

## Call for candidates contractors to depollute and to process Cooling and Freezing (CF) equipment (domestic WEEE), as from 1 July 2021

Recupel vzw/asbl organises and coordinates the implementation of the WEEE take-back obligation in Belgium since 1 July 2001. One of its missions is the depollution and the processing (including recycling, valorisation and removal) of WEEE in an environmentally friendly and cost-effective way.

Recupel calls for candidates who, on a contractual basis, can depollute and process CF collected by Recupel, and this as from July 1, 2021. Applications must be submitted at the latest on 15 May 2019. They are delivered to Recupel :

- either under closed and sealed envelope and against receipt, at the latest on the aforementioned date,
- or by registered letter under closed envelope (sent at the latest on the last working day prior to the aforementioned filing date) (the sealed envelope is put in a double envelope).

On the aforementioned date the application shall be in the possession of Recupel **before 5 PM**.

The application is submitted in the following form :

(1) a letter that states the identity of the candidate, signed by the competent person(s), **together with, and only with**

(2) a USB-stick holding dated and signed pdf-documents (see under point 5 of the attachment here after). Applications not complying with these conditions, will not be taken into consideration.

This call does not concern the depollution/processing of other WEEE than CF, nor services related to the finely meshed collection of WEEE, the sorting out at a transfer station or the transportation in bulk.

### **Procedure:**

Recupel will assess the timely submitted applications and select candidates by 16 May 2019. Tender specifications will be sent to the selected candidates as from 17 May 2019. They must submit their offer by 16 September 2019 at the latest.

Further to the assessment of the offers and approval by the competent authorities, Recupel will enter into an agreement with the chosen contractors at the latest on 31 December 2019. Such contract will in principle enter into force on 1 July 2021. Only in case of unforeseeable circumstances, this schedule can be deviated from.

The contract to be entered into shall have a definite duration of 6 years (until 30 June 2027), with a possibility for Recupel to extend for 3 years (in that case, until 30 June 2030).

Recupel is not a public authority and the public procurement legislation is not applicable.

The application can be drafted in Dutch, French or English. It shall include all relevant administrative information on the applicant (company name and commercial name, legal form, nationality, registered seat, company number), as well as de aforementioned attachments.

## Description of the assignment:

The assignment consists in depolluting and processing homogeneous CF transports in accordance with the specifications and the legal conditions.

The object of the agreements to be entered into can be related to 60%, 50%, 40% or 30% of the WEEE (CF) quantity to be processed in the contract period. When assessing the offers Recupel will determine which of these %'s apply (therefore, contracts are awarded to two or three contractors : either 60/40, or 50/50, or 40/30/30).

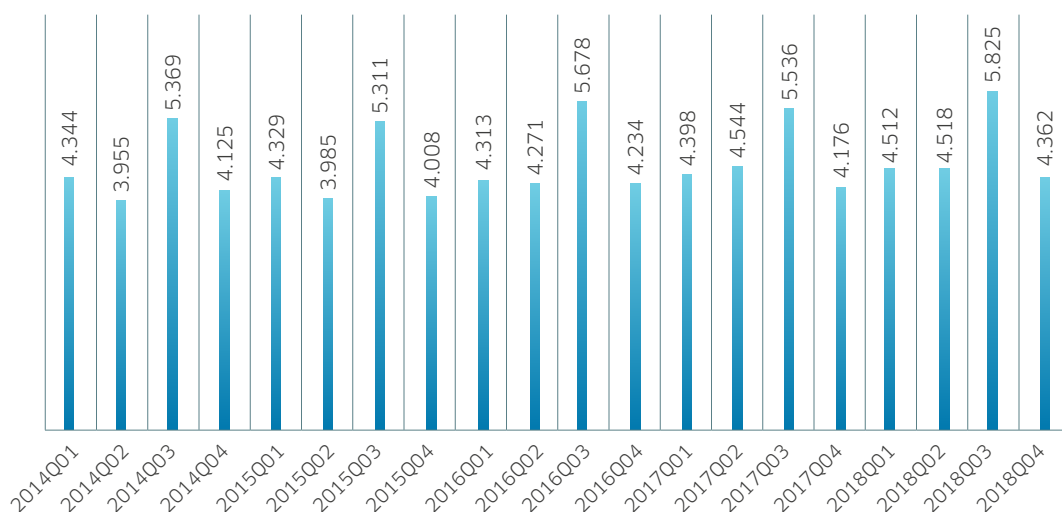
The assignment can also include the sorting out of BWR transports (CF and BW exceptionally mixed) and the processing of the CF equipment obtained as a result of it.

The contract will provide for obligations relating, among other, to registration, digital management of documents, monitoring, reporting, control, communication of information, mass balances, weighing, recycling results, depollution etc. These obligations are stipulated in the tender specifications.

For information purposes only and without any commitment, the tables below include the quantities of WEEE (CF) and BWR processed at the request of Recupel in the five preceding years. Recupel cannot guarantee that these quantities will actually be reached in the upcoming contract period. However, it takes various initiatives in order to consolidate and increase collection.

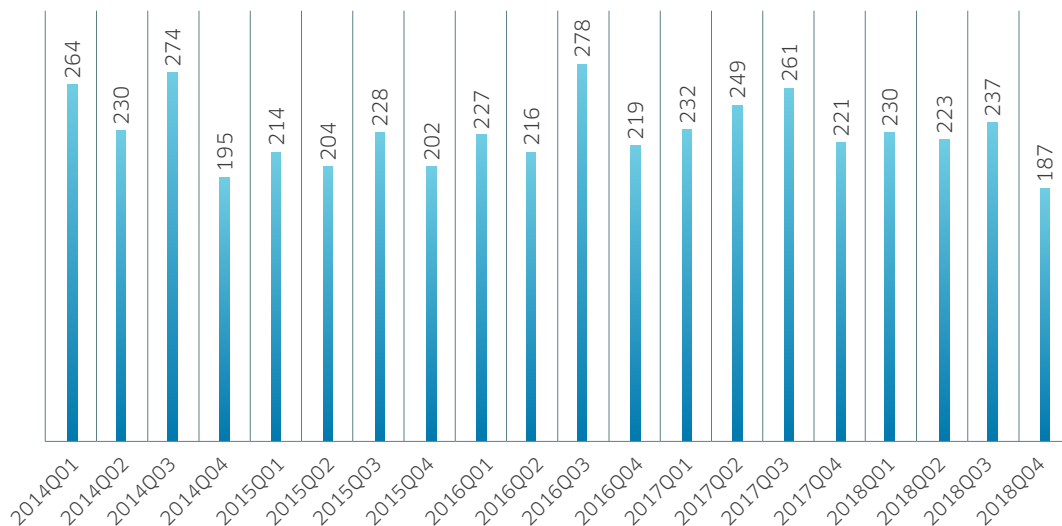
Tons	CF
2014Q01	4.344
2014Q02	3.955
2014Q03	5.369
2014Q04	4.125
2015Q01	4.329
2015Q02	3.985
2015Q03	5.311
2015Q04	4.008
2016Q01	4.313
2016Q02	4.271
2016Q03	5.678
2016Q04	4.234
2017Q01	4.398
2017Q02	4.544
2017Q03	5.536
2017Q04	4.176
2018Q01	4.512
2017Q02	4.518
2017Q03	5.825
2017Q04	4.362

**CF treated (tons)**



Number CON	BWR
2014Q01	264
2014Q02	230
2014Q03	274
2014Q04	195
2015Q01	214
2015Q02	204
2015Q03	228
2015Q04	202
2016Q01	227
2016Q02	216
2016Q03	278
2016Q04	219
2017Q01	232
2017Q02	249
2017Q03	261
2017Q04	221
2018Q01	230
2017Q02	223
2017Q03	237
2017Q04	187

**Number of containers BWR**



Please note with regard to the aforementioned quantities that the CF quantities in BWR are already included in the CF quantities mentioned.

Candidates shall demonstrate that they have the required processing capacity and, in case of emergency, they can guarantee the use of an alternative processing site that satisfies the same qualitative requirements in a way that continuity is ensured. Candidates shall demonstrate that they have obtained all legally required permits, authorisations and acknowledgments to perform this assignment.

Minimum processing requirements and specific depollution conditions will be applicable on the contract implementation.

The normative document Cenelec European Standard EN 50625 applies to the services to be provided. On 1st July 2021 the applicant shall be in the possession of the quality certificate in accordance with this standard (or on 31 December 2021, if the contract stipulates so).

If the applicant appeals to subcontractors for the implementation of the contract, it remains solely liable vis-à-vis Recupel. Third parties called upon by the contractor must comply with all conditions the candidate must itself comply with. All documents and declarations to be attached to the application of the contractor are also required concerning these third parties.

Additional information concerning the assignment and the attachments the application shall include, is available in the attachment.

Brussels, 23 April 2019

**Bruno Vermoesen**  
Chairman Recupel vzw

**Peter Sabbe**  
General Manager Recupel vzw

## Annex to the Call for candidates of 23 April 2019 concerning depollution and processing of CF

Preliminary comment: In case of discrepancies between this publication and the tender specifications, the latter will prevail. This attachment is not exhaustive and does not replace the tender specifications.

### **1. Depollution and disassembly**

Depollution consists in removing environmentally hazardous mixtures/components/materials from the supplied WEEE, and mainly in the prior segregation of hazardous components, after which they are processed. This is done in the two following separate steps.

**Step 1:** All liquids and the following substances, preparations, mixtures and components shall be selectively dismantled and collected for recycling and removal, in the separate simple flows determined below. When assessing whether a component belongs, or not, to one of the flows mentioned below, the principle of precaution shall be complied with: in the event of uncertainty, the component is to be considered as hazardous (maximum care and minimal burden for the environment).

1. PCB/PCT containing condensers, and other PCB containing components;
2. LCD lamps (“back lights”) (with a size of more than 100 cm<sup>2</sup>) containing mercury. Subject to prior approval of the competent regional authority, this disassembly can be carried out under Step 2 below. If the manual removal of these mercury-containing lamps is impossible, the entire screen must be removed and discarded as hazardous waste.
3. Other components containing mercury, such as switches, contact thermometers and relays;
4. All batteries, with the exception of batteries that are permanently connected with equipment
5. All toner cartridges and ink-containing receptacles (whether or not empty, dry pasty or liquid ink) and ink ribbons;
6. Asbestos-containing components;
7. Gas discharge lamps;
8. Components containing flame resistant ceramic fibers;
9. All appliances containing radioactive materials;
10. High value circuit boards
  - a. High value circuit boards if the size of the circuit board is bigger than 10 cm<sup>2</sup>;
  - b. Appliances containing high value circuit boards : mobile phones, smartphones, pda-appliances, memory cards, etc (not exhaustive, only by way of example).

<sup>1</sup>The materials flows mentioned are those regulatory stipulated. Some flows may not be relevant as regards WEEE (CF) depollution.

**Step 2:** The following substances, preparations and components must be selectively disassembled in the following processing steps and collected for recycling or removal as an identifiable flow or an identifiable part of a flow<sup>2</sup>:

1. Other batteries than those mentioned under step 1;
2. All other printed circuit boards, meaning other than high value circuit boards;
3. Plastics containing bromide fire retardants;
4. All monitors and fluorescent powder;
5. Chlorofluorocarbons (CFCs and HCFCs) or fluorocarbons (HFCs), or other hydrocarbons (HCs, isobutene, etc.);
6. Non-mercury containing LCDs;
7. Other electrolytic condensers, electrolytic condensers containing substances that give rise to concern (height > 25 mm, diameter > 25 mm, or a comparable volume) ;
8. External electrical cables.

The result of an identifiable flow or a part of an identifiable flow shall be demonstrated through a batch sample. If this result cannot be demonstrated in a non-ambiguous way, Step 1 shall be followed.

Additional conditions apply and are included in the European Standard **EN 50625-2-3** “Collection, logistics & treatment requirements for WEEE – Part 2-3 : Treatment requirements for temperature exchange equipment and other WEEE containing VFC” en **TS 50625-3-4** “Specification for de-pollution – Temperature exchange equipment”.

The specifications contain conditions concerning the monitoring of the depollution quality.

## 2. Processing, recycling and recovery

### Mandatory minimum results

Recycling	Valorisation
80%	85%

Components fractions	Recycling	Valorisation
Ferrous material	95%	
Non-ferrous material	95%	
Plastics	50%	80%

<sup>2</sup> Same remark as the previous note.

### 3. Technical regulations applying to the sites for delivery, storage and processing

CF transports are delivered to the processor in closed containers.

Preferably the processing site is located (i) in Belgium and (ii) in a place where it fits well in the logistics chain of WEEE (CF) collection and transshipment. Recupel has ordered an assessment on this subject. Its conclusions will be made available to the selected candidates for their information.

#### Storage sites (CF delivered)

- impermeable surface with provision for collecting leaking oil and if necessary settling tanks, oil separators and waste separators.
- weather-resistant cover
- CF appliances are kept dry and stored in a way that the cooling system cannot be damaged

#### Dismantled components

Dismantled or separated waste substances and parts, whether dangerous or not, are stored per type of waste type in adequate monthly receptacles that guarantee safety and environmental protection. A monthly receptacle is therefore a receptacle in which dismantled and separated waste substances or parts are stored during one month per waste type. After weighing after the lapse of one month, the monthly receptacle is emptied and its content is put in the general receptacles.

#### Processing sites

- weighing equipment to assess the weight of the treated waste
- impermeable surface and waterproof covering with provision for collecting leaking oil and, if necessary, settling tanks, oil separators and waste separators
- suitable receptacles for the storage of batteries, condensers containing PBCs / PCTs and other dangerous waste.
- weather-resistant cover

All legal and regulatory conditions as well as those stipulated by the applicable permits must be complied with.

### 4. Technology

Depollution activities shall satisfy the conditions set forth in Appendix VII of the EU Directive 2012/19/EU of 4 July 2012, as well as minimum standards regarding the prevention of negative effects on environment. Without prejudice to the applicable conditions (steps 1 and 2 above) the best available techniques for depollution shall be used, insofar as they guarantee the protection of human health and provide a high level of environmental protection.

Processing and recycling activities shall satisfy minimum standards regarding the prevention of negative effects on environment. The best available techniques for processing and recycling shall be used, insofar as they guarantee the protection of human health and provide a high level of environmental protection. Such techniques may be further determined in accordance with the procedures of Directive 96/61/EC.

## 5. Documents and statements to be provided by the candidates

The documents listed here under must be attached to the application. The numbering stipulated must be strictly complied with. Failing that, Recupel is entitled to consider the application as irregular and not to accept it.

These documents are part of the pdf-documents on the aforementioned USB-stick. The digital files are named as follows:

**[name candidate]XX.pdf** - whereby XX represents the number indicated below (e.g. Name01.pdf)

1. the annual accounts of the candidate for the last two accounting years.
2. a statement by the candidate that it is not in a state of bankruptcy, liquidation or composition and that it has not filed a bankruptcy declaration, and that it is not subject to a procedure stipulated by the Companies Continuity Act.
3. a document that proves that the candidate is sufficiently insured against the risks associated with the activities it applies for, including an insurance for the destruction or loss by fire of the receptacles made available by Recupel. In case of a newly built installation : enumeration of insurances that will be contracted.
4. a document that proves that the candidate complies with its payment obligations to the social security.
5. a copy of the legally required permits, authorisations, acknowledgments, etc. to perform the activities applied for or evidence that these have been requested for. In case of a newly built installation : enumeration of the permits to be obtained and time line within which they can be obtained.
6. a statement of the candidate that it accepts an audit of maximum 2 days to be performed at its own expense by independent experts. The purpose of such audit is to inform Recupel on the technical and/or financial/economical capacity of the candidate. In case of a newly built installation : the above applies to a referral visit of an existing site. If the candidate wants to appeal to subcontractors, he shall demonstrate that these also accept such audit. This also applies to customers (of materials flows) which have a significant impact on the compliance with the processing results.
7. EN 50625 certificate, or documents that evidence that this certificate will be obtained by the candidate by 1st July 2021 (or, if the contracts stipulates so, by 31 December 2021) at the latest.
8. a description of the nature and the scope of the relevant activities of the candidate during the last three years.
9. a list of the available processing capacity of the candidate on 1st July 2021 for each of the phases of the process that the candidate intends to use, including (a) an indication of the bottlenecks and (b) a description of the operational means the candidate has and will have available for the implementation of the assignment.
10. a list of the measures and investments that the candidate has to undertake in order to be fully operational on 1st July 2021.

11. Cost composition (components / breakdown), according to the following table :

Cost composition (%)	Depollution	Processing
Labour		
Financial costs		
Operational costs		
Logistics, storage and transport		
Waste disposal costs		
Energy		
Maintenance		
Overhead (incl. margins, administration, general expenses)		
	100%	100%