

With regards to the NRWDI/SET/1-2022/23, Request for Proposal (RFP): APPOINTMENT OF A PRELIMINARY DESIGN PRACTITIONER FOR A CENTRALISED INTERIM STORAGE FACILITY (CISF) FOR SPENT NUCLEAR FUEL

We have the following requests for clarification:

1. Extension of closing date: considering the December holiday period and the necessity of producing a good quality offer for ease of NRWDI's evaluation, the supplier requests an extension of the closing date from the 25/01/2023 to the 28/02/2023. **Unfortunately, your request for the extension of the closing date to 28 January 2023 is not granted. The closing date of the bid is 25 January 2023 which did make provision for the festive season break as prospective bidders were granted 48 days from the date that the bid was advertised, 8 December 2022, to prepare and submit their proposals.**
2. Scope and available input information: The RFP requests the supplier to develop a lump sum price for the preliminary design, therefore, in order to enable the supplier to develop detailed pricing, could NRWDI please share the following information with the supplier:

- a. Design basis information (seismic criteria, airplane crash, high winds, temperatures etc);

RESPONSE: This information is obtainable in the attached CISF Project Feasibility Study Report (draft), in particular Chapter 4, Section 4.2, pages 53 to 55. Keep in mind that the facility will be established on the Vaalputs national radioactive waste disposal site (Northern Cape) and the characteristics of this site are provided in Chapter 3 of the Report.

Further information can be referenced in:

- [1] INTERNATIONAL ATOMIC ENERGY AGENCY, Seismic Design and Qualification for Nuclear Power Plants, Safety Guide No. NS-G-1.6, 2003;
- [2] WESTERN EUROPEAN NUCLEAR REGULATORS ASSOCIATION, RHWG Guidance Document Issue T: Natural Hazards (Seismic Events), Published by Reactor Harmonization Working Group (RHWG), Nov. 4, 2016;
- [3] INTERNATIONAL ATOMIC ENERGY AGENCY, External Events Excluding Earthquakes in the Design of Nuclear Power Plants, Safety Guide No. NS-G-1.5, 2003.

- b. Feasibility studies performed to date; and

RESPONSE: The CISF Project Feasibility Study Report (draft) is here attached.

- c. Any other relevant technical information that you believe the supplier would find relevant.

RESPONSE: All relevant technical information is in the attached CISF Project Feasibility Study Report (draft).