

Sponsorship Agreement
(“Agreement”)

by and between

Göteborgs Tekniska College (GTC),
registration number 556570-6768, 417 56 Gothenburg, Sweden

- hereinafter referred to as “GTC” -

and

Siemens AB,
registration number 556003-2921, 169 56 Solna, Sweden

- hereinafter referred to as “Siemens” -

- GTC and Siemens hereinafter referred to individually
as “Party” or collectively as “Parties” -

for

Education Center Battery Gothenburg

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Preamble

The background of this Agreement is that the Parties have agreed to collaborate on the Education Center Battery with the aim of jointly contributing to industrial development within the battery and automotive industries, as well as to the industry's competence supply needs. The sponsorship shall contribute to:

- Strengthening the Education Center with relevant equipment,
- Providing expertise,
- Creating synergies between the sponsoring company and other partners such as Volvo Cars, Volvo Group, Novo Energy, academia, and research institutes, and benefiting the participants,
- Contributing to the attractiveness of the Education Center.

Siemens shall contribute with modern equipment as a quality-enhancing element in the education center according to the terms and conditions outlined in this Agreement. The collaboration between the parties follows Göteborgs Stads' rules for sponsorship, stipulating that the sponsorship is time-limited and that no dependencies or demands for influence from the sponsoring company in relation to the operations are allowed. The sponsor's name may be displayed in the Education Center Battery but must not dominate.

Now, therefore, the Parties agree upon as follows:

Article 1 - Definitions

"Force Majeure Event" shall mean the occurrence of an event or condition that is beyond a Party's reasonable control, and which cannot be reasonably foreseen including natural disasters or catastrophic events such as epidemics, nuclear accidents, fire, flood, typhoons or earthquakes, war, riots, sabotage or revolutions.

"Media" shall mean all kind of media as for example print media, broadcasting, internet and intranet as well as audiovisual media.

"Production Costs" shall mean any and all costs, taxes (e.g. VAT) and other charges incurred in the realization of the Sponsorship Rights by GTC, in particular but not limited to design, filming, production, distribution, warehousing, installation and logistic costs as well as branding or advertising support costs).

"Sponsorship Project" shall mean Education Center Battery Gothenburg.

"Sponsorship Rights" shall mean the commercial and other rights which are granted to Siemens by GTC in consideration for the Sponsorship Technology as stipulated in Annex 1.

"Affiliated Companies" of a Party shall mean companies, in which one of the Parties directly or indirectly

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(1) holds more than fifty percent (50%) of the voting rights, or

(2) has the right to appoint more than half the members of the supervisory board, the managing board or any other body having the right to legally represent the company, or

(3) has the right to manage the company's affairs,

- hereinafter referred to as "Subsidiaries" -

as well as such companies, which can directly or indirectly influence one of the contracting Parties in one of the above-mentioned ways ("Parent Company") and such Parent Company's Subsidiaries, as long as the above-mentioned requirements are fulfilled.

Article 2 - Scope of the Agreement

2.1 GTC shall grant to Siemens the Sponsorship Rights and perform certain services regarding the Sponsorship Project, as described in this Agreement and its Annexes.

2.2. Siemens shall provide the Sponsorship Technology to GTC as described in Article 6.

2.3. The Parties shall cooperate in good faith and shall especially avoid any conduct that may harm the image and good reputation of the other Party.

Article 3 - Status of Siemens

3.1 GTC grants Siemens the status of a non-exclusive sponsor.

Article 4 - Sponsorship Rights and Production Costs

For the contractual duration GTC grants Siemens and its Affiliated Companies the Sponsorship Rights. GTC will carry possible Production Costs. The market value of the Sponsorship Rights amounts to 151 360 SEK. GTC shall be responsible for any tax imposed on GTC under any applicable law. The market value of the Sponsorship Rights is exclusive of any applicable value added tax, sales tax or similar taxes (hereinafter "VAT or Similar Taxes"). GTC will invoice Siemens according to the market value of the sponsorship (60 360 + 91 000) 151 360 SEK with the information in the invoice "Sponsoring Siemens"

Article 5 - Rights to use the Parties' trademarks and logos

- 5.1 Siemens hereby grants GTC for purposes of the Sponsorship Project and during the term of this Agreement the right to use the logo attached in Annex 3 and the trademark and/or the company name "Siemens".

The right of use is limited to the usage of trademark and logo in any Media, documents and materials referred to in Annex 1 and is subject to the compliance with the Siemens Sponsorship Guideline attached in Annex 2. When using the name Siemens and/or trademark "Siemens", the type of cooperation shall be indicated clearly and the design template attached as Annex 3 shall be used.

- 5.2 In addition to the Sponsorship Rights outlined in Annex 1, GTC hereby grants Siemens, during the term of this Agreement or, in case of an usage pursuant to Article 11.4 beyond that, the non-exclusive, worldwide right to use trademarks and logos as attached in Annex 4 and/or company names of GTC as well as the term "Utbildningscentrum batteri Göteborg" in any Media in connection with communication and exploitation of the Parties' collaboration.
- 5.3 GTC will provide Siemens – at no charge – with medial usable material (e.g. photos, videos, reports) regarding the Sponsorship Project. Siemens and its Affiliated Companies may use such material in internal and external Media for public relation purposes.
- 5.4 Before usage under this Article 5 the exploiting Party shall submit to the other Party via email to the contact partner named in Article 11 any proposed advertising, promotional and communicational materials containing the other Party's trademark, logo and/or name of Party or Sponsorship Project. The other Party may object to the usage within 5 working days via email to the contact partner (Article 11), if the usage is not consistent with the provisions of this Agreement. Otherwise, the usage shall be deemed approved.
- 5.5 No Party is allowed to grant any sublicenses or to pledge the rights granted to it under this Agreement with rights of third parties or otherwise dispose of these rights.
- 5.6 No Party will use the other Party's trademark, logo and/or name in a way that may harm the other Party's reputation or standing or infringe the Party's rights to trademarks and logos.

Article 6 - Sponsorship Technology

- 6.1 Siemens agrees to donate the hardware listed in Annex 5 ("Hardware") to GTC. The Hardware is provided "as is" in its existing condition, without any warranties, express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, or non-infringement. Siemens

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has no obligation to remedy defects in the Hardware or replace the Hardware. No installation or maintenance services are included.

- 6.2 Ownership of the Hardware shall transfer to GTC upon delivery. However, GTC agrees to use the Hardware for the purpose of educational use only, in a production like process or use in educational training classes. The Hardware will be used only by students and teachers, and not be used for any commercial purpose. The Hardware may only be used in accordance with the manufacturer's guidelines. GTC shall not sell, lease, or otherwise transfer the equipment without the prior written consent of Siemens.
- 6.3 GTC is aware that licensed software to program and configure the Hardware must be purchased separately and that the software and license(s) are excluded from this Agreement. Recommended software/licenses according to Annex 6.
- 6.4 Siemens agrees to provide Academic Concurrent User term licenses for access to Siemens Virtual Training Solutions Cloud Services and Academic Software licenses to Siemens Virtual Training Solutions (jointly referred to as "Academic Licenses") to GTC, as further detailed in Annex 8. The Academic Licenses are governed by the license terms and conditions included in Annex 7 (i.e.) Siemens Universal Customer Agreement, ii) Virtual Training Solutions Platform – Cloud Terms Supplemental Terms for UCA, applicable for the Cloud Services, and Virtual Training Solutions Software Supplemental Terms for UCA, applicable for the Software, and iii) Virtual Training Solutions Academic Offerings Supplemental Terms for UCA, jointly referred to as the "License Agreement") with the following deviations. The Academic Licenses are provided as term licenses with the start date 2024-11-01 and end date 2025-11-01 (the "Subscription Term"). The Subscription Term ends automatically without any notice, unless the parties agree in writing to renew the Academic Licenses. The Academic Licenses will terminate immediately if GTC fails to comply with any of the terms and conditions of the License Agreement. The Academic Licenses are so called "No-Charge Offerings" under the Universal Customer Agreement, and are provided to GTC "as is", without any warranties, express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, or non-infringement. Siemens has no obligation to remedy defects or provide error corrections.
- 6.5 Further, Siemens agrees to provide Creation of Training Services to GTC up to a maximum of 50 hours, as further detailed in Annex 8. The Creation of Training Services are governed by the terms and conditions included in Annex 8 (i.e.) Siemens Universal Customer Agreement, and ii) Virtual Training Solutions Professional Services Supplemental Terms for UCA), with the following deviations. The Creation of Training Services are so called "No-Charge Offerings" under the Universal Customer Agreement, and are provided to GTC "as is", without any warranties, express or implied,

including but not limited to warranties of merchantability, fitness for a particular purpose, or non-infringement. Siemens has no obligation to remedy defects.

- 6.6 GTC agrees to indemnify and hold harmless Supplier from any claims, damages, or liabilities arising from the use of the Sponsorship Technology.
- 6.7 The market value of the Sponsorship Technology amounts to 151 360 SEK. Siemens shall be responsible for any tax imposed on Siemens under any applicable law. The market value of the Sponsorship Technology is exclusive of any applicable value added tax, sales tax or similar taxes (hereinafter "VAT or Similar Taxes"). Siemens will invoice GTC according to the market value of the sponsorship (60 360+91 000) 151 360 SEK with the information in the invoice "Sponsoring Siemens" and include the list of the hardware and software.

Article 7 - Export Control compliance

- 7.1 Export Regulations/ No Re-Export. GTC shall comply with all applicable sanctions, embargoes and (re-)export control, laws, and regulations, and, in any event, with those of the European Union, the United States of America and any locally applicable jurisdiction (collectively "Export Regulations"). Section 11 in Siemens Universal Customer Agreement included in Annex 7 governs the Academic Licenses and the Creation of Training Services in this respect. The Parties agree that section 11 in Siemens Universal Customer Agreement shall also be applicable for the Hardware mutatis mutandis. GTC will indemnify and hold harmless Siemens, its affiliates, subcontractors, and their representatives against any claims, damages, fines, and costs (including attorney's fees and expenses) relating in any way to GTC's noncompliance with this Section 7.1 and Section 11 in the Universal Customer Agreement, including GTC's and its users' and third party business partners' violation or alleged violation of any Export Regulations and GTC will compensate Siemens for all losses and expenses resulting thereof.
- 7.2 Reservation. Siemens shall not be obligated to fulfill this Agreement if such fulfillment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes or other sanctions. GTC acknowledges that Siemens may be obliged under the Export Regulations to limit or suspend access by GTC and/or users to the Offerings.
- 7.3 Breach of Export Regulation. Any violation of this Section 7 or Section 11 in the Universal Customer Agreement is a material breach of the Order entitling Siemens to suspend or immediately terminate this Agreement.

- 7.4 Both parties shall comply with all applicable sanctions, embargoes, import and export restrictions, customs and foreign trade regulations ("Foreign Trade Regulations"). GTC shall upon request promptly provide Siemens in writing with all information and data Siemens requires to comply with Foreign Trade Regulations in the further use of Sponsorship Technology provided under this Agreement].
- 7.5 If the GTC passes on material or immaterial goods received from SIEMENS within the scope of contractually agreed rights of use, the GTC shall in any event comply with the Foreign Trade Regulations of the European Union, the United States of America and any locally applicable jurisdiction. Upon request, the GTC shall provide SIEMENS with the specific end-user, end-use and intended purpose.
- 7.6 Siemens shall not be obligated to fulfill this agreement if such fulfillment is prevented by any impediments arising out of national or international Foreign Trade Regulations, in particular any embargoes or other sanctions.

Article 8 – Compliance

- 8.1. GTC ensures to comply with any applicable law when executing this Agreement.
- 8.2 GTC furthermore confirms that all expenses in relation to the Sponsorship Project are necessary and appropriate for the execution of such Sponsorship Project (e.g. for travel costs).
- 8.3 The Parties confirm that this Agreement is not concluded in the expectation of a preferential treatment of their products or other important business decisions in favour of a Party.**

Article 9 – Confidentiality

The Parties agree to treat the content of this Agreement confidential towards third parties during the term of the Agreement and for three (3) years after termination of this Agreement. The disclosure of any of the contractual agreements to a third party shall only be permissible following explicit written approval of the other Party, in case this is necessary for the protection of legitimate interest of one or both Parties or where this is required due to mandatory legal provisions. Third parties in this sense shall not include the Parties' Affiliated Companies or consultants requiring this information for the execution of this Agreement.

Artikel 10 – Liability

Siemens shall not be liable for any damages, whether direct, indirect, incidental, special, consequential, punitive damages or exemplary, including but not limited to damages for loss of profits, goodwill, use, data,



interruption of operations or other intangible losses (even if Siemens has been advised of the possibility of such damages), relating in any way to this Agreement.

Article 11 - Effective Date/ Term

- 11.1 This Agreement shall become effective upon signature of both Parties and shall and shall remain in effect until 2026-06-30 ("End Date"), unless terminated prior for good cause or due to a Force Majeur Event. After End Date, the Agreement will automatically terminate without the need for notice from either Party.
- 11.2 Both Parties are entitled to terminate this Agreement for good cause. A good cause event shall in particular be given where
- (i) the other Party breaches a material obligation under this Agreement (e.g. the obligations as set forth in Article 3, 4 or 5) and fails to remedy this breach despite a written reminder, within a reasonable period of having received the reminder,
 - (ii) the other Party becomes insolvent or enters into liquidation or has an administrator appointed to the whole or any part of its assets or
 - (iii) a Force Majeure Event occurred and a postponement of the Sponsorship Project could not be agreed on.

Termination notices must be executed according to Article 13.

- 11.3 Expiry or termination of this Agreement for any reason shall be without prejudice to the rights, obligations and remedies (including, but not limited to, injunctive relief) of the Parties existing at the date of termination, including the right to take action in respect of the circumstances giving rise to such termination.
- 11.4 Siemens shall be entitled to continue the use of any reports and further marketing material (e.g. photos, videos) regarding the Sponsorship Project, that have been provided by GTC or produced by Siemens, also after termination of this Agreement for marketing purposes and in the course of public relation work. This includes the right to copy, make available, publish and distribute such material in physical and non-physical form, in particular in internal and external Media. This right applies accordingly to Affiliated Companies of Siemens.

Article 12 - Contact Partner

Notices under this Agreement shall be directed to

Siemens Automation: Ulrik Johansson, johansson.ulrik@siemens.com, phone +46 73-6206371

Siemens Virtual Training Solutions, Tobias Grahn, tobias.grahn@siemens.com, +46 76-8300161

GTC: Johan Bengtsson, johan.bengtsson@gtc.com, phone 0708-581968

Article 13 - Miscellaneous

13.1 Involving third parties, GTC nevertheless is liable for compliance with the provisions of this Agreement and will take appropriate measures to ensure every third party's compliance therewith.

13.2 This Agreement includes the following Annexes:

- **Annex 1:** Sponsorship Rights
- **Annex 2:** Siemens Sponsorship Branding Guideline
- **Annex 3:** Design template of Siemens
- **Annex 4:** Siemens trademarks and Logos
- **Annex 5:** Donated Hardware.
- **Annex 6:** Recommended Software and licenses.
- **Annex 7:** Academic Licenses
- **Annex 8:** Creation of Training Services

The Annexes to this Agreement form an integral part of this Agreement. In the event of conflicts between the provisions of the Annexes and those in the body of this Agreement, the provisions in the body of the Agreement shall take precedence over those in the Annexes unless the Annex expressly provides that the provisions in the Annex shall take precedence over those in the Agreement.

13.3 If any provision(s) of this Agreement is held to be void, the validity and enforceability of the remaining provisions shall not in any way be affected or impaired thereby. The Parties shall use their reasonable efforts to substitute the illegal, invalid or unenforceable provision by a legal, valid or enforceable one, approximating as closely as possible to the original intent of the Parties.

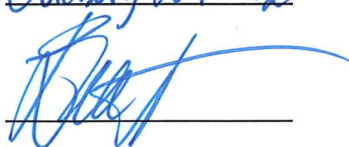


- 13.4 Termination notices, amendments or additions to the Agreement (including any waiver of the written form requirement), as well as the Agreement itself, must be executed either in writing or by electronic signature, using a software tool for electronic signatures.
- 13.5 This Agreement will be subject to the laws of Sweden, without reference to any conflict of laws rules. The United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement. Any dispute arising out of or in connection with this Agreement or the breach, termination or invalidity thereof shall finally be settled by arbitration in accordance with the Arbitration Rules of the Arbitration Institute of the Stockholm Chamber of Commerce. The seat of arbitration shall be Stockholm, Sweden. The language used for proceedings will be English, and orders for the production of documents will be limited to the documents on which each party specifically relies in its submission.
- 13.6 Neither Party may assign or transfer this Agreement or any of its rights or obligations under this Agreement, whether by law or otherwise, to any other person or entity, without the other Party's prior written consent, except that Siemens may assign and transfer this Agreement, in whole or in part, to any of its Affiliated Companies and – in connection with any type of merger, carve out, consolidation, divestiture, dissolution and/or any other type of business combination or business reorganization, including the establishment of joint venture companies and specific purpose companies – to any third party.

This Agreement will be issued in duplicate. Each Party shall receive a copy.

**Göteborgs Tekniska College
(GTC)**

Place, Date:

Göteborg 24/10/22


Name:

Eva Ekman
(Print) **VD**

Siemens AB

Place, Date:

Kraft
Mikael
Digitally signed by Kraft Mikael
DN: cn=Kraft Mikael, c=DE,
o=Siemens,
email=mikael.kraft@siemens.com
Date: 2024.10.01 18:29:08 +02'00'

Name:

Mikael Kraft
Head of Sales
Digital Industries
(Print)

Place, Date:

Krishnamoorthi
Srinivasan
Digitally signed by Krishnamoorthi
Srinivasan
DN: cn=Krishnamoorthi Srinivasan,
c=DE, o=Siemens,
email=k.srinivasan@siemens.com
Date: 2024.10.01 17:50:02 +02'00'

Name: Srinivasan Krishnamoorthi

Head of Virtual Training Solutions
(Print)

Title:

Title:

Title:

Annex 1: Sponsorship Rights

Obligations of GTC and rights/services granted to Siemens in consideration for the Sponsorship Technology

- **Marketing material.**
- Siemens is allowed and authorised to use the above sponsored virtual training project publicly for customer demos and in webpages, VTS (Virtual Training Solutions) FREE demo portal, references, presentations, webinars, fairs / events, articles, social media posts, images, videos, other publications etc with Battery training center name, logo and related details. Ensure active usage of the VTS (Virtual Training Solutions) for the first year batch of trainees getting trained during the Subscription Term (1st Nov 2024 to 31st Oct 2025. GTC shall gather and provide critical feedback on the Virtual Training Solutions of the trainees and visitors (Note: Feedback questionnaire will be jointly developed by Siemens and GTC, which have to be used and exchanged on a quarterly basis) .

Siemens is allowed and authorised to use the training project Battery Center as reference in public media including social media channels, for example: posts etc. on partners social media and in the promotion space like Siemens Virtual Training Demo page, customer demos.



Annex 2: Siemens Sponsorship Branding Guideline
Will be provided separately via email from Siemens

Annex 3: Design template of Siemens

<https://brandville.siemens.com/en/design-elements/logo>

Annex 4: Siemens trademarks and Logos

Will be provided separately via Email. Can also be downloaded via [Logo | Brandville \(siemens.com\)](#)

Annex 5: Sponsored Hardware

4 pcs of 6AV2123-2GA03-0AX0, Simatic HMI, KTP700 Basic DP panel, 7"

4 pcs of 6ES7214-1HG40-0XB0, Simatic S7-1200, CPU 1214C, compact CPU

1 pcs of 6ES7511-1AL03-0AB0, CPU 1511-1PN

Annex 6: Recommended Software

For 6AV2123-2GA03-0AX, SIMATIC HMI, KTP700 Basic DP panel, 7", corresponding licensed software 6AV2100-0AA02-3AH5, SIMATIC WinCC Basic V19.

For 6ES7214-1HG40-0XB0, SIMATIC S7-1200, CPU 1214C, compact CP, corresponding licensed software 6ES7822-0AE23-0YA5 SIMATIC STEP 7 Basic V19 Floating License.

For 6ES7511-1AL03-0AB0, SIMATIC CPU 1511-1PN, corresponding licensed software, 6ES7822-1AE23-0YA5, SIMATIC STEP 7 Professional V19 Floating License. Please note that 6ES7822-1AE23-0YA5, SIMATIC STEP 7 Professional V19 Floating License can be used for both 6ES7214-1HG40-0XB0, Simatic S7-1200, CPU 1214C, compact CPU and 6ES7511-1AL03-0AB0, CPU 1511-1PN.

Please observe that new software versions will come over time and it will be possible to upgrade recommended licenses and software.

Annex 7: Hardware value

Article Number	Description	Price	Quantity
6AV2123-2GA03-0AX0	Simatic HMI, KTP700 Basic DP panel, 7"	8280	4
6ES7214-1HG40-0XB0	Simatic S7-1200, CPU 1214C	4620	4
6ES7511-1AL03-0AB0	SIMATIC S7-1500, CPU 1511-1 PN,	8760	1

Annex 8 Services specification



Johan Bengtsson

Göteborgs Tekniska College AB
Personalvägen 17, 405 31 Göteborg

Name	Tobias Grah
Department	DI CS FA DIL VTS
Telephone	
Mobile	+46 768300161
E-Mail	Tobias.grahn@siemens.com
Your letter of	Meeting between Siemens and GTC on 23Aug2024
Our reference	TSS/TG/Quote1of1-Rev1
Date	2024.09.09

Subject: Quotation

Thank you for your request for a quotation. We are pleased to present our quotation or sponsorship offer based on the attached terms and conditions ("Quotation").

This Quotation is binding until:2024,11,27. Thereafter, the Quotation is non-binding and subject to our approval.

If you require any further clarification regarding our Quotation, please feel free to contact me.

Sincerely yours,

Siemens AB

Quotation/Offering

for Customer: [Göteborgs Tekniska College AB], reg. no. [556570-6768], a company registered in [Sweden] and having its registered office at [Personalvägen 17, 405 31 Göteborg] (the "Customer")

1. Scope

The professional services provided in this Quotation and Statement of Work are described in [Appendix A](#) ("Services"). The scope and the details of the Services are described exclusively in this Quotation and Statement of Work. Any change to this Quotation and Statement of Work shall be jointly agreed between the Parties.

Customer has expressed an interest to use Siemens' Virtual Training Solutions (VTS). Currently Sweden is turning into a hotspot for battery investments and the city of Gothenburg amongst others is rapidly emerging in the battery industry.

The investment in a Battery Training Center is one of 12 efforts to facilitate the supply of skills within the battery value chain and is carried out in collaboration between the City of Gothenburg, Employment Market and Adult Education, Business Region Gothenburg, the Municipal Association of the Gothenburg Region and the Västra Götaland Region.

- The battery education center is financed by the city of Gothenburg and the Västra Götaland region.
- Göteborgs Tekniska college (GTC) is responsible for operating the center and is a non-profit organization.
- Ownership by the city of Gothenburg and in conjunction with stakeholders from Volvo Group, Volvo Cars and NOVO Energy.
- The battery education center has a planned start of operations in the first quarter of 2025.
- The battery education center must operate until 31 December 2029.
- 7,000 people will be trained in the center.

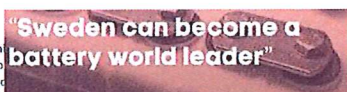
18 Jan 2024

NIB finances Northvolt battery production and recycling in Sweden

Also in Swedish

NIB has granted a 11-year USD 97.3 million (EUR 88.30 m) Northvolt Ett AB, as part of a consortium, for the development, construction, operation and maintenance of an integrated battery manufacturing and recycling facility in Skellefteå. InvestEU programme will support USD 31.6 million of the Sustainable Infrastructure policy window.

The loan will co-finance two new battery cell manufacturing lines to expand the capacity of the Northvolt ETT factory, as well as a plant (Revolt Ett) providing input materials for cell manufacturing.



Batteries are the key to climate transition, but today's battery production needs to be ramped up exponentially in order to satisfy the market. "The growth is huge, but in order to harness the potential, the industry needs to strengthen its expertise when it comes to integrating batteries into products," says Claes Wernik, the person leading a major initiative at NIB aimed at supporting the research and expertise existing in the organisation to focus on research to batteries.

In terms of the manufacture of batteries, China has long been the obvious leading player in the industry. However, as most of the battery production capacity is concentrated in China, it is becoming increasingly difficult to find a reliable source of raw materials for the battery industry. This is why the NIB is supporting the research and expertise existing in the organisation to focus on research to batteries.

Sweden turning in a hotspot for battery investments

Last week, the Chinese battery company Shanghai Putailai New Energy Technology (PTL) announced its plans to establish a factory in Northern Sweden, just outside Timrå with the aim to build Europe's largest facility for the manufacture of anode materials.

Anode material is a main component of batteries, but currently production of this key material is extremely limited. The establishment of this factory is therefore welcome news for strengthening the battery ecosystem in Europe.

The facility is expected to have an annual production capacity 50,000 tonnes of anode materials in a first phase that can be expanded to 100,000 tonnes during the second phase of the establishment. Construction is currently planned to begin in 2024 and if all permits are in place, the factory should be able to produce anode material for the Swedish battery manufacturer Northvolt's batteries in 2025-2026.

Picture 1. Sweden is turning into a hotspot for Battery manufacturing.

The primary objectives of sponsorship activities are to:

- strengthen customer relationships and positioning Siemens in the growing battery industry.
- Increase the understanding of the Siemens brand.
- Differentiate from the competition.
- Increase employee motivation, satisfaction, and pride.
- Position Siemens as a good corporate citizen.

More specifically our focus area will be towards

- Education & Science which mainly focuses on three pillars:
 - Technology showcase and research – GTC will be granted access to our technology (virtual training solutions software)
 - Talent promotion / acquisition – supply of skills within the battery value chain by developing battery specific training content.
 - Good corporate citizenship – Cooperate with the city of Gothenburg and the stakeholders of GTC.

Applying virtual training for their internal training has been defined to evaluate hereinafter called the "Purpose". The Proof of Value will focus on the selected scenarios for the customer as described in Appendix A. Therefore, Siemens provides Customer with an offer for agreed Cloud Services and creation of training services, as further described in this quotation and statement of work.

Our internal Quotation and Statement of Work are based on the following:

1. Alignment meetings between Siemens & GTC

In the event of any inconsistency between the listed sources, they shall prevail in the mentioned order.

1.7. Services – overview and prices

The price in the schedule below is one-time service fee for the Services, conditional upon that the delivery of the Services can start latest six months following the date of a binding Order.

Work package	Product Number	Place of Services	Customer price (SEK NET, ex VAT)
Professional Services as detailed in Appendix A	9LF1110-7VT00-0BA0	Remote	2000 SEK
Discount offered = 100% on account of sponsorship			- 2000 SEK
Total:			0 SEK

Applicable Supplemental Terms:

- Virtual Training Solutions Professional Services Supplemental Terms for UCA.

General information:

- For details regarding what is included in the Services, please refer to the scope description in Appendix A.
- No changes will be made to the scope of Services unless Customer and Siemens agree in writing to the change and any resulting price, time plan, or other contractual modifications.
- The price for additional services not included in this Quotation will be provided in a separate quote.

2. Invoicing and Payment Terms

Services will be invoiced upon delivery.

3. Contact Persons and Notices

Any notices and communications shall be sent exclusively to the following contact persons:

For Siemens

Name	Tobias Grahn
Address	Stora Badhusgatan 18 411 21 Gothenburg Sweden
Email	tobias.grahn@siemens.com

For Customer

Name	Johan Bengtsson
Address	Personalvägen 17 405 31 Gothenburg Sweden
Email	johan.bengtsson@gtc.com

Notwithstanding the foregoing, notices of claims or notices regarding disputes shall always be sent by postal mail to the company addresses of the Parties above.

4. Applicable Terms and Conditions, Order of Precedence

The Terms and Conditions listed hereinafter form an integral part of this Quotation and apply to the provision of the Offerings according to the below order of precedence.

- The body of this Quotation;
- Specific Supplemental Terms as listed in Section 1 under "Scope";
- Universal Customer Agreement to be found under: <https://www.siemens.com/universalcustomeragreement-tc>

5. Validity

This Quotation is valid only through the expiration date on the cover letter, or, if not specified, for thirty (30) days from the last date of Siemens signature below. Any extension to this validity period must be confirmed in writing and signed by Siemens. By returning this signed Quotation ("Order Form"), you place a binding order based on our terms and conditions for the Offerings set out above.

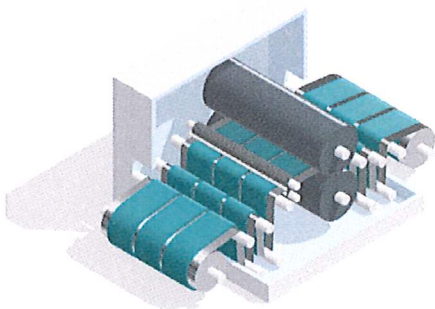
Please kindly return a duly signed copy of this document as a binding order to us.

6. Appendix A Services specification

6.7. Scope of Services

The Services consist of the creation and delivery of virtual training content for the following tasks:

6.7.1. Calendaring machine:



Technical requirements

- Constant web tension and speed during rolling as well as unwinding and winding
- Low torque ripple of motors
- Temperature control of rollers up to 150°C

Process parameters and requirements

- Constant line pressure up to 2,500 N/mm
- Web speed: 60–100 m/min
- Roll gap precision μm over full width
- Control final porosity of coating substrate

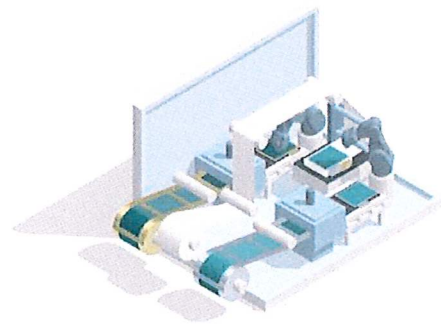
Quality characteristics

- Defined porosity
- Surface structure
- Adhesion between coating and substrate

Influences on quality

- Surface quality of input material
- Line pressure
- Concentricity of the roller pairs
- Roller temperature
- Roller speed

6.7.2. Stacking machine:



Technical requirements

- Constant web tension of the separator web
- High dynamics when handling of lightweight sheets

Process parameters and requirements

- Stacking accuracy:
 $\pm 200\text{--}300\ \mu\text{m}$
- Cycle times:
1 s per sheet

Quality characteristics

- Exact positioning of the individual anode and cathode sheets
- Damage-free electrode surfaces and edges
- Avoidance of electrostatic charging

Influences on quality

- Position detection and alignment of the differently sized sheets with a vacuum gripper
- Mechanical pre-tensioning of the separator

The Services includes:

- Training scenarios, limited to maximum of 40 hours.
- Assistance during the start-up phase of the training, limited to maximum 10 hours.

The training scenarios will be prepared according to the above scope description. Training scenarios will be prepared and provided by Siemens including the following steps:

- Data Conversion
- Data Optimization
- Material Appliance
- Operation Definition
- Sequence Definition

The content will be prepared for Siemens Virtual Training Solutions Trainer Web (Win/IOS), Trainer VR

The scope and the details for the offered Services are described exclusively in this quotation ("Services").

6.7.3. Time Plan

The Services will be proceeded according to the following time plan. Non-binding start-date and milestones will be defined at the start together with the Customer. The indicated dates of deliverables below are depending on the provision that all required data is received and are estimated dates.

Data from Customer – Date 0 (latest 2024-10-10)

- 3DCAD and Process data from Customer delivered to Siemens.

Note: GTC to verify and provide feedback to finalise the virtual training scenario(s) latest 2 weeks after receipt of training created by Siemens VTS team (first draft / further revisions).

Final delivery – Date 0 + 30 calendar days

- Final delivery of the training scenario(s) adjusted based on aggregated feedback received from Customer.
- Advanced animations.
- Assistance with installation and setup

Changes after the Final delivery is not included in this quotation and will be quoted separately.

6.8. Obligations of Battery training center, Gothenburg for Siemens sponsorship

- Provide 3D CAD data (in JT or STEP format) & operator instructions to create virtual training for
 - Calendaring machine
 - Stacking machine
- Verify and provide feedback to finalise the virtual training scenario(s) latest 2 weeks after receipt of training created by Siemens VTS team (first draft / further revisions).

- Ensure healthy usage of the above Virtual training for roughly 7000 trainees getting trained between 2024 and 2029. Gather and provide critical feedback of the trainees and visitors to refine and expand our Virtual Training Solutions further.
- Siemens is allowed and authorised to use the above virtual training project publicly for customer demos and in webpages, VTS FREE demo portal, references, presentations, webinars, fairs / events, articles, social media posts, images, videos, other publications etc with Battery training center name, logo and related details.

6.8.1. Customer Staffing

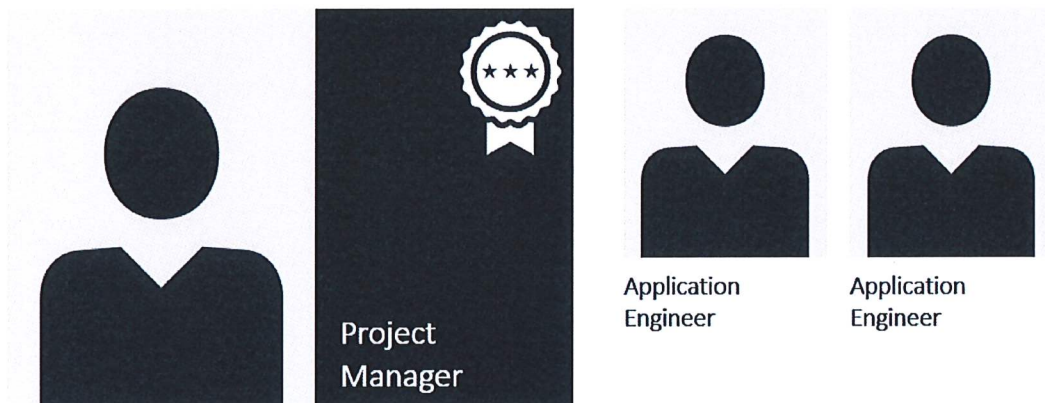
- Project Manager
- Data export, CAD and Process data
- Product specialist / Quality assurance

6.8.2. Provision of Customer data provided to Siemens by 2024-10-31

- Product information, Geometry/CAD (.JT if possible), product structure and instructions for the scenarios described in section 3.
- Digital photos (or CAD) of all hand tools (if not existing in Siemens tools-library)
- Geometry of all fixtures important for training.
- Additional information important for the maintenance training: images, tool information
- List of trainees for statistics generation – may be updated continuously.

6.8.3. Project Management

Siemens will have experts assigned for the following roles towards the Customer offering:



- Project Manager
 - Data import / Data Conversion
 - Preparation and Execution
 - Quality assurance

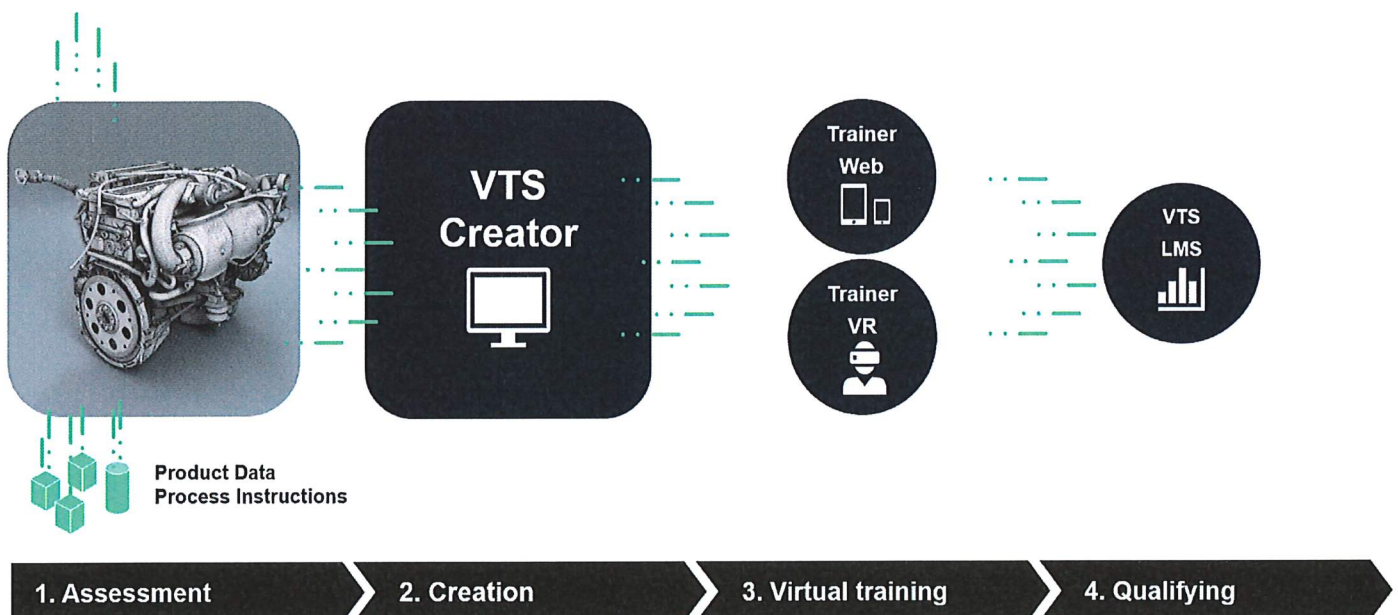
- Application Engineer
 - Training content creation

6.8.4. Business Case Development

If requested, Siemens will to a reasonably extent assist Customer in creating a business case to measure the impact. The business case may serve as a basis to bring it forward to a larger scale implementation and/or standardisation.

7. Appendix B: The Virtual Training Solutions Suite Product Data Sheet

The VTS suite from Siemens consists of several software applications that are tightly integrated enabling an efficient update and reuse of content. Once created, you can display the content through the Trainer in any of the supported output formats. Virtual Training Solutions Trainer is the virtual training application that is used for training, and it has adaptations for different devices and formats.



7.7. Benefits

Several benefits and impacts can be seen depending on which use case and in which industry the training is applied in.

- Increased quality by introducing a standard workflow. Tasks and procedures must be followed, gain better control and receive immediate feedback when mistakes are made.
- Significant reduction of training time for recruits, experienced operators and trainers/experts.
- Training travel time costs reduction through digital content being available anywhere and anytime.
- Reduced need of hardware/prototypes for training due to a digital alternative that are easy to use and always available.

- Increase employee safety and motivation using innovative learning methods.
- Better analytics. Minimize the costs from reduced risk of mistakes and broken parts while increasing the awareness of typical problems. Get predictive while tracking trends and identifying sensitive or high-risk areas.
- Reduction of down time costs and higher availability.

7.8. VTS Creator

Virtual Training Solutions Creator is a powerful easy-to-use authoring tool that transforms PLM data to training material in multiple output formats.

Key features:

- Effective training scenario generation – predefined operations
- Ability to handle large data sets for example complete car models
- Variant management – handles unlimited number of variants
- Update support – easy-to-update training scenarios
- Intuitive Windows application with a what-you-see-is-what-you-get approach – enables the scenario developer to perform at optimum level
- Easy to integrate into existing PDM solutions

7.8.1. VTS Creator Light

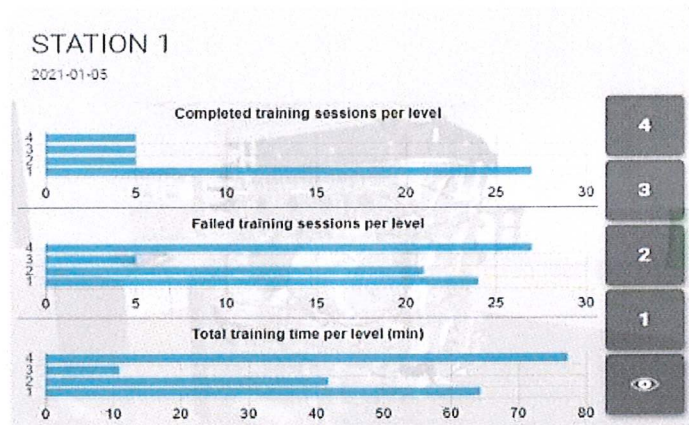
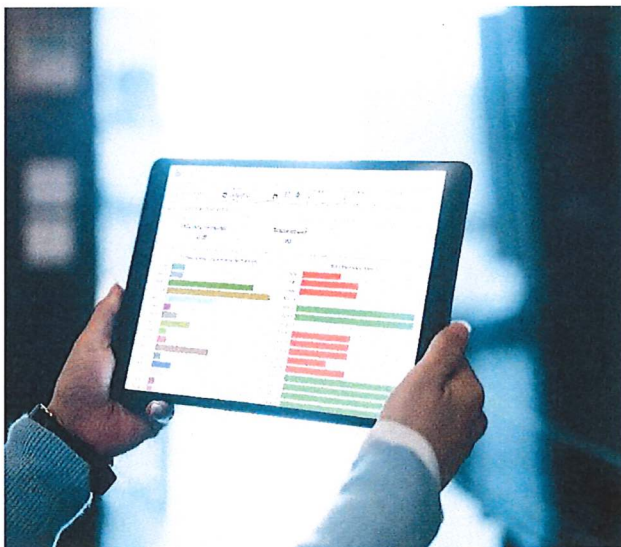
Light version of the Creator software which allows simpler operations like updating training sequence and adjusting animations.

7.8.2. VTS Platform

The Platform application is where the data is stored. The Platform can be hosted by the Customer on premise or by Siemens on cloud through a web server. The application and database are hosted on a web server connected to a file server. Additionally, the training progress can be monitored and used as a basis for qualification through the Learning Management System (LMS). The LMS is a part of the VTS Platform and can only be inquired together with the VTS Platform

7.8.3. VTS Trainer Web

The Virtual Training Solutions Trainer Web is the mobile version of the Trainer software that runs on HTML5 browser. The application and the data are stored centrally on the Virtual Training Solution (VTS) Platform. This makes the training more accessible and enables training on device without a powerful graphics card e.g., tablets and laptops.



7.8.4. VTS Trainer VR

The Trainer VR utilizes a VR-headset to give the trainee an immersive training experience. In addition to teaching a sequence the Trainer VR offer a better sense of localization of the different part.

7.8.5. Cloud server

Public cloud hosting of VTS Platform application and training data.

Artikel 1 - Appendix C – Hardware and Software Recommendations

For Virtual training solution (VTS) software suite

7.9. VTS Platform (Web and File Server)

7.9.1. Hardware recommendations

It is possible to host the application and database on the same server. In high volume situations it's recommended to have separate servers. For the distribution of licenses as well as content the following hardware (HW) configurations are recommended

Application Server

- CPU with Intel E5 1630 v4 or equivalent
- Memory of 8 GB Ram
- Hard drive 60 GB for OS and Software

File Server storage

- Hard drive 250 GB for VTS module specific data
Database Server HW

- See application Server

7.9.2. Software recommendations

For the web based offering the following configurations are recommended:

TLS/SSL certificate requirement

To use the VTS Platform it is required to obtain and install a TLS/SSL certificate for the domains used for the VTS Platform to best encrypt and secure communication between the clients and webserver.

The required configurations are the following:

All VTS nodes

- NET Framework with .NET 4.8

Database Webserver

- Windows Server 2012 with the latest Windows update or later
- Web Server (IIS)
 - Common HTTP Features
 - Default Documents, Directory Browsing, HTTP Errors, Static Content
 - Health & Diagnostics
 - HTTP Logging
 - Performance
 - Static Content Compression
 - Security
 - Request Filtering
 - Application Development
(NET Extensibility 4.8, / ASP.NET 4.8 / ISAPI Extensions & Filters)
 - Management Tools
 - IIS Management Console
 - IIS6 Management Compatibility (IIS 6 Metabase Compatibility)

Database Server (SQL)

- Database Engine
 - SQL Server 2012 EXPRESS/ENTERPRISE or later

7.9.3. Software recommendations

The following software and configuration are required to install the VTM. It is possible to host both the application and the database on the same server. In high volume situations it's recommended to have separate hardware for the application and the database

7.10. Trainer Web/Instructor clients

The client is the device that is used to run the training in Trainer Web or instructions in Instructor.

7.10.1. Hardware recommendations

- Tablet Minimum 10" screen
- Standard Workstations

7.10.2. Software recommendations

- HTML5 compliant browser (Chrome, Firefox, Microsoft Edge, Safari)
- Connection to the Webserver (Same network)

7.11. LMS integration

It is possible to integrate VTS Trainer Web to SCORM-compliant Learning Management Systems (LMS). The requirements to enable integration of VTS Trainer Web content in an LMS are:

- VTS Platform installed and licensed that can be launched from the same clients as the LMS

That the LMS supports either:

- SCORM 1.2
- SCORM 2004

7.12. Trainer Desktop/ Creator

For desktop training and authoring at the customer side the following HW configurations are recommended

7.12.1. Hardware recommendations

- NVidia GeForce GTX-1080 (or better, 8GB of graphics memory or more)
- 120 GB storage space (SSD recommended)
- 16 GB of RAM

For Desktop Training each trainee needs

- 21-inch monitor (resolution 1920x1080) or better

For all Creator (Light & Full) content creation/updates

- 2 x 21-inch monitor (resolution 1920x1080) or better

7.12.2. Software recommendations

Windows 10 64-bit

7.13. CadConverter

7.13.1. Software recommendations

- Python version 3.8 or later

7.13.2. **Supported formats**

- JT (.JT)
- 3D XML (.3DXML)
- CATIA V5 Parts and Assemblies (.CATPart, .CATProduct)
- CATIA V5 Graphical Representation File (.CGR)
- CATIA V6 Parts and Assemblies (.CATPart, .CATProduct)
- STEP (.STP)

If you have other formats, notify us and we can investigate if we can use it.

7.14. **Trainer VR**

7.14.1. **Limitations**

VR cannot handle the same size of geometry as other products since it needs higher performance for training to be pleasant. Recommended is to have no more than 500MB of part files in the project.

7.14.2. **Hardware recommendations**

Supported headsets

- HTC VIVE Pro
- HTC VIVE Cosmos
- HTC VIVE Focus 3
- HTC VIVE XR Elite
- OCULUS QUEST 2
- OCULUS QUEST 3
- Headsets that support SteamVR

Desktop computer

GPU

- Nvidia 1080 or greater

CPU

- Intel i5-4590 or greater.

Memory

- 16 GB RAM

Storage

- 5 GB of free space

7.14.3. **Software requirement**

- SteamVR
- Windows 10
- Software for the used steam VR compatible headset

Annex 8 Licenses specification



Johan Bengtsson

Göteborgs Tekniska College AB
Personalvägen 17, 405 31 Göteborg

Name	Tobias Grahn
Department	DI CS FA DIL VTS
Telephone	
Mobile	+46 768300161
E-Mail	Tobias.grahn@siemens.com
Your letter of	Meeting between Siemens and GTC on 23Aug2024
Our reference	TSS/TG/Quote1of1-Rev1
Date	2024.09.09

Subject: Quotation

Thank you for your request for a quotation.

We are pleased to present our quotation or sponsorship offer based on the attached terms and conditions ("Quotation").

This Quotation is binding until:2024,11,27. Thereafter, the Quotation is non-binding and subject to our approval.

If you require any further clarification regarding our Quotation, please feel free to contact me.

Sincerely yours,

Siemens AB

Sincerely yours,

Siemens AB

Quotation/Offering

for Customer: [Göteborgs Tekniska College AB], reg. no. [556570-6768], a company registered in [Sweden] and having its registered office at [Person-alvägen 17, 405 31 Göteborg] (the "Customer")

8. Scope

This Quotation includes the following Offerings:

Cloud Services

Name/Description	Product Number	License and User type	Subscription Term	Commence-ment Date	Auto-re-natural	Qty	Customer price total per year (SEK NET, ex VAT)
VTs Platform	9LF1110-7VT10-0BB0	Server License Regional	1 year	2024-11-01	No	1	63000 SEK
Cloud Server-fee	9LF1110-7VT10-0EA0	Server License		2024-11-01		1	
VTs Trainer Web	9LF1110-7VT10-0DA0	Concurrent User license		2024-11-01		5	
Discount offered = 100% on account of sponsorship							-63000 SEK
Total							0 SEK

Specific Supplemental Terms:

- Virtual Training Solutions Cloud Terms - Supplemental Terms for UCA.

General information:

- If the parties have not agreed on a start date for the Subscription Term, the start date will be three days after the Order is finally processed.
- For more detailed information regarding the contents of the Cloud Services, please refer to [Appendix A](#).
- Support is available through email, vts.support.industry@siemens.com and phone, during normal working hours (CET), Mondays to Fridays @ 08.00-17.00.

For hardware recommendations please see [Appendix B](#).

Subscription Licenses

Name/ Description	Product Number	License and User type	License pe- riod	Subscrip- tion Term	Auto-re- newal	Qty	Customer price total per year (SEK NET, ex VAT)
VTs Trainer VR	9LF1110- 7VT10-0DA0	Node locked User Li- cense	2024-11-01 to 2025-11- 01	1 year	No	2	26000SEK
Discount offered = 100% on account of sponsorship							- 26000 SEK
Total							0 SEK

Specific Supplemental Terms:

- Virtual Training Solutions Software Supplemental Terms for UCA.

General information:

- If the parties have not agreed on a start date for the Subscription Term, the start date will be three days after the Order is finally processed.
- For more detailed information regarding the contents of the Software licenses, please refer to Appendix A.
- The subscription fee includes Maintenance Services during the Subscription Term. Support is available through email, vts.support.industry@siemens.com and phone, during normal working hours (CET), Mondays to Fridays @ 08.00-17.00. For more detailed information regarding the Maintenance Services Terms, please refer to Virtual Training Solutions Software Supplemental Terms for UCA.
- For hardware recommendations, please see Appendix B.

9. Contact Persons and Notices

Any notices and communications shall be sent exclusively to the following contact persons:

For Siemens

Name	Tobias Grahn
-------------	--------------

For Customer

Name	Johan Bengtsson
-------------	-----------------

Address	Stora Badhusgatan 18 411 21 Gothenburg Sweden
Email	tobias.grahn@siemens.com

Address	Personalvägen 17 405 31 Gothenburg Sweden
Email	johan.bengtsson@gtc.com

Notwithstanding the foregoing, notices of claims or notices regarding disputes shall always be sent by postal mail to the company addresses of the Parties above.

10. Applicable Terms and Conditions, Order of Precedence

The Terms and Conditions listed hereinafter form an integral part of this Quotation and apply to the provision of the Offerings according to the below order of precedence.

- The body of this Quotation;
- Specific Supplemental Terms as listed in Section 1 under "Scope";
- Universal Customer Agreement to be found under: <https://www.siemens.com/universalcustomeragreement-tc>

11. Validity

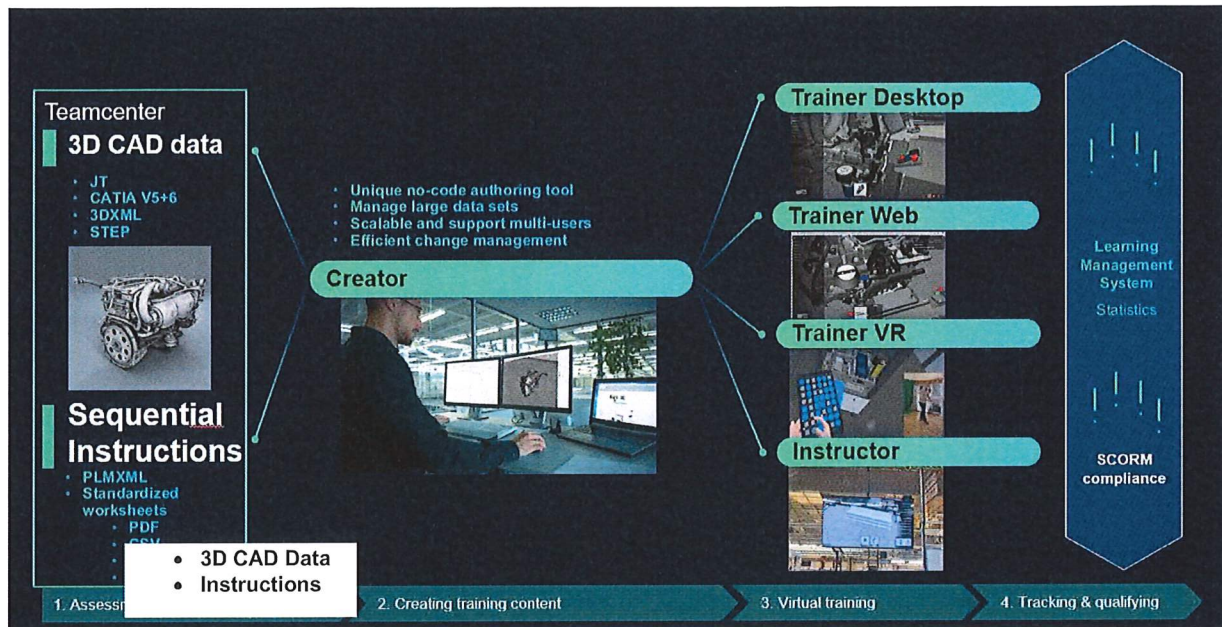
This Quotation is valid only through the expiration date on the cover letter, or, if not specified, for thirty (30) days from date of this Quotation. Any extension to this validity period must be confirmed in writing and signed by Siemens.

By returning this signed Quotation ("Order Form"), you place a binding order based on our terms and conditions for the Offerings set out above.

Please kindly return a duly signed copy of this document as a binding order to us.

12. Appendix A: The Virtual Training Solutions Suite Product Data Sheet

The VTS suite from Siemens consists of several software applications that are tightly integrated enabling an efficient update and reuse of content. Once created, you can display the content through the Trainer in any of the supported output formats. Virtual Training Solutions Trainer is the virtual training application that is used for training, and it has adaptations for different devices and formats.



Benefits

Several benefits and impacts can be seen depending on which use case and in which industry the training is applied in.

- Increased quality by introducing a standard workflow. Tasks and procedures must be followed, gain better control and receive immediate feedback when mistakes are made.
- Significant reduction of training time for recruits, experienced operators and trainers/experts.
- Training travel time costs reduction through digital content being available anywhere and any-time.
- Reduced need of hardware/prototypes for training due to a digital alternative that are easy to use and always available.
- Increase employee safety and motivation using innovative learning methods.
- Better analytics. Minimize the costs from reduced risk of mistakes and broken parts while increasing the awareness of typical problems. Get predictive while tracking trends and identifying sensitive or high-risk areas.
- Reduction of down time costs and higher availability.

VTS Creator

Virtual Training Solutions Creator is a powerful easy-to-use authoring tool that transforms PLM data to training material in multiple output formats.

Key features:

- Effective training scenario generation – predefined operations
- Ability to handle large data sets for example complete car models
- Variant management – handles unlimited number of variants
- Update support – easy-to-update training scenarios
- Intuitive Windows application with a what-you-see-is-what-you-get approach – enables the scenario developer to perform at optimum level
- Easy to integrate into existing PDM solutions

VTN Creator Full

Creator Full is the complete version of our authoring tool which allows the user to create complete training scenarios from scratch.

VTN Creator Light

Light version of the Creator software which allows simpler operations like updating training sequence and adjusting animations.

CAD Converter

Software that translates CAD data to Virtual Training Solutions proprietary format. The Creator only supports CAD data in its proprietary format. This means the converter is needed to be able to import new CAD data.

VTN Platform

The Platform application is where the data is stored. The Platform can be hosted by the End-Customer on premise or by Siemens on cloud through a web server. The application and database are hosted on a web server connected to a file server. Additionally, the training progress can be monitored and used as a basis for qualification through the Learning Management System (LMS). The LMS is a part of the VTN Platform and can only be inquired together with the VTN Platform

VTN Trainers

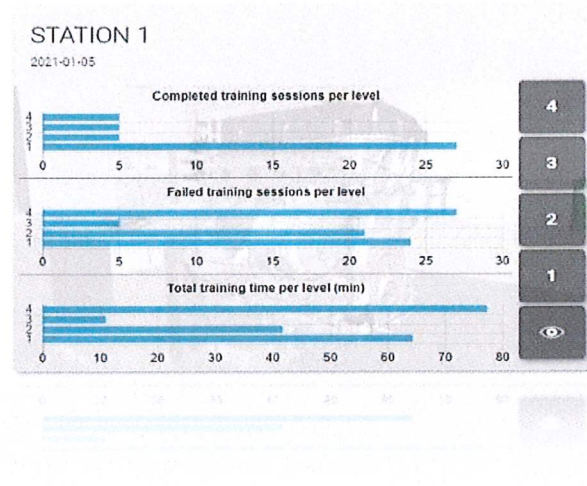
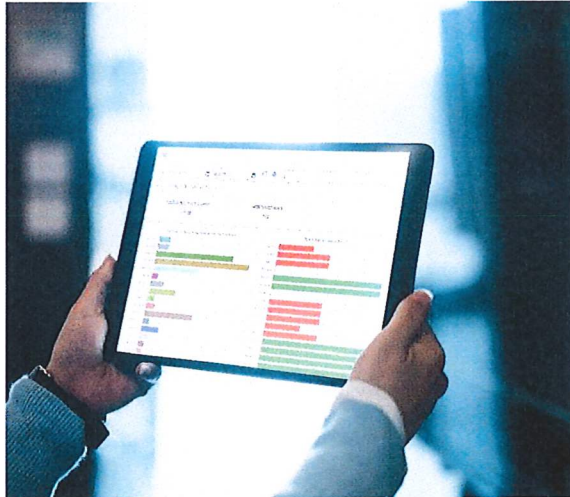
The different Trainers are training applications for use by the trainee to virtually learn the procedure of a task.

Key features

- Easy-to-use – Requires no computer skills
- Intuitive interface
- Multiple difficulty levels
- Statistics – Track the status of training for each operator
- Customer-server (web) based training solution
- Multiple platforms (PC, Mobile and VR devices)

VTS Trainer Web

The Virtual Training Solutions Trainer Web is the mobile version of the Trainer software that runs on HTML5 browser. The application and the data is stored centrally on the Virtual Training Solution (VTS) Platform. This makes the training more accessible and enables training on device without a powerful graphics card e.g., tablets and laptops.



VTS Trainer Desktop

The Virtual Training Solutions Trainer Desktop is the windows application version of the Trainer software. It gives the user full 3D capabilities to navigate freely in the training scene e.g. zoom, pan, rotate. In addition, this results in higher demand on the graphic performance of the computer, see requirements/recommendations in [Appendix B](#).

VTS Trainer VR

The Trainer VR utilizes a VR-headset to give the trainee an immersive training experience. In addition to teaching a sequence the Trainer VR offer a better sense of localization of the different part.

VTS Instructor Web

Tool for showing a running instruction sequence, useful in production where we also offer the possibility to connect specific instructions to the specific variant that is currently on the production line.

Cloud server

Public cloud hosting of VTS Platform application and training data.

13. Appendix B – Hardware and Software Recommendations

For Virtual training solution (VTS) software suite

VTS Platform (Web and File Server)

13.7. Hardware recommendations

It is possible to host the application and database on the same server. In high volume situations it's recommended to have separate servers. For the distribution of licenses as well as content the following hardware (HW) configurations are recommended.

13.7.1. Application Server

- CPU with Intel E5 1630 v4 or equivalent
- Memory of 8 GB Ram
- Hard drive 60 GB for OS and Software

13.7.2. File Server storage

- Hard drive 250 GB for VTS module specific data
- Database Server HW
- See application Server

13.8. Software recommendations

For the web based offering the following pre-requisites are :

13.8.1. TLS/SSL certificate requirement

To use the VTS Platform it is required to obtain and install a TLS/SSL certificate for the domains used for the VTS Platform to best encrypt and secure communication between the clients and webserver.

The required configurations are the following:

All VTS nodes

- NET Framework with .NET 4.8
- Database Webserver

- Windows Server 2019 with the latest Windows update or later
- Web Server (IIS)
 - Common HTTP Features
 - Default Documents, Directory Browsing, HTTP Errors, Static Content
 - Health & Diagnostics
 - HTTP Logging
 - Performance
 - Static Content Compression
 - Security
 - Request Filtering
 - Application Development
(NET Extensibility 4.8, / ASP.NET 4.8 / ISAPI Extensions & Filters)
 - Management Tools
 - IIS Management Console

- IIS6 Management Compatibility (IIS 6 Metabase Compatibility)

Database Server (SQL)

- Database Engine
 - SQL Server 2019 EXPRESS/ENTERPRISE or later

Trainer Web/Instructor clients

The client is the device that is used to run the training in Trainer Web or instructions in Instructor.

13.9. Hardware recommendations

- Tablet Minimum 10" screen
- Standard Workstations

13.10. Software recommendations

- HTML5 compliant browser (Chrome, Firefox, Microsoft Edge, Safari)
- Connection to the Webserver (Same network)

13.11. LMS integration

It is possible to integrate VTS Trainer Web to SCORM-compliant Learning Management Systems (LMS). The requirements to enable integration of VTS Trainer Web content in an LMS are:

- VTS Platform installed and licensed that can be launched from the same clients as the LMS

That the LMS supports either:

- SCORM 1.2
- SCORM 2004

Trainer Desktop/ Creator

For desktop training and authoring at the customer side the following HW configurations are recommended

13.12. Hardware recommendations

- NVidia GeForce GTX-1080 (or better, 8GB of graphics memory or more)
- 120 GB storage space (SSD recommended)
- 16 GB of RAM

For Desktop Training each trainee needs

- 21-inch monitor (resolution 1920x1080) or better

For all Creator (Light & Full) content creation/updates

- 2 x 21-inch monitor (resolution 1920x1080) or better

13.13. Software recommendations

Windows 10 64-bit

CadConverter

13.14. Software recommendations

- Python version 3.8 or later

13.15. Supported formats

- JT (.JT)
- 3D XML (.3DXML)
- CATIA V5 Parts and Assemblies (.CATPart, .CATProduct)
- CATIA V5 Graphical Representation File (.CGR)
- CATIA V6 Parts and Assemblies (.CATPart, .CATProduct)
- STEP (.STP)

If you have other formats, notify us and we can investigate if we can use it.

Trainer VR

13.16. Limitations

VR cannot handle the same size of geometry as other products since it needs higher performance for training to be pleasant. Recommended is to have no more than 500MB of part files in the project.

13.17. Hardware recommendations

Supported headsets

- HTC VIVE Pro
- HTC VIVE Cosmos
- HTC VIVE Focus 3
- HTC VIVE XR Elite
- OCULUS QUEST 2
- OCULUS QUEST 3
- Headsets that support SteamVR

Desktop computer

GPU Nvidia1080 or greater

CPU Intel i5-4590 or greater.

Memory 16 GB RAM

Storage 5 GB of free space

13.18. Software requirement

- SteamVR
- Windows 10
- Software for the used steam VR compatible headset

14. Virtual Training Solutions Academic Offerings



Virtual Training Solutions Academic Offerings

Supplemental Terms for UCA

Date: June 2024

These Virtual Training Solutions Academic Supplemental Terms ("**VTS Academic Terms**") amend the Universal Customer Agreement ("**UCA**") between Customer and Siemens solely with regard to this Offerings ("**Academic Offerings**"). These Academic Terms, together with the UCA, and other applicable Supplemental Terms form the agreement between the parties ("**Agreement**"). In the event of a conflict, these VTS Academic Terms supersede any other Supplemental Terms, which supersede the UCA.

1. **DEFINITIONS.** Capitalized terms used herein have the meaning as defined elsewhere in the Agreement. The following additional definitions apply to these VTS Academic Terms.
"**Academic Institution**" means a Customer that is an academic institution or other qualifying non-profit organization.
"**Student**" means a Customer who is an individual student who has purchased a valid Academic Offering for purposes of studies directly related to a diploma-seeking program.
2. **USE TERMS.** Academic Offerings also remain subject to all other applicable Supplemental Terms referenced in an Order, which are incorporated herein by reference. For Academic Institutions, Authorized Users will also include students enrolled into a diploma-seeking program at the Customer. Additional license and use types may be specified with respect to certain Academic Offerings as set forth in an Order.
- 2.1 **Limitations of Academic Offerings.**
 - (a) Customer will use the Academic Offerings solely for purposes directly related to:
 - (i) teaching, training, or instructing degree-granting programs;
 - (ii) studies and coursework as part of degree-granting programs;
 - (iii) research and development activities whereby all end results and research will be made available to the public or published in the public domain; or
 - (iv) performance of non-profit activities by Authorized Users, such as participation in student competitions, student projects or student demonstrations.
 - (b) Customer may not use Academic Offerings for (i) any training, or instructional endeavors for non-degree seeking students; (ii) any training or instructional endeavors for any third party that may be a licensee of the applicable Academic Offering under separate agreement with Siemens; (iii) production or any commercial purpose, including but not limited to, commercial processing, paid-for consulting, or processing the work of any affiliates; (iv) developing software for license or sale; and (v) any benchmarking or competitive analysis against software developed by Siemens' competitors.

(c) Academic Offerings are only made available to Academic Institutions and Students. Any Customer which is not an Academic Institution but offers apprenticeships to students for the purpose of a diploma-seeking program may submit a request to purchase Academic Offerings from Siemens for use by any such students. Siemens will at its sole discretion evaluate the request and, if approved, will deem such Customer an Academic Institution solely for the purpose of granting an Academic Offering for use by such students for the duration of their apprenticeship at that Customer. All other terms and conditions contained in these Academic Terms remain applicable.

- 2.2 **Conditions of Academic Offering.** Customer agrees that (i) Customer will obtain advance written approval from Siemens for all documents intended for publication by Customer which concern the capability, functionality and/or methodology of the Academic Offering; and (ii) all software programs and associated documentation developed by Customer which interact and/or interface with the Academic Offering will be disclosed to Siemens. Such programs and documentation will be made available to Siemens in source code form upon request. Customer grants to Siemens a nonexclusive, transferable, paid-up, royalty free license to use and/or market, distribute and modify any such software program, to the extent that this provision does not conflict with any pre-existing processing grant or contract applicable to such software and documentation. Where such pre-existing Customer grant or contract conflicts with this provision, the pre-existing grant or contract provision will take precedence over this provision, provided that Siemens is notified in advance of such grant or contract restriction.

3. **SUPPORT AND MAINTENANCE SERVICES.** Cloud Services support and Software Maintenance Services for Academic Offerings are provided in accordance with the relevant terms specified in the other applicable Supplemental Terms , with the following deviations:

3.1 **Academic Institutions.**

(a) Software Maintenance Services and Cloud Services support included in an Offering or purchased separately by Customer, as applicable, are only provided to Academic Institutions, but not individual Authorized Users, between the hours of 8:00 a.m. and 5:00 p.m. in local time zone of Sweden, Monday through Friday, excluding observed holidays. Academic Institutions will designate a trained technical contact who will serve as a focal point for administering and resolving all Academic Institution requests for support. The technical contact will use commercially reasonable efforts to solve Academic Institution problems or issues related to the Academic Offering prior to contacting Siemens for assistance. The technical contact will forward all service requests to Siemens and will also serve as the recipient of all on-site Maintenance Services and Cloud Services support.

(b) Software Maintenance Services and Cloud Services support are provided only for the most current release of the Academic Offerings and consist of the following: (i) telephone support; and (ii) updates and upgrades to the Software Academic Offerings, if and when made available by Siemens. Upgrades will not include separate software modules or Cloud Services that are available at additional charge. Academic Institution will install all software updates within 30 days after receipt thereof, or at the end of Academic Institution current semester, whichever is later.

- 3.2 **Students.** An Academic Offering is granted to a Student without Maintenance Services or support of any kind.

4. **WORK PRODUCT AND DATA.** Work product and other data created with Academic Offerings contain certain limitations that make the data unusable outside the educational use or public research area. If Customer combines or links data created with an Academic Offering with other data, then such other data may also be affected by these limitations. Siemens has no responsibility or liability whatsoever resulting from Customer's combination of data or linking data created with Academic Offerings with data otherwise created.

5. **PUBLIC INSTITUTIONS.** If Customer is an Academic Institution that is a public institution unable to agree to the Governing Law and Jurisdiction provision in the UCA, due to mandatory law, the following will apply:

- 5.1 **Governing Law and Jurisdiction.** This Agreement will be governed by the laws of the state or province where the Academic Institution is located. All disputes arising out of or in connection with this Agreement will be subject to the exclusive jurisdiction and venue of the courts of the state or province where Academic Institution is located. The United Nations Convention on Contracts for the International Sale of Goods does not apply to this Agreement.

- 5.2 **Indemnification.** Any terms and conditions of the Agreement relating to the Customer's indemnification of other parties will only be binding on the Customer to the extent permitted by the governing law.