

UNDP CYP ITB 018 2019

ITB Subject: Forensic Genetic Laboratory services for the Committee on Missing Persons in Cyprus

Clarifications no 2 dated 27 March 2019

	QUESTIONS	ANSWERS
1	<p>Could we please clarify the Authority's requirement for SNP analysis? Reference is made to the requirement for SNPs in various sections (Section 5, 2B(1) and 3C and D, etc), but there does not appear to be any detail provided regarding which SNPs are required for comparison with existing database results, and we note that SNPs are not included in the section payment paragraph on page 31 where other marker types are listed. Could we please confirm if a Contractor has to undertake SNP analysis if it has a comprehensive range of other DNA techniques/markers for follow-up analysis?</p>	<p>SNP analysis is not required as a regular DNA technique for every case sent to the contracted laboratory. SNP analysis will only be required in specific cases that we only have distant relatives and the regular (STR analysis) is not enough for an identification. This means that every bone sample sent to the contracted laboratory will be analysed for STR analysis (preferable PowerPlex Fusion) but if the case cannot be resolved, there might be a need for further analysis (SNP analysis). Our Family Reference Samples Database does not consist any SNP profiles so if there is a need for SNP analysis, the contracted laboratory will be asked to perform SNP analysis for the Family reference samples as well.</p>
2	<p>Could you please confirm that if a Contractor uses its existing LIMS system, which has been validated and forms part of its accreditation, that the ownership of the LIMS will of course remain with the Contractor?</p> <p>Section 5 11, 4 states that 'the LIMS tracking of bone/tooth samples are the property of CMP'. Should we assume that you mean that the data within the LIMS relating to the CMP samples is owned by CMP?</p>	<p>Yes, the ownership of the LIMS will remain with the Contractor.</p> <p>Yes, any information or data related to the CMP samples or cases is owned by CMP. Any data related to Postmortem and/or Antemortem database sent to the contracted laboratory will be returned to CMP by the end of the contract. This also applies to any genetic results obtained by the contracted laboratory and any remaining bone samples will also be returned to CMP by the end of the contract.</p>
3	<p>We are asked to provide costing for transportation per 100 samples. Section 5 8 III, 'Submission of bone samples' describes how the samples will be prepared for shipping to the Contractor in shipping containers. Could you please confirm what sized shipping containers are used and how many are required to contain 100 samples so that we can provide costs. Can you also please confirm if samples are shipped at ambient temperature, on ice or with dry ice, and if a commercial courier is to be used? Should the shipping costs also include the costs of the return of any residual samples after analysis (and at the end of the contract) or is this the cost per shipment in either direction of 100 samples?</p>	<p>There are different sizes of shipping containers that might be used. 100 samples are usually put in a shipping container of a size 58x38x38h. We are currently using a international courier operating in Cyprus. The samples are shipped at ambient temperature. The shipping cost should also include the cost of the return of any residual samples after analysis however, it depends on how many samples are left to be returned to CMP by the end of the contract. So, the shipping cost for returning any residual samples should not be for 100 samples because we don't know how many will be left to be returned.</p>
4	<p>So that we can better understand the storage requirements as well as what flexibility we have with the extraction process, are you able to please confirm the selection process for samples and what sized samples the Contractor might be expected to receive? With</p>	<p>The size of a sample depends on the condition and type of the bone. We are also dealing with cases that fragmented bones are recovered so the size of the sample depends on the size of the recovered bones. However, when we have long bones we cut a sample</p>

<p>regard to bone samples, for example, would the Contractor expect to receive a section of bone or the selected bone itself; if a section, what sized section is usually submitted. We note that reference is made to 'chemical treatment' in Section 5 8 III and so wonder what chemical treatment is envisaged.</p>	<p>(not the selected bone itself) depending on the Contractor's SOPs. The "chemical treatment" in Section 5 8 III refers to any chemical treatment that the bones might underwent so if known by us, the Contractor will be notified before we sent the samples so that they are aware of the situation and they can inform us about the methodologies/techniques that might be used</p>
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