Contract No: xxxxx

SPC No : xxxxx-1

*Capacity team for Specification Service and Middleware*

Statement of Work (SoW)

**Version 1.0**

*The SOW document or Request For Quote shall always* *include relevant document- and revision number though this document is a part of the Commercial contract between the parties.*

*If there is some information that is not relevant or missing, please, add or remove.*

Contents

[1 Introduction 3](#_Toc98746606)

[2 Scope 3](#_Toc98746607)

[2.1 Scope 3](#_Toc98746608)

[3 Competences 4](#_Toc98746609)

[4 Time line 5](#_Toc98746610)

[5 Limitations 5](#_Toc98746611)

[6 Responsibilities 5](#_Toc98746612)

[6.1 Scania Responsibilities 5](#_Toc98746613)

[6.2 Supplier Responsibilities 6](#_Toc98746614)

[7 Working methods 6](#_Toc98746615)

[7.1 Access to premises 6](#_Toc98746616)

[8 Resource Equipment 6](#_Toc98746617)

[Revision History 6](#_Toc98746618)

# Introduction

This document describes the scope and resources needed from the Supplier to support Scania CV with regard to the services related to“Specification Service”and the“Middleware” for Outbound, including roles and responsibilities. Both of the services are non-existing today and are to be developed. The names are working names, the actual service names are yet to be decided.

The approach how to build the team for the tasks described in this document will transform over time. The project will start with a capacity team set up where Scania is managing the team and results; the competences, roles and responsibilities described in this document are based on that assumption.

In the long run Scania is aiming for a product team approach, during later phases of the project as well as support and maintenance. A new SoW will be provided in that case.

# Scope

## Scope overview

The scope detailed in this SoW represents a high level overview of the work to be performed. It serves as input to the Supplier to determine the competences required to support Scania with the development and maintenance of the applications “Specification Service” and “Middleware” for Outbound.

The services performed MUST in all aspects align with the following objectives:

1. The steering and management of the project team is done by Scania.

For both services the scope includes:

* Development
* Maintenance
* Operations\*
* Support

\* depending on technical choices but likely to be a cloud based solution

## Technical scope

It is most likely that the following technologies will be used (final decision yet to be taken):

* Java
* AWS cloud
* Angular
* Tegel Design System (Scania Digital Design System)
* restAPI / Kafka

## Specification Service

When introducing SAP to Scania, the company is in need of handling specifications and information around the specification and product individuals outside SAP. This is due to Scania’s specific business setup. Therefore a decision has been taken to develop the Specification service.

The long term goal is that the Specification service will be the core application for Scania when handling specifications and product individuals, the total scope is therefore much broader than described in this document. The project will start with the requirements for Industrial Order Management to meet the deadline for the introduction of SAP.

Development will be conducted in steps, aligning with the time plan for the SAP project Nova Order & Invoice and IEB (Industrial ERP Backbone program). Each step will most likely result in a sharp go-live.

## Middleware for Outbound

Scania’s new TMS SIRIUS is heavily customized and contains a lot of non-outbound related data which was added in order to meet Scania specific requirements when replacing the old system. This has caused issues with the job server at Blue Yonder as well as many reoccurring incidents for the users.

In order to improve performance and architecture of the solution the suggestion is to build a middleware that can hold data and logic which are not native to the outbound process but still needed to make the process and integrations with surrounding systems work.

The Middleware for Outbound will be an integration hub in tight collaboration with Sirius. All integrations connected directly with Sirius today should go through the Middleware.

A pre-study is currently being conducted by Scania together with Blue Yonder (supplier of TMS) in order to describe the scope and the requirements for the Middleware.

# Competences

To complete the project teams Scania is in need of developers with the following competences:

* Solid knowledge of the relevant technologies (see 2.2) with minimum 3 years of experience
* Quality assurance through Unit test and participation in Integration tests
* Professional approach in all interactions with Scania
* Proactivity to support quick problem solving
* Team player focusing on common goals
* Open mindset and curiosity to find new ways of solving problems
* Self-going in organizing work in order to meet set targets
* Good communication skills

Scania is looking for 5-8 developers which will most likely be distributed between the projects as stated below:

* Specification Service: 4-5 developers
* Middleware: 2-3 developers

# Time line

## Specification Service

A pre-study is currently ongoing to identify the requirements. Development needs to start in December 2022 in order to meet the time line. The first delivery is planned for June 2023 and go-live latest Q4 2023 .

* Starts: 2022-12
* Ends : 2024-12 (with the option to prolong)

## Middleware for Outbound

A pre-study to look at requirements will start in Q4 2022. Development can start during 2023.

* Starts: 2023-03
* Ends : 2025-03 (with the option to prolong)

# Location

The general approach would preferably be On-site. Scania would like to receive a proposal what the possibilities are given due to the short time line for Specification Service, the resources need to start already in December 2022. Based on this and what is possible, Scania is open for discussion for different approaches.

Given the above set-up, during certain sensitive phases of the project it will be necessary to have the whole team onsite, e.g. in the beginning of the project to ensure knowledge ramp up and team building. It will be up to the project management together with the supplier to create a suitable plan for onsite phases.

# Limitations

N/A

# Responsibilities

## Scania Responsibilities

Scania shall:

* Manage the team and its members
* Specify the competences
* Follow up the performance and initiate actions needed to improve/secure /change members of the team
* Plan and execute the necessary Scania knowledge ramp up
* For both projects, “Specification service” as well as “Middleware” Scania will provide the teams with key competences such as:
  + Project management
  + Solution Architecture
  + Software Architecture
  + Key development
  + Business Analysis
  + Quality Assurance (for System/Flow test and Acceptance test)

## Supplier Responsibilities

Supplier shall:

* Secure right competence relevant to the assignment
* Ensure that the persons have the right conditions and understanding to fulfill the expectations from Scania.
* Follow up the individual performance and initiate needed competence development for the Scania assignment.
* Ensure continuity in personnel to ensure quality and delivery on time
* Secure long-term Scania knowledge in case of personnel turn-over

# Working methods

## Access to premises

Access to premises is according to Scania ISEC (IT Security Code of Conduct).

Information about the Security rules regarding project result, material, responsibilities, etc is described and agreed upon in the general Contract.

# Resource Equipment

The following Parties are responsible for needed resources e.g. equipment, material, premises as follows:

Scania:

1. Scania ID
2. VDI
3. Access to necessary software and applications

Supplier:

1. Computer
2. Phone

# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 2022-11-09 | 1.0 | Initiation of contract | Alexandra Stecker |
|  |  |  |  |