### ESPGHAN TENDER DOCUMENT FOR ADAPTATION OF EVIDENCE BASED GUIDELINES DEVELOPER SUPPORT

<table>
<thead>
<tr>
<th>Service:</th>
<th>Application/online tool developer for medical guidelines</th>
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<tbody>
<tr>
<td>Society:</td>
<td>The European Society for Paediatric Gastroenterology, Hepatology and Nutrition</td>
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<tr>
<td>Project duration:</td>
<td>When required (dependent on individual Guideline, please see specifications below)</td>
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<td>Contract duration:</td>
<td>Project/Guideline dependent</td>
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The European Society for Paediatric Gastroenterology Hepatology and Nutrition (ESPGHAN) is a multi-professional organisation whose aim is to promote the health of children with special attention to the gastrointestinal tract, liver and nutritional status, through knowledge creation, the dissemination of science based information, the promotion of best practice in the delivery of care and the provision of high quality education for paediatric gastroenterology, hepatology and nutrition professionals in Europe and beyond.

ESPGHAN issues a range of position papers and guidelines throughout paediatric gastroenterology, hepatolgy and nutrition. ESPGHAN is currently looking for service provider support for the conversion of selected Evidence Based Guidelines into summarized, informational web/application platforms for use by Health Care Professionals in the consultation process and in the treatment of patients.

The Guidelines are written in full length (format in word or pdf. documents), with summaries for all adaptation requests provided by internal ESPGHAN Officers. Based on this summary document, the services required will be the development of a user-friendly application available on both the company website and compatible with use on a mobile phone or tablet device.

There will be several Guidelines to be developed, although they can be grouped into clusters with similar functionality. This means there will be work that can and should be reused between Guidelines. ESPGHAN will value the ability to reuse work and code, with lower incremental costs for each new Guideline.
For each Guideline, the following specifications will be required;

- Creation/Use of a modular system which can be reused for different application requirements with a clear outline on the framework/tools involved at the design stage and how this will facilitate modularity and will be mirrored in the final code;
- UI/UX independence from code to enable mock-ups for the interface of each application. Please include details of the tools to be used, and if this tool can enable code generation;
- Development of front-end/interface design based on current ESPGHAN Corporate Identity manual;
- Independence from the final platform will be a strong preference, with the use of tools that can automatically deploy code into (at least) three different platforms: iOS, Android and Web (app). Please outline how this will be accommodated;
- Establish methods for creating algorithms based on the information provided in the specific Guidelines;
- Creation of information/treatment tables and indices based on Guideline summaries;
- Inclusion of link to/opportunity to download full paper (imbedded within the application/web platform);
- General scope for testing/review of first design and opportunity to amend/finalise before upload;
- Costing for creation of modular system development and each following guideline with clear and concise pricing guide for additional elements beyond the basic scope of algorithms, tables and indices (calculation tools, for example).

Please ensure all quotes include individual guideline adaptation i.e. cost per paper, including any additional costs for more advanced services, should they be required/requested.

Tenders for this service should be sent to the ESPGHAN Treasurer, via the ESPGHAN Administration Office (office@espghan.org) by the 10.10.2019.

Please include an overview on your company (CV and portfolio) including tools used in development of similar products to the one mentioned in this tender and any other relevant information you deem necessary. Examples of previous Applications developed would be preferable also.

We look forward to receiving your proposal.