

**Netherlands-Dwingeloo: Data-processing machines (hardware)**  
**OJ S 99/2015 23/05/2015**  
**Contract award notice**  
**Supplies**

**Directive 2004/18/EC**

**Section I: Contracting authority**

---

**I.1. Name and addresses**

Official name: Stichting Astronomisch Onderzoek in Nederland (Astron), ook genaamd:  
Netherlands Foundation for Research in Astronomy (NFRA)

National registration number: 50700188

Postal address: Oude Hoogeveensedijk 4

Town: Dwingeloo

Postal code: 7991 PD

Country: Netherlands

For the attention of: H. Jonkers

E-mail: [tender-dragnet@astron.nl](mailto:tender-dragnet@astron.nl)

Telephone: +31 521595100

Fax: +31 521595101

**Internet address(es):**

General address of the contracting authority: [www.astron.nl](http://www.astron.nl)

Electronic access to information: <https://www.tenderned.nl:443/tenderned-web/aankondiging/detail/samenvatting.xhtml?aankondigingId=57821>

**I.2. Type of the contracting authority**

Body governed by public law

**I.3. Main activity**

Other: natuurwetenschappelijk speur- en ontwikkelingswerk

**I.4. Contract award on behalf of other contracting authorities**

The contracting authority is purchasing on behalf of other contracting authorities: no

**Section II: Object of the contract**

---

**II.1. Description**

**II.1.1. Title**

LOFAR Dragnet GPU cluster.

**II.1.2. Type of contract and place of performance or delivery**

Supplies

Purchase

Main site or place of performance: Groningen.

NUTS code NL Nederland

**II.1.3. Information about a framework agreement or a dynamic purchasing system (DPS)**

**II.1.4.**

## **Short description of the contract or purchase(s)**

Deze aanbesteding behelst de aanschaf van een rekencluster ten behoeve van het Dragnet project.

### **II.1.5. CPV code(s)**

30210000 Data-processing machines (hardware), 50312000 Maintenance and repair of computer equipment

### **II.1.6. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: yes

## **II.2. Total value of the contract/lot**

### **II.2.1. Total value of the contract/lot**

Value: 347 500 EUR  
excluding VAT

## **Section IV: Procedure**

---

### **IV.1. Type of procedure**

#### **IV.1.1. Type of procedure**

Open

### **IV.2. Award criteria**

#### **IV.2.1. Award criteria**

The most economically advantageous tender in terms of

1. Totale GPU rekenkracht: totale rekenkracht in enkelvoudige precisie („multiply-add” (MAD)) van alle GPUs in alle „worker nodes” (Tflop/s). Weighting 25
2. Totale GPU geheugenbandbreedte: totale geheugenbandbreedte van alle GPUs (zonder ECC) in alle „worker nodes” (GiBytes/s). Weighting 20
3. Hoeveelheid GPU geheugen: hoeveelheid GPU hoofdgeheugen verbonden met een enkele GPU chip (GiBytes). Weighting 15
4. Totale schijf opslagsnelheid van de „worker nodes”: totale schrijfsnelheid (volgehouden) van alle harde schijven van alle „worker nodes” (GiBytes/s). Weighting 10
5. Totale schijf opslagcapaciteit van de „worker nodes”: totale opslagcapaciteit van alle harde schijven van alle „worker nodes” (TBytes). Weighting 10
6. Hoeveelheid CPU geheugen van een „worker node”: hoeveelheid CPU hoofdgeheugen van een „worker node” (GiBytes). Weighting 5
7. Levertijd: tijd vanaf contractondertekening tot aan het moment dat alle cluster delen geleverd zijn (weken). Weighting 10
8. Groenfactor/energie efficiëntie: mate van systeemprestatie en -capaciteit vergeleken met energiegebruik. Geleverde oplossing moet m.b.t. dit criterium uitgelegd worden. Weighting 5

#### **IV.2.2. Information about electronic auction**

An electronic auction has been used: no

### **IV.3. Administrative information**

#### **IV.3.1. File reference number attributed by the contracting authority**

LOFAR-ASTRON-CON-003

#### **IV.3.2. Previous publication concerning this procedure**

## Contract notice

Notice number in the OJ S: [2015/S 22-035373](#) of 31.1.2015

### Section V: Award of contract

---

Contract No: 1

Lot title: LOFAR Dragnet GPU cluster

#### V.1. Date of conclusion of the contract

4.5.2015

#### V.2. Information about tenders

Number of tenders received: 3

#### V.3. Name and address of the contractor

Official name: ClusterVision BV

National registration number: 54051282

Postal address: Nieuw-Zeelandweg 15b

Town: Amsterdam

Postal code: 1045 AL

Country: Netherlands

E-mail: [aldert.groenenberg@clustervision.com](mailto:aldert.groenenberg@clustervision.com)

Telephone: +31 204077550

Internet address: [www.clustervision.com](http://www.clustervision.com)

#### V.4. Information on value of the contract/lot

Total value of the procurement:

Value: 347 500 EUR

excluding VAT

#### V.5. Information about subcontracting

The contract is likely to be subcontracted: no

### Section VI: Complementary information

---

#### VI.1. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds:  
no

#### VI.2. Additional information

#### VI.3. Procedures for review

##### VI.3.1. Review body

Official name: Gerechtshof Noord Nederland

Postal address: Brinkstraat 4

Town: Assen

Postal code: 9401 HZ

Country: Netherlands

E-mail: [info.rechtbanknoordnederland@rechtspraak.nl](mailto:info.rechtbanknoordnederland@rechtspraak.nl)

Telephone: +31 883614444

Internet address: [www.rechtspraak.nl/organisatie/rechtbanken/noord-nederland](http://www.rechtspraak.nl/organisatie/rechtbanken/noord-nederland)

##### VI.3.2. Review procedure

**VI.3.3. Service from which information about the review procedure may be obtained**

**VI.4. Date of dispatch of this notice**

20.5.2015