

**AGREEMENT ON THE NEED, SUITABILITY AND SHORTFALL IN RESOURCES OF THE TENDER FILE OF THE CONTRACT FOR IMMUNOSEQUENCING SERVICES ON B-CELL RECEPTORS (BCRS) AND T-CELL RECEPTORS (TCRS) USING A NEW GENERATION SEQUENCING PLATFORM FOR THE SYSTEMIC DISEASES RESEARCH GROUP OF THE FUNDACIÓ HOSPITAL UNIVERSITARI VALL HEBRON- INSTITUT DE RECERCA (VHIR).**

**2018-036 IMMUNOSEQUENCING SERVICE**

Dr Antonio Julià Cano, head of the Rheumatology Research Group of VHIR (GRR-VHIR), and the Head Researcher of project PI17/00019 entitled "*Biomarcadores de actividad en la artritis reumatoide. Estudio transversal y prospectivo basado en la inmunosecuenciación de anticuerpos y receptores TCR.*" ["Biomarkers of activity in rheumatoid arthritis. Cross-sectional and prospective study based on the immunosequencing of antibodies and TCR receptors".] has proposed that a tender file be launched for immunosequencing services on B-cell receptors (BCRs) and T-cell receptors (TCRs) using a new generation sequencing platform for the Systemic Diseases Research Group of the Fundació Hospital Universitari Vall Hebron- Institut de Recerca (VHIR).

The purpose of the contract involves the following tasks:

-Amplification and sequencing of the complementarity determinant region 3 (CDR3) from the mRNAs of the coding genes of the B-cell receptor (BCRs) and the T-cell receptor (TCRs). BCR genes include: the gene of heavy immunoglobulin (Ig<sub>H</sub>), the kappa immunoglobulin gene (Ig<sub>κ</sub>) and the lambda immunoglobulin gene (Ig<sub>λ</sub>). The TCR genes include: the alpha TCR, the beta TCR, the delta TCR and the gamma TCR..

The mandate of the Board of Trustees and the Board of Directors of the VHIR is to ensure the continuity and correct development of projects entrusted to this entity, seeking to find formulas to optimise internal functioning and management.

Based on the requirements of the Research Group, in order to properly carry out project PI17/00019, it is necessary to highlight the fact that the contracting of the aforementioned service is a necessity.

In this regard, in order to avoid affecting the aforementioned project throughout its duration and ensuring its continuity and optimisation based on the specific and ever-changing requirements of the pursuit of excellence sector, it has been decided to contract the service, seeking the best value for money.

The provision of the service is expected to have a duration correlated to that of project PI17/00019, that is to say, until 31 December 2020. Should this project be subject to the request of a possible extension for whatever reason that cannot be foreseen as of now, it would likewise be possible to extend the duration of the service up to the ultimately authorised date at the latest.

The maximum approved budget for the tender for the provision of the aforementioned tender is EIGHTY THOUSAND EUROS (€ 80,000.00) without VAT.

The contracting entity shall not be compelled to spend the entirety of the base tender budget, but rather, only those services that are effectively provided based on the prices offered shall be billed.



The non-division of the purpose into allotments is justified by the purpose of the provision itself as; failing that, the execution of the contract would become excessively difficult from a technical point of view, with a high risk of harming the proper execution of the project.

In view of the need to carry out an open procedure with ordinary processing and non-harmonised regulations as per the criteria of Law 9/2017, of 8 November, on Public Sector Contracting, whereby Directives of the European Parliament and of the Council 2014/23/EU and 2014/24/EU, of 26 February 2014, are transposed into Spanish law.

In view of all of the above,

**IT IS HEREBY DECIDED:**

- 1.- To order the opening of the tender file for immunosequencing services on B-cell receptors (BCRs) and T-cell receptors (TCRs) using a new generation sequencing platform for the Systemic Diseases Research Group of the Fundació Hospital Universitari Vall Hebron- Institut de Recerca (VHIR), the maximum budget for the tender being set at € 80,000.00, without VAT.
- 2.- To order the certification of the existence of sufficient credit to certify that the VHIR has a sufficient budgetary endowment to face the expenses arising from this tender file.
- 3.- To draft the Specific Administrative Bidding Conditions and Technical Specifications in accordance with the provisions of the aforementioned Law.

Barcelona, on the 20th of November 2018

**CONTRACTING ORGANISM**  
Dr Joan X. Comella Carnicé  
Director

Fundació Hospital Universitari  
Vall d'Hebron – Institut de Recerca (VHIR)

**Dr Antonio Julià Cano**

IP PI17/00019

Systemic Diseases Research Group  
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