 Terms and Conditions as contained and agreed in the Framework Agreement, including GDPR Schedule and Prior Rights Schedule.

Yours sincerely,

[REDACTED]

Phone: [REDACTED] 885

Email: [REDACTED]@environment-agency.gov.uk

Aqua House,
20 Lionel Street,
Birmingham,
B3 1AQ

29581 - ENVIRONMENTAL RISK ASSESSMENT SERVICES FRAMEWORK (ERAS2) - PROJECT FORM
Part 1 – to be completed by Environment Agency Project Manager

Project title: Screening prioritisation of benzotriazoles group

Bravo project ref (if applicable): Not applicable

Date: 8th May 2024

Contracting Authority
(Environment Agency;
Natural England; Defra
etc)

Environment Agency

Environment Agency
Project
Manager/Technical
Lead:

[REDACTED]
[Technical Lead: [REDACTED]]

Phone number:

[REDACTED] 85
[Technical Lead:
[REDACTED] 54]

Budget holder:

[REDACTED]

Cost code:

ENV6005704R-1

Procurement Contact (if
over £50k):

not applicable

Email:

[REDACTED]
[REDACTED] [.gov.uk](mailto:[REDACTED].gov.uk)
(cc:
[REDACTED] [ncv.gov.uk](mailto:[REDACTED]ncv.gov.uk))

Project Start Date

June 2024

Project Completion Date

November 2024

For any projects over £10k, full competition is
required (i.e. all suppliers on the Lot invited to
quote). Please tick

Direct
Award

Mini-comp

✓ Lot1 & 2

Proposal return date: (no less than 10 working
days from current date)

24 May 2024

Notes

Any extensions, or amendments to existing orders need to be discussed with the contract manager first and the table in section 6 completed to authorise the change to the contractor.

A **Prior Rights Schedule** to record data being shared between parties and a **GDPR Schedule** (if personal data is being handled as part of the project) must be completed with the successful contractor at contract start up and updated throughout the project and held as part of the contract record.

Evaluation criteria: (for work over £10k project managers need to prepare and complete an evaluation model on receipt of tender submissions – see guidance notes). Please note price and quality weightings are fixed (although you may alter the quality sub-criteria weightings).

Consultants: Failure to meet the minimum score threshold stated will result in the bid being removed from the process with no further evaluation regardless of other quality or price scores.

Price

Weighting

40%

Quality

Weighting

60%

Quality Sub-Criteria Weightings:

Approach & Methodology

(minimum score threshold 4 will apply (if applicable))

40%

Proposed Staff (inc CV's) <i>minimum score threshold 4 will apply (if applicable)</i>		40%
Project Management (including project plan) <i>minimum score threshold 4 will apply (if applicable)</i>		30%
Specification (Details to be provided by the Environment Agency project manager. <i>Note – the contractor's proposal will be limited to 3 pages (excluding pen portraits and costs) unless otherwise indicated in your specification. Please also detail the Contractor's required Limitation of Liability.</i>		
Please detail the Contractor's required Limitation of Liability. If no sum is stated, the Contract Price for the Services performed or to be performed under the Contract or five million pounds whichever is the greater will apply.		
1. Description of work required – overall purpose & scope		
<p>Background</p> <p>Endocrine disrupting chemicals (EDCs) are a diverse group of substances that can alter the function of the endocrine system and consequently cause adverse effects in people and wildlife. The Environment Agency wishes to gather up-to-date information on the use and environmental presence of known and suspected EDCs in the UK, so that risk management can be targeted in the most effective way. A number of substance groups containing chemicals that are recognised EDCs have already been reviewed to date. The benzotriazoles group has been highlighted in several earlier reviews (e.g. of the azoles group and complex phenols) as being a gap in the available prioritisation work.</p> <p>The benzotriazoles are a structurally diverse group of substances that have a variety of functional uses in consumer and professional products as well as in articles. No benzotriazoles have been formally identified as an endocrine disruptor under EU or UK legislation, but some have been subject to regulatory scrutiny under EU REACH. For example, the substance evaluation of benzotriazole has concluded that it is an environmental EDC¹. A number of phenolic benzotriazoles have also been identified as potentially being Persistent, Bioaccumulative and Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB), with one now listed as a Persistent Organic Pollutant (POP) under the UN Stockholm Convention.</p> <p>A search of "benzotriazole" on the European Chemical Agency's (ECHA) website using the simple search² currently returns 571 hits. However, only 51 are REACH registered based on a search using ECHA CHEM³. A similar search in UK REACH IT lists 14 registered substances.</p> <p>This project has two objectives:</p> <ul style="list-style-type: none"> To identify the relevant substances that are part of this group and then collect publicly available information about the level of supply, use and environmental exposure of these substances with a focus on the UK. To identify those substances from this group of chemicals that are/potentially are EDC, PBT/vPvB and PMT/vPvM substances. <p>Detailed specification</p> <p>The contractor will undertake the following tasks:</p> <ol style="list-style-type: none"> Determine appropriate search terms, and undertake a search to identify all benzotriazoles registered under the EU REACH Regulation, and notified to the EU Classification and Labelling Inventory. Search terms will be assured and agreed with EA project team. Review the following sources to obtain substances of potential interest (the contractor should suggest other sources where relevant): <ol style="list-style-type: none"> EU REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) Candidate List of Substances of Very High Concern (SVHC)⁴; The ECHA's registry of SVHC⁵, Restriction⁶ and Harmonised Classification⁷ intentions until outcome; The ECHA list of compounds undergoing assessment by the Endocrine Disruptor Expert Group (ED-EG)⁸, the PBT Expert Group (PBT-EG)⁸ The ECHA CoRAP, including the concerns being investigated⁹ 		

¹ <https://echa.europa.eu/documents/10162/206ec347-abd2-a523-c00e-9855a4f3e513>

² [Search for chemicals - ECHA \(europa.eu\)](https://echa.europa.eu/search-for-chemicals)

³ [ECHA CHEM \(europa.eu\)](https://echa.europa.eu/echa-chem)

⁴ <https://echa.europa.eu/candidate-list-table>

⁵ <https://echa.europa.eu/registry-of-svhc-intentions>

⁶ [Registry of restriction intentions until outcome - ECHA \(europa.eu\)](https://echa.europa.eu/registry-of-restriction-intentions-until-outcome)

⁷ [Registry of CLH intentions until outcome - ECHA \(europa.eu\)](https://echa.europa.eu/registry-of-clh-intentions-until-outcome)

⁸ <https://echa.europa.eu/pact>

⁹ [Substance evaluation - CoRAP - ECHA \(europa.eu\)](https://echa.europa.eu/substance-evaluation-coRAP)

- e. ECHA Assessment of Regulatory Needs (ARN) documents¹⁰
 - f. The European Commission's draft Endocrine Disruptor list¹¹;
 - g. United Nations Environment Programme review of existing initiatives to identify EDCs¹²;
 - h. ChemSec's Substitute It Now List¹³;
 - i. A list of endocrine disrupting chemicals produced by the Danish Centre on Endocrine Disruptors¹⁴;
 - j. The TEDX List of Potential Endocrine Disruptors¹⁵.
 - k. US EPA Toxcast¹⁶
 - l. Other international programmes¹⁷
3. From a combination of the substances in (1) and (2) establish a list of relevant benzotriazoles for review for steps (4) – (10) taking account of:
 - a. This list should be a minimum of 25 substances.
 - b. Including all current UK registered benzotriazoles (see receivables).
 - c. DUINs (see receivables).
 - d. Substances used by any of the companies identified in the UK that have permits under the Industrial Emissions Directive and Environmental Permitting Regulations (see receivables).
 - e. Including any substances detected in the UK environment (see point 6b below).
 - f. The contractor should assess whether there are any sub-groups of benzotriazoles that are not represented within 3 (b) – (e), but are within (1) and/or (2). The contractor should then propose a representative selection of these to include in the list for further review. This should consider that the focus of the prioritisation is substances in active use/supply, rather than legacy chemicals that are already undergoing risk management such as Authorisation.
 4. Briefly summarise current regulatory activity in the UK, EU and globally (if relevant), including the selected substances' status under legislation covering cosmetics, human or veterinary pharmaceuticals, biocides and plant protection products. This should include, if possible, the identification of product types that contain them, relevant concentration limits, etc. This should also include points (a) – (j) from (2).
 5. Summarise the EU supply tonnages and registered uses, noting where these are likely to result in environmental exposure. UK supply tonnage bands for the substances should be provided in a confidential annex prepared by the contractor.
 6. Perform a search of academic and grey literature for the selected substances to identify and summarise information on:
 - a. Sources of UK exposure, UK trade associations, companies, and specific sites that are known or likely to be using these substances; and
 - b. Environmental monitoring data with comments on the analytical methods used. This should cover all relevant environmental compartments, i.e. sewage influent and effluent, fresh and marine surface waters and sediments, groundwater, sewage sludge and other media spread on land, soil, biota (including predatory wildlife and human foodstuffs) and people. The project manager will arrange for any monitoring data held by the Environment Agency if not publicly accessible to be supplied to the contractor for further analysis. The contractor should perform their own literature search to obtain UK monitoring data published in the academic or grey literature, which needs to be performed during point (3).
 - c. Record the criteria, databases used and search dates. The emphasis should be on the UK environment, but data from other countries should be summarised with a description of their relevance to the UK.
 7. Based on the information from the available sources, briefly summarise the evidence for whether the substances are potential endocrine disruptors. This should include the mode of action, key effects and target organisms, with

¹⁰ [Assessment of regulatory needs list - ECHA \(europa.eu\)](https://echa.europa.eu/en/assessment-of-regulatory-needs)

¹¹ http://ec.europa.eu/environment/chemicals/endocrine/documents/studies_en.htm

¹² <https://www.unenvironment.org/explore-topics/chemicals-waste/what-we-do/emerging-issues/scientific-knowledge-endocrine-disrupting>

¹³ <https://chemsec.org/sin-list/>

¹⁴ http://cend.dk/files/DK_ED-list-final_2018.pdf

¹⁵ <https://endocrinedisruption.org/interactive-tools/tedx-list-of-potential-endocrine-disruptors/search-the-tedx-list#sname=&searchfor=any&sortby=chemname&action=search&searchcats=all&sortby=chemname>

¹⁶ Accessed via: [CompTox Chemicals Dashboard \(epa.gov\)](https://comptox.epa.gov/dashboard/)

¹⁷ E.g. <https://www.canada.ca/content/dam/eccc/documents/pdf/pded/benzotriazoles-and-benzothiazoles/Draft-screening-assessment-benzotriazoles-benzothiazoles-group.pdf>

commentary about the strength of evidence (including quality assurance of this). The US EPA Toxcast database (cited above) should be checked as part of this. Consider the physico-chemical properties and fate and behaviour of these substances to identify the most relevant environmental compartments and significant sources of emission. This should include endocrine active metabolites, if relevant.

8. Based on the information from the available sources, briefly summarise the evidence for whether the substances are potentially PBT or vPvB. Consider, with commentary about the strength of evidence (including quality assurance of this), the physico-chemical properties and fate and behaviour of these substances to identify the most relevant environmental compartments and significant sources of emission. This should include metabolites and degradation products, if relevant. QSAR predictions for properties should be used where measured data are not available.
9. Where sufficient data exist, report (and comment on) Predicted No Effect Concentrations (PNECs) or Environmental Quality Standards for relevant substances and produce a narrative about potential risk to the UK based available monitoring data (including from combined exposure if relevant).
10. From an analysis of this information, produce a list of recommendations for further work, for example involving scientific research, market and sectoral surveys, etc., with an indication of relative priorities. This should also highlight the specific substances for further regulatory review, and provide a commentary at a sub-group level for particular concerns.

Deliverables

The output will be a report covering the points 1 – 10 above. This should be prepared using the Environment Agency standard report template and must be fully referenced for transparency. The section order of the report should be consistent with earlier prioritisation reports. The report is to be submitted digitally to the project manager as a Microsoft Office® 2013 (or earlier) file. Other formats may be used where appropriate in agreement with the project manager. Where legally possible and relevant, provide copies of any supporting information in digital format, or relevant links where not.

All written reports and the presentation should be suitably quality assured, and your tender should clearly state how QA will be carried out for both the draft and final reports. This includes, but is not limited to, how typographical errors, formatting, editorial consistency (for example of molecular structures), and the coherence of argumentation will be ensured before submission to the project manager. Accurate bibliographies referencing supporting information will be required.

Receivables

- Previous prioritisation report example
- List of benzotriazoles reviewed in previous EA prioritisation work.
- Environment Agency report template.
- List of UK registrations and DUINs of benzotriazoles based on a search for “benzotriazol”. If the contractor proposes a different search to prepare an initial list of substances, the UK search can be amended. Due to its format, the DUINs list has considerable duplication in the output spreadsheet, and this will need to be addressed by the contractor to produce a final list.
- EA environmental permitting data based on a search for “benzotriazol”. Again, the search can be amended if required.
- Available Environment Agency monitoring data for the group based on a search for “benzotriazol”. Again, the search can be amended if required.

Timetable

Submit a draft written report to the Environment Agency for review no later than 11th October 2024. Following an EA commenting period of four weeks, the contractor shall provide a final version of the report by 22nd November 2024.

Administrative procedures

The contractor shall arrange two main project meetings: the first at project start up, and the second following submission of the updated draft report, to discuss Environment Agency comments. These meetings will be held virtually using MS Teams. The contractor shall provide minutes of these meetings and a list of actions by email to the project manager for agreement within two working days of the meeting. In addition, three progress meetings will be held at monthly intervals following the start up meeting virtually using MS Teams, for a minimum of 30 minutes (these may be stood down if deemed unnecessary by agreement with Environment Agency project manager). A brief written update (template to be provided by EA) will also be required monthly.

If artificial intelligence (AI) is proposed to be used to produce any part of the report or perform any tasks contributing to the project, this shall be made clear in your tender, together with any relevant quality assurance. This shall also be communicated and agreed in advance with the project manager.

Invoicing will be for the amount agreed at the start of project, in arrears once the work is completed. The draft invoices should be agreed with the project manager before submission to Environment Agency Finance. The contractor will submit the invoice for payment within two weeks of it being agreed with the project manager.

A purchase order will be issued to the successful supplier within two weeks of the contract award.

The contractor is responsible for obtaining all journal articles where needed.

Quotation

The fixed price quote should be based on an estimate of the number of hours needed for each named member of staff for the tasks (which should be specified separately and in total), along with any reasonably foreseen non-staff related costs as relevant. Payment will only be made for actual hours and costs incurred.

Any potential conflict of interest (e.g. because of contractual involvement with actual or potential stakeholders) must be clearly declared.

2. Required skills / experience from the Framework contractor

The work will require experience in identifying production and usage information for chemicals. A good understanding of chemistry to fully populate the list of relevant chemicals, taking account of potential variation in naming is needed, and experience in grouping and read-across of chemical properties is also likely to be useful. The work will also require a good understanding of endocrine disrupting chemicals (covering relevant modes of action), their level of supply, use and environmental presence, testing and evaluation (including associated regulatory guidance and test methods) A general understanding of data submitted for physicochemical, environmental fate and ecotoxicity is also needed. Knowledge of PBT, vPvB, PMT, vPvM and SVHC identification and consequences under EU/UK REACH would be useful.

The contractor will need to be able to summarise information, and present analysis and reasoning, in a concise and clear way in the report.

3. Proposed programme of work and payment table (Detailing specific tasks, deliverables & completion date where appropriate). Payment schedule should detail the % amount that will be paid after delivery of each task

Task no.	Task and deliverable	Completion date	Payment schedule
1	Acceptance of the Draft report by EA (based on quality, not delivery)	11/10/24	70%
2	Acceptance of the Final report addressing EA comments by EA (based on quality, not delivery)	22/11/24	30%

**29581 - ENVIRONMENTAL RISK ASSESSMENT SERVICES FRAMEWORK (ERAS2)
TASK QUOTATION SHEET**

Part 2 – to be completed by Framework Consultant Project Manager

Framework Consultancy name	wca environment Ltd		
Consultant Project Manager name	[REDACTED]		
Consultant project manager phone number:	[REDACTED]	Consultant project manager e-mail address:	[REDACTED]ing.com

Part 2 - Consultant Proposal (details to be provided by the Contractor)

(to include methodology, work programme, staff details (including relevant pen portraits) Limit to 3 sides of A4, excluding pen portraits and costs (unless otherwise indicated in Environment Agency project client's specification)

1. Approach & Methodology

Benzotriazoles are a diverse group of heterocyclic compounds that have a wide range of uses in consumer and industrial products, often as corrosion inhibitors. Benzotriazoles have been widely detected in receiving environments¹⁸ and there are concerns that some of these compounds have endocrine disrupting (ED) and/or PBT properties. One benzotriazole, UV328, was recently listed as a POP under the Stockholm convention and was previously classified as PBT.

The objectives of this project are to identify the UK-relevant benzotriazoles, collect information about uses and environmental exposure and identify the substances from this group that are EDC, PBT/vPvB or PMT/vPvM.

Methodology: The project specification outlines the specific objectives (Tasks 1-10) to be completed. We will meet these objectives through a combination of general internet searches of websites and databases, targeted literature searches and incorporation of information provided by the Agency.

Website searches will be used to support Tasks 1-9 as follows:

- Search terms for examination of the EU REACH portal and C&L inventory will be agreed with the Agency (Task 1).
- In support of Task 2, websites of EU and worldwide regulatory authorities (e.g. US EPA, UNEP) will be checked for regulatory listings of benzotriazoles as substances of concern and specifically, in relation to ED properties.
- For Task 4, UK, EU and global (if relevant) authorities will be checked for listings of the relevant substances under regulations for cosmetics, medicines, pesticides and biocides. Any product concentration limits and use restrictions will be noted.
- The ECHA Dissemination portal and UK REACH data will be used to obtain information on registered tonnages under REACH, uses and CLP classifications to support Task 5.
- Information from regulatory summaries identified in the website searches and the ECHA dissemination portal will be used to compile data on: physico-chemical properties; environmental fate and behaviour; sources and exposure pathways in support of Tasks 6 & 7; an overview of the expected endocrine mode of action of benzotriazoles and their metabolites under Task 7; assessment of properties to determine PBT/vPvB status under Task 8; and for Task 9 as a source for existing PNEC or EQS values or environmental effects data that can be used to derive effects concentrations for benzotriazoles.

Literature searches will be used to support Tasks 6 and 7 using the Web of Science, PubMed and SciFinder databases to obtain information on environmental monitoring, fate and effects of the relevant substances.

The literature searches will be conducted for each substance using the name and CAS numbers and date limited to the last 20 years. As the number of records is likely to be relatively large, search strings will be used to target the information efficiently and pragmatically. The search criteria, databases used, search dates and number of retrieved results will be recorded and included in the report.

Information provided by the Agency will include: List of UK registrations of benzotriazoles (Tasks 3 & 5); Environmental permitting data (Task 3), Environmental monitoring data (Task 6) and information on current UK biocidal, pharmaceutical and veterinary medicine use (Task 4).

¹⁸ Shi et al (2019) <https://pubmed.ncbi.nlm.nih.gov/30677686/>

1. A longlist of substances detailed under EU REACH and in the EU C&L inventory;
2. Identification of benzotriazoles highlighted as substances of concern;
3. A final shortlist of at least 25 substances for detailed website searches and literature searches. This will focus on substances which, based on the above shortlist, are expected to be of most concern for the UK environment based on use, exposure and coverage of all sub-groups of benzotriazoles.

Deliverable: The output will be an MS Word document prepared using the standard Agency reporting template. This will include the information required in points 1-10 of the specification detail with suitable referencing to primary data sources, including the dates for when each database is searched. Following review of the draft report, the Agency project manager will provide comments and we would then make the appropriate changes and provide a final version. The proposal is based on all comments from the Agency being collated internally so that wca can respond in a single round of commenting.

It is the policy of wca to provide our clients with monthly email updates on project progress against milestones and budgets. We will also contact you at any significant points in the project to ensure that you can adjust the direction of the project, if this is necessary to meet your needs. We will keep a log of any changes to the project that we agree with you and will inform you promptly if such alterations require a change to delivery dates or budgets. wca Quality Assurance, Quality Control and Project Management processes are managed through comprehensive Quality Management Systems (QMS), which are certified to ISO 9001:2015 standard. Also, we are certified to ISO 14001:2015 standard for our environmental performance and make a continuous effort to minimise our impact on the environment.

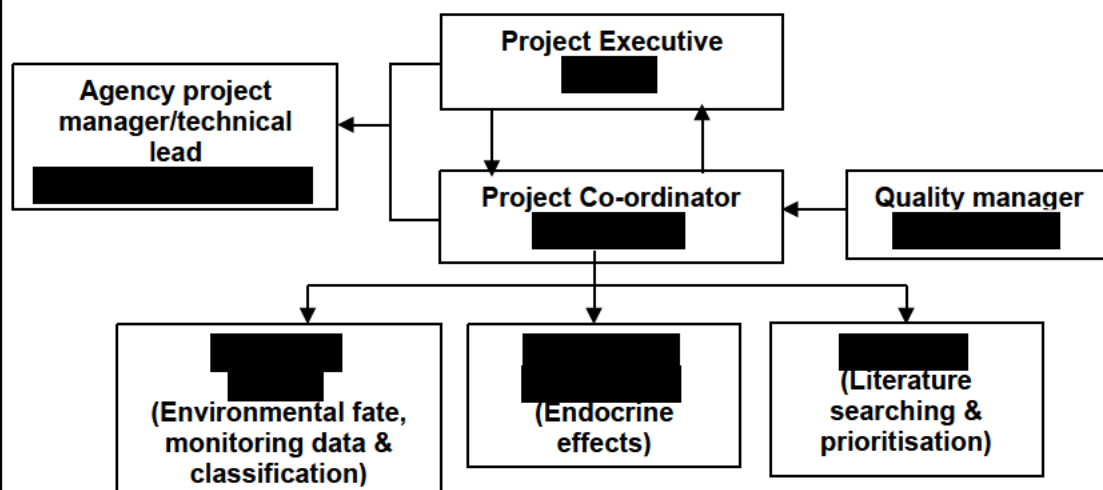
A plan of the project timings is given below (it assumes starting 10th June 2024 and final report delivery on 22 November 2024). The draft report is to be delivered by 11th October to allow a four-week commenting period by the Agency and 2 weeks for revision of the final report, with delivery by 22nd November 2024.

Task	Month from project inception											
	Jun		Jul		Aug		Sept		Oct		Nov	
Substance identification and prioritisation (Tasks 1-3)												
Regulatory review (Task 4)												
Assessment of EU and UK REACH entries (Task 5)												
Formal literature searches and grey literature searches (Task 6)												
Dissemination and reporting of exposure data, monitoring data (Task 6) and environmental fate and behaviour (Task 7)												
Dissemination and reporting of endocrine activity data, (Task 7)												
Evidence review for PBT/vPvB (Task 8)												

Reporting available PNEC/EQS data and providing a narrative on environmental risks (Task 9)													
Final report including recommendations (Task 10)													
CAU comment on draft report													
wca revisions and submission of final report													

3. Proposed Staff who will do the work and briefly state previous relevant experience

Organisation chart:



The Project Manager, responsible for day-to-day project management) will be [REDACTED]. The Project Executive, responsible for technical leadership in the specific area of the proposal will be [REDACTED]. The Quality Manager, responsible for ensuring the consistency and quality of outputs will be [REDACTED]. [REDACTED] will assist [REDACTED] in the compilation of data for physico-chemical properties, environmental fate and behaviour, and monitoring data. [REDACTED] will work with [REDACTED] on assessment of PBT/vPvB classification. [REDACTED] and [REDACTED] will review the evidence of endocrine effects for benzotriazole substances. [REDACTED] will undertake literature searching and work on the prioritiation of benzotriazoles. All of the project outputs will be QA'ed by [REDACTED] before being issued to the Agency.

[REDACTED] and [REDACTED] have worked on three previous reports for the Agency on endocrine disrupting chemicals: 'Parabens', 'Camphor/bornane derivatives' and 'Azoles'.

[REDACTED] is an environmental chemist with over 25 years' experience in reviewing the fate, behaviour and effects of a wide range of chemicals. [REDACTED] has worked as Framework Manager for wca's contribution to the Agency's ERAS framework for the last 10 years and has also performed as similar role for work with the European Chemicals Agency (ECHA).

[REDACTED] has 14 years' experience in the regulatory assessment of chemicals, under regulations including REACH and CLP. She is experienced with developing data searching strategies for both regulatory data and published literature. She has also conducted PBT assessments for a range of substances under REACH, including complex UVCBs, assessing test data and utilising QSAR predictions.

[REDACTED] specialises in the ED effects of chemicals. She has contributed to multiple ED assessments for substances under a range of regulations (e.g. REACH, plant protection products, biocides, pharmaceuticals) including assessments which align to the ECHA/EFSA guidance for identification of an ED (ECHA/EFSA 2018). These ED assessments include several azole substances.

[REDACTED] is an applied ecotoxicologist with over 15 years of experience in the undertaking and monitoring of aquatic studies required to support datasets for ED evaluations and in the assessment of potential EDs. She has worked on azole substances in her previous roles at a pharmaceutical company (designing bespoke aquatic tests) and an agrochemical company (conducting environmental risk assessments to support the registration of active ingredients and products in EU submissions).

[REDACTED] is a chemist with experience in regulatory toxicology and ecotoxicology. She has extensive experience in information searching of bibliographic databases, grey literature, market data and news articles for the purposes of

regulatory submissions and horizon scanning. She has worked on a number of information briefs and foresight reports on the state of the science, regulation and market for EDs, industrial chemicals and consumer products.

██████████ is an environmental chemist with significant experience in the collection, review and interpretation of monitoring data for a variety of substances, including potential endocrine disruptors, and has contributed to publications related to this area. Iain also has experience of reviewing fate and monitoring data for the purposes of exposure assessment for industrial chemicals, veterinary medicines and pharmaceuticals.

4. Proposal cost

Please use day rates, including any applicable discounts, as agreed under the framework contract.

Task No.	Consultant name	Framework grade	Day rate	No. of Days or part thereof	Cost
0					
1	██████████	Principal Consultant	██████████	██████████	██████████
		Senior Consultant			
2	██████████	Principal Consultant	██████████	██████████	██████████
		Senior Consultant			
		Director			
3	██████████	Principal Consultant	██████████	██████████	██████████
		Framework Manager			
		Director			
4	██████████	Principal Consultant	██████████	██████████	██████████
		Senior Consultant			
		Framework Manager			
5	██████████	██████████	██████████	██████████	██████████
		██████████			
6	██████████	Framework Manager	██████████	██████████	██████████
		Senior Consultant			
7	██████████	Director	██████████	██████████	██████████
		Senior Consultant			
		Principal Consultant			
8	██████████	Framework Manager	██████████	██████████	██████████
		Senior Consultant			
		Principal Consultant			
9	██████████	Principal Consultant	██████████	██████████	██████████
		Framework Manager			
10	██████████	Principal Consultant	██████████	██████████	██████████
		Framework Manager			
		Director			
		Director			

Total staff costs £██████████

Expenses (please detail type ie travel, accommodation etc)

██████████ scientific papers ██████████

Total overall cost £29,739

5.-Terms & Conditions

Note to contractor – All call off contracts under the ERAS2 Framework are subject to the terms and conditions issued with the framework, including the Prior Rights Schedule and GDPR Schedule completed at award of the call-off contract.

Notes

You must have a purchase order number from the EA project manager before you start any work in connection with this proposal.

Contractor Project Manager:

██████████

