

1/2020/ReDiverse

Wrocław, 17.12.2020r.

## Information for contractors

Concerning: proceedings conducted in the framework of request for quotation, the subject of which is: *Sequencing of entire genomes of 53 domestic cattle.*

The Ordering Party replies to the queries of contractors as follows:

**Question:** Is the contracting authority able to determine the indicative amount of data per sample that would allow for the x12 mapping? If not, should the service also include mapping to references to determine the average mappable coverage achieved?

**Answer:** *The size of the library was not specified. We also do not order bioinformatic analysis, we will do the mapping to the references ourselves.*

**Question:** Standard genomic libraries use an insert with 350 pairs of bases. Changes to this length require adaptation of the protocol. Does the ordering party agree to use the 350bp insert?

**Answer:** *The Contracting Authority agrees to use an Insert size of 350 pairs of bases.*

### Question:

contract references:

Par. 4. paragraph 8.

Can we make an offer with the amount in EUR and then see the same amount entered in the contract if you choose our offer? Without converting EUR into PLN in the contract?

**Answer:** *I do not allow tenders in a currency other than PLN*

### Question:

Par 5. paragraph 1.

Please agree to submit an offer with penalties of 0.01% in order to equalise the obligations on both sides of the contract, as the Contractor can only charge statutory interest for late payments.

**Answer:** *These are standard records that we cannot change at this time.*

**Question:** In the light of your tender notice No 1/2020/ReDiverse of 2020-12-11 concerning the provision of a service for the sequencing of the entire genome of 53 domestic bovine animals, I would like to ask whether nano-resistance technology can be accepted as a method for sequencing your samples.

**Answer:** *in this grant we need to have short readings (Illumina or BGI), so the proposed nanopore technology is not appropriate in this case.*

**Question:** Assuming the size of the *Bos taurus* genome as 2.87 Gbp (rounded 3 Gbp), and the intended mapable depth x12, will 40 Gbp of data per sample be satisfactory to the contracting party?

**Answer:** *The suggestion of 40 Gb per sample is satisfactory for the contracting authority.*

**Question:** In how many tranches and quantities does the end-user plan to send *Bos Taurus* samples for the whole-range (WGS) study?

**Answer:** *Our plan is to first send samples for DNA isolation to a laboratory in Germany. After isolation, all samples will go to the sequencing company at the same time.*

**Question:** Please allow us to make an offer with a lead time of not more than 6 weeks, but 20-30 working days.

**Answer:** *We can accept a lead time of 20-30 working days.*

**Question:** Please accept the offer with the length of the insert. (insert size) not ok. 300 pz only 350 pz.

**Answer:** *The Contracting Authority agrees to submit a tender with the length of insert 350 pz.*

**Question:** In order to be able to carry out the order, we need to get DNA samples from you with appropriate quantitative and qualitative parameters, i. e. :

amount of material:  $\geq 4 \mu\text{g}$

concentration:  $\geq 100 \text{ ng}/\mu\text{l}$

volume:  $\geq 20 \mu\text{l}$

$\text{OD}_{260/280} = 1.8 \sim 2.0$ ,

without degraded DNA and protein contamination.

DNA should preferably be suspended in 10 mM Tris pH 7 or DNAase free water (DEPC water may or may not be required).

Do you agree that the deadline for the contract is 6 weeks? from receiving DNA samples of the w. w. and not from the date of signing the contract?

**Answer:** *The Contracting Authority agrees that the deadline is 6 weeks from receipt of DNA samples.*

*In view of the large interest in tendering procedure 1/2020/ReDiverse, the Contracting Authority is extending the deadline for submission of tenders until 23. 12. 2020.*

Vice-Rector for Development

prof. dr hab. inż. Adam Szewczuk



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Bioróżnorodność wewnątrz i pomiędzy europejskimi rasami bydła czerwonego ochrona poprzez wykorzystanie.

Umowa nr SUSAN/I/ReDiverse/03/2018