

**Partial Contract concluded on the basis of the Framework Agreement signed on
12 October 2016 with the title:**

**Utilization of foreign experience in the siting process for a deep
geological repository for radioactive waste in the Czech Republic**

between

CONTRACTING PARTIES

Client: Česká republika – Správa úložišť radioaktivních odpadů

Registered office: Dlážděná 6, 110 00 Praha 1, Czech Republic

Represented by: JUDr. Jan Prachař, Managing Director

ID: 66000769

Banking details:

Name of Bank: ČNB, Na Příkopě 28, Praha 1

Account No.: 35-64726011/0710

Not a payer of VAT

(hereinafter referred to as the “**Client**”) and

**Name of company: Posiva Oy (lead party) in a consortium with Saanio & Riekkola Oy
(from 31 August 2018 onwards, the company name is A-Insinöörin Civil Oy)**

Registered office: Olkiluoto, FI- 27160 Eurajoki, Finland

Represented by: Janne Mokka

ID: 1029258-8,

Tax ID: FI10292588,

Banking details:

Name of Bank: Nordea (NDEAFIHH)

Account No.: FI 281660 3001 1003 98

(hereinafter referred to as the “**Supplier**”)

(hereinafter both referred to as the “**Contractual Parties**”)

The Contractual Parties hereby conclude the following Partial Contract (PC) in accordance with the provisions of Article 5 and in the format of Annex No 4 of the Framework Agreement.

Utilization of foreign experience in the siting process for a deep geological repository for radioactive waste in the Czech Republic

Name of the Partial Contract:	Management of DGR R&D organisation
Area of Services:	i. the preparation of DGR development strategy and project management plan
ID of Services:	SO2016 – 120 - 18

	Function	Name	Date	Signature
Client approved for chapter 1	Project Manager	Xxxxx xxxxxxxxx	8.2.2021	
Compiled by	Project Manager of the Partial Contract	Xxxxx xxxxxxxxx	8.2.2021	
Partial Contract approved by the Client	Managing Director	Jan Prachař	8.2.2021	
Supplier approved - project manager	Project Manager	XXXXXXXXXX xxxx	1.3.2021	
Supplier approved - manager of the partial contract	Project Manager of the Partial Contract	Xxxx xxxxxxxx	2.3.2021	
Partial Contract approved by the Supplier	Sales Director, Posiva Oy	Xxxx xxxxxxxx	2.3.2021	
	Vice President, A-Insinöörin Civil Oy	Xxxx xxxxxx	4.3.2021	
	Managing Director, Posiva Solutions Oy	Xxxx xxxxxxxx	2.3.2021	

Note: This Partial Contract (PC) has been concluded in compliance with the conditions of a Framework Agreement (FA) signed on 12 October 2016 entitled: "Utilization of foreign

experience in the siting process for a deep geological repository for radioactive waste in the Czech Republic”.

1 CLIENT’S ASSIGNMENT

1.1 Requirements concerning the scope and technical specifications

This Partial Contract is dedicated to the support of SURAO Research & Development management staff in development of the project management and organizational structure. This is to assist R&D to efficiently to achieve successful DGR construction license application. The project management will be divided in following WP:

WP 1: Development and evolution of R&D management system and organization – lessons learned from POSIVA and SKB

This PC will include the specification of different management activities in order to develop the DGR construction license application efficiently and cost effectively, based on current SURAO *RD Plan*. This work package includes two different activities:

Activity 1: a half-day workshop presenting the R&D management and organization of POSIVA and SKB as well as strategies and their development over time. The lessons learned and main risks will also be presented.

SURAO will present its own R&D organization and management system as well as its situation and main needs and goals. This will be discussed in SWOT (*strengths, weaknesses, opportunities and threats*) framework.

After the workshop, the Supplier drafts the structure of a proposed SURAO R&D management system (hereinafter referred to as “Structure”) and related personal representation (*such as person-years, internal/outsourced competencies etc.*) and lists the main documentation, its hierarchy and mutual relations in form of report and presentation.

The development of the Structure will be given over SÚRAO project milestones:

- from present to 2023 (*start of site drillings; this phase includes a lot of R&D related to repository design, buffer and backfill development, canister development, safety case development and URF Bukov operations*)
- 2023 - 2025 (*update of disposal & safety concept*)
- 2026 - 2030 (*final site + backup site selection*)
- 2031 - 2035 (*construction of the underground research facility to verify the site conditions - to be part of the final disposal facility*)

This will be delivered to SURAO a week before Activity 2.

Activity 2: a half-day workshop at which the draft report will be presented, discussed and edited.

After the workshop, the Supplier compiles an updated draft report and presentation and delivers it to SURAO a week before Work Package 2.

WP 2: SURAO R&D management system development

This WP2 consists of a joint half-day workshop with SURAO R&D management staff in order to develop strategic managerial document based on outputs of WP 1.

After the workshop the Supplier drafts a proposal (*Power Point format*) for SURAO R&D management system and its development over the main DGR project stages (e.g. *R&D till selection of 4 sites, site characterization stage till selection of 2 sites, compiling the construction license application in form of report and Gant Diagram*).

WP 3: Training

This work package includes the occasional training of the SURAO staff based on Client requirements.

The Client nominates the following person as the Project Manager for the Partial Contract (PC): xxxxx xxxxxxxxx, e-mail xxxxxxxxxxxxxxxxxThe Supplier will communicate directly with this person.

The Client requires the Supplier to nominate those PC participants that will be financed from this Partial Contract.

Changes of persons nominated either by the Client or the Supplier are permitted without the requirement for amending the PC. In case of a change of Project Manager either on the side of the Client or the Supplier, the Project Manager of the one party shall be required to notify his/her counterpart in writing of the change.

1.2 Required Services deadlines

WP1 and WP2 are to be completed in 3 months from project start (PC signature) and WP3 can continue, based on SURAO requests for support, till 31.12.2021.

1.3 Estimated labour intensity and/or its limitation

The Client estimates that the work involved in the PC will amount to.

Point in the PC	Activities	Estimated labour intensity [hours]
WP1	Two half-day workshops by four experts, preparations of presentations in them and a Power Point report after each of them. The first one contains the draft management system and organizational development of SURAO R&D and the second one is the update of that report, based on findings in workshop 2.	240
WP2	A half-day workshop by three experts and preparations of presentations in them. After the workshop a Power Point report of proposed management system.	100
WP3	Training as needed. An estimate: two one-day trainings by two experts + preparations	104
	Project management	24
Total		468

1.4 Specific requirements concerning the organisation of the Services

The Client requires support from both POSIVA and SKB.

2 CONFIRMATION / MODIFICATION OF THE ASSIGNMENT OF SERVICES BY THE SUPPLIER

2.1 Scope of the Services and technical specification

See 1.1. above.

2.2 Price of the Partial Contract

The Supplier states herein the price limit of the Partial Contract which is based on the labour intensity determined in accordance with Article 2.3 of this document and the rates specified in Article 4.3 of the FA. Based on the preliminary allocation of working hours to the various experts and their hourly rates, the price estimate (exclusive of travel costs) is set at 77 037 €. The Supplier shall be required to justify all the expenses incurred. As a minimum, consultation at the Client's premises will incur travelling expenses.

2.3 Organisation of the Services

The Supplier shall set out the various activities corresponding to the work schedule, the persons involved in those activities and their roles in Table 1. When determining labour intensity, the Supplier shall take into account the limit set by the Client in Article 1.3 of the Partial Contract (468 hours).

The Supplier shall set out the organisation and accountability of the persons involved in the Partial Contract in Table 1. Estimated hours per category are listed in Table 2.

Table 1. Personnel and roles in the activities set out in the Partial Contract.

Name	Role/position	Knowledge areas relevant to this PC
Mr. xxxx xxxxxxxx	PC Manager & senior adviser	Business management & Posiva management expertise
Ms. Xxxxxx xxxxxxxx	Senior adviser	Posiva management expertise
Mr. xxx xxxxx	Senior adviser	SKB management expertise
According to needs	Adviser	Posiva management expertise
Ms. Xxxxxx xxxxxxxx	Expert	Organisatory planning and reporting
Ms. Xxxxxxxx xxxxx	Adviser	FA Project Manager

Table 2: Personnel hours by category

Category	Hours	%	Price/€
01	290	62	53578
02	124	26	18974

04	54	12	4485
Total	468		77037

2.4 Risk identification

The risk identification, assessment and management procedures are set out in Annex no. 3 of the FA. The time schedule depends to some extent on the availability of the initial data in the English language and availability of Client's personnel to workshops.

3 CONCLUSION OF THE PARTIAL CONTRACT

The Articles 1 and 2 of this Partial Contract are valid in full.

The Partial Contract will be concluded in line with Article 5 of the FA.

This Partial Contract becomes valid and comes into force on the date of its signature by authorized representatives of both Contractual Parties.