

EXPLANATION OF THE PROCUREMENT DOCUMENTS

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In Prague on 25th February 2020

EXPLANATION OF THE PROCUREMENT DOCUMENTS I.

Pursuant to Section 98 of Act No. 134/2016 Coll., On Public Procurement, as amended (hereinafter referred to as the "Act"), the aforementioned contracting entity shall provide you with the following explanation / amendment or supplement to the tender documentation „**Genome and metagenome sequencing using NovaSeq platform**“

Wording request for the explanation of the procurement documents No. 1:

I found there was an error in the "442_Attachment No.5 - Tender price", the estimated number of library prep for the "Eukaryotic Genomes and Metagenomes" part should be 200 instead of 20, right?

The explanation of the procurement documents No. 1:

Yes, it is an error. 200 libraries (100 eukaryotic + 100 metagenome) is correct. New, modified Attachment No. 5 of the procurement documents is in attachment of this explanation of the procurement documents. The Participant is obliged to use this new modified Attachment No. 5 to fill in the bid price.

Wording request for the explanation of the procurement documents No. 2:

The technical specification specifies the required sequencing read length of 150 bp. However, it is not stated whether it is a single or pair-end reading. Please complete this information.

The explanation of the procurement documents No. 2:

The Client request paired-end sequencing.

Wording request for the explanation of the procurement documents No. 3:

In sequencing activities it is stated: Number of lanes – 30. How do you mean this specification? Does it technically mean LANES (Usually there are 2 lanes on flowcell – SP, S1 and S2 flowcells have got 2 LANES, but S4 flowcell has got 4 LANES.), or does it mean separate sequencing runs?

The explanation of the procurement documents No. 3:

Client does not require particular flowcell type, but he requires 30 lanes on these flowcells with expected outcome of 800Gb per lane.

Wording request for the explanation of the procurement documents No. 4:

Is it possible to merge more sequencing runs in single experiment using flowcells with more lanes?

The explanation of the procurement documents No. 4:

As for Termite genomes the Client will prepare the libraries using dual unique tag indexing, it is possible to merge more sequencing runs.

Wording request for the explanation of the procurement documents No. 5:

What is the size of sequenced genome?

The explanation of the procurement documents No. 5

Termite genome size vary between 0,8 to 1,5GB

Wording request for the explanation of the procurement documents No. 6:

What will be the number of sequenced libraries.

The explanation of the procurement documents No. 6:

Sequenced libraries are prepared by the client and the client will deliver the information, how many libraries can be put on one lane (currently client can not say how many libraries will be prepared). We assume, 30 lanes will be used.

Wording request for the explanation of the procurement documents No. 7:

If sequencing run set for 2x150bp (paired-end), guaranteed Q30 by Illumina NovaSeq is Q30>75%. So if this is the type of reading (see question a), we can not guarantee higher quality as you request in technical specifications. It is technological constrain. Will you still insist on meeting Q30> 80%?

The explanation of the procurement documents No. 7:

It is misspelling in procurement documents – requested quality is $\geq 75\% \geq Q30$

Wording request for the explanation of the procurement documents No. 8:

Is the bioinformatic analyses of the data requested (coverage, *de novo* assembly), or just delivery of sequences in FASQ format is desired?

The explanation of the procurement documents No. 8:

Client does not require any analyses of the data, just delivery of raw sequences in FASTQ format.

Wording request for the explanation of the procurement documents No. 9:

For Eucaryotic Genomes and Metagenomes: is specific kit selected for NGS libraries preparation, or Contractor will decide?

The explanation of the procurement documents No. 9:

Library preparation kit selection is up to Contractor, but it has to be kit for dual unique tag indexing libraries.

Wording request for the explanation of the procurement documents No. 10:

O jaký typ vzorků se jedná? (gDNA, FFPE)

What is the nature of samples? (gDNA, FFPE)

The explanation of the procurement documents No. 10:

The samples are isolates of total DNA usually from living termite tissues (mainly guts), but isolates from museum collections can appear and thus FFPE. Client expect majority of gDNA samples.

The explanation of the procurement documents No. 11

Pursuant to section 99 of the Act, the Contracting Authority decides to extend the deadline for submission of tenders until 13 March 2020 until 9:00.

Best regards

Mgr. Iva Mádlová
Head of legal department
Czech University of Life Sciences Prague