

Background

At RangerRFX, our goal is to build a set of AI products that will allow our customers to more easily complete “Request for Proposal”, “Request for Bid”, “Request for Quotation” etc, which we will refer to as “RFX” for the remainder of this document. The purpose of this take-home assignment is two-fold: (1) to give the candidate a sense of the problems we are working on; (2) to allow for fair evaluation of the candidate based on tasks that are most relevant to what we do at RangerRFX. Below are details about the take-home assignment.

Deadline: We would like for this take-home assignment to be completed within one week of receiving it. Moreover, we prefer for it to be completed sooner, and we expect the candidate to spend no more than 3 hours working on it. Also, it is not necessary to complete all of the items listed in the task description below, please use your judgment.

Task description: The province of British Columbia has a repository of open (and expired) RFX opportunities. To browse these opportunities, go to the BC Bid website (https://bcbid.gov.bc.ca/page.aspx/en/rfp/request_browse_public) and filter for “Opportunity Type” of “Invitation to Bid/Quote/Tender”, and “Request for Proposal/Tender”. You will see 100+ opportunities.

When you click into one of the opportunities, you will see some general information about the RFX, but more importantly in some of them you will see one or more documents attached, often in the “RFX Documents” section.

For your task, you should:

1. Collect a number of RFX documents. Feel free to decide how many RFX documents you wish to collect.
2. Create a repository of RFXs based on what you collected in (1). You may decide how the repository should be structured. For example, it could be a database, or a csv file, a JSON object, or simply a folder with files.
3. For each document in the repository from (2), identify some insights on the documents. For example, you might want to arrange them into categories based on content, or you might want to extract the value of a request in dollar terms. You may explore insights of your choosing, so feel free to be creative.
4. Build a simple tool by leveraging LLMs to allow the user to ask questions about the documents. The tool can be a simple Python function. If you don't have access to the API of an LLM you may record a video using the web version of an LLM instead.