

## Customer Requirements Specification

### **ENQA™ ELECTRIC Wireline 6X6 Unit - Open/Cased Hole Operations**

Sabtex prices and rates in this Agreement exclude VAT, turnover tax, and any related indirect taxes. If applicable, these taxes will be added as separate line items at the Customer's expense. Customers claiming exemption must provide a valid exemption certificate.

# **ENQA™**

**Electrified Wireline Unit ⚡**



Customer Requirements Specification

**E N A Q A™** ELECTRIC Wireline 6X6 Unit - Open/Cased Hole Operations

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## 1 SPECIFICATIONS

The **ENAQA™** wireline unit features a direct electric drive system, incorporating a fully enclosed operator cabin and a dedicated winch compartment. It is powered by an integrated electric powerpack housed at the rear of the cabin, serving as the primary power source for the entire unit. To ensure continuous operation at the wellsite, redundant power options such as an independent diesel generator provide users with complete backup capabilities.

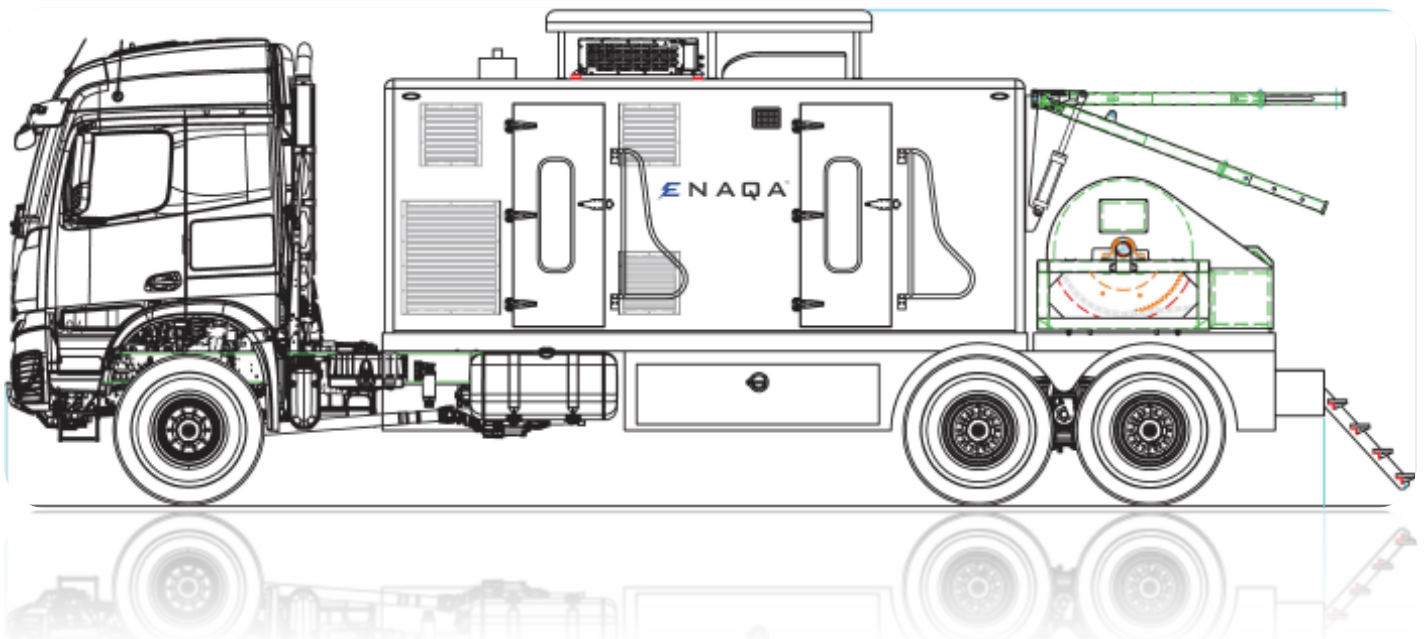
Designed for flexibility and robust performance, the **ENAQA™** wireline unit is a field-proven, all-electric pump-down solution that can be mounted on a truck chassis or trailer for operation in virtually any location. The system delivers the required power and reliability for safe, emission-free, and highly efficient wireline interventions.

Utilizing the self-contained electric powerpack to drive the unit, the **ENAQA™** wireline truck not only meets demanding operational standards but also enhances cost-effectiveness and supports ESG initiatives by minimizing direct emissions during wireline operations.

For the truck chassis option, the unit is built upon a Mercedes-Benz Arocs 5 2742 A 6x6 (or) 6x4 drivetrain.

Operating environment:

- Suitable for onshore oil and gas operations
- Temperature range: -20°C to +70°C
- For use in non-zoned, safe areas outside of hazardous atmospheres



## 1.1 OPERATING ENVIRONMENT

For use in an onshore oil and gas environment.

- -20°C to +70°C
- Non zoned – safe area outside of hazardous atmospheres

## 1.2 BASIC DIMENSIONS - BODY W/ ELECTRIC MOTOR ENCLOSURE

- 30,000kg Maximum Gross Weight- TBC
- Approx 4,182mm High
- Approx 2,524mm Wide
- Approx 11,126mm Long
- <80dBA Sound pressure level outside unit

## 1.3 UNIT BODY & CABIN - ALUMINUM RIVETED BODY

- FULL aluminum riveted body with 6" channel base mounted on Perma-Slat base, rubber safety floor inside, (2) locking RS entry door with window, drum access doors and exterior storage boxes (all locking)
- Aluminum powder coated (color TBD) interior skin, spray foam insulated walls, floor and ceiling, sound suppression foam padding placed in roof and back wall, 1 lower storage cabinets (color TBD), (2) upper storage cabinets (color TBD), large solid surface countertop (color TBD), isolation mounted system rack, dual sliding safety glass window with AVERY safety film application and an operators chair
- Operator's long console with HV Electric Panel with a 15" HMI Touch Screen and sun shield
- Bosch **ctrlX** CORE System with FULL remote monitoring capability with read and write PLC programming. Maintenance scheduling, data collection (*power usage*), satellite connectivity and automation modules embedded.
- Fold out grab handle at cabin entry & (2) straight grab handles at rear entry (qty 3)
- Slide out entry step
- Safety placards
- Roof mounted AC's with heat kits and interior controls (qty 4)
  - 3.95 kW cooling capacity each (13,500 BTU/h)
- Underbody tool rack with air (qty 1)
- Benchmark AM5K Measuring System with OH Arm assembly
- Single color paint (WHITE) and logo installation. Customers must provide all paint codes and logo files. Multiple colors and/or metallics will incur additional charges



## **1.4 HYDRAULIC SYSTEM**

- Electrically driven auxiliary pump

## **1.5 LIGHTS AND ELECTRICAL SYSTEM**

- 380VAC – 500VAC with 50Hz / 60Hz
- External supply sockets 220v/120v
- Onboard 700VDC Thermal Management Offers Superior Heat Rejection from Drum Motor and Drives
- 100kw Caterpillar Diesel Generator Model #D100-8, Webasto cooling systems, electric drive panel
- Complete LED Light Package - Drum lights, remote control rear/rig lights, storage compartment lights, step light, taillights, side area lights and clearance lights, 12V recessed cabin lights and work lights
- Accessible via RS locking door, CS & front locking access panels



## **1.6 SAFETY SHUTDOWN SYSTEM**

- Pushing one of the ESD buttons
- Safety transfer switch included

## **1.7 DRUM CONFIGURATION**

- Single (D09511Q) 950 wide offset split drum (has non-magnetic core) assembly with air disc brake, dual calipers, inverted chain and air shifter
- 3-Speed Funk transmission w/planetary drive with electric motor
- Pressurized line oiler tank with spray bar

## **1.8 ACCESSORIES**

- First Aid kit
- #5 Fire Extinguisher
- Monitor with heavy duty mounting bracket
- Ground Reel Assy & Bracket
- Alcohol Drip Kit Assembly
- Red/Green Safety Light
- Standard Horizon Intercom System with Reel
- Electric Toespace Heater

## **1.9 CHASSIS**

- 2025 Model: Mercedes-Benz Arocs 5 2742
- Drivetrain: 6x6 All-wheel drive
- Engine power: 310 kW (421 PS)
- Tires: 402KVA 80 2x 14.00 R 20 Cross-country all pos. Michelin X FORCE ZL

## **2 OPTIONAL ITEMS**

- Mercedes OEM on-board tire inflator / deflator

## **3 DELIVERY**

- A complete factory acceptance test is conducted and documented before delivery, using a full-scale simulated wireline run against the test winch.
- One-day commissioning and on-site training are available upon request

## **4 DOCUMENTATION**

The following documents will be created as part of the design project. Please note a full list will form part of any quality plan

- General Assembly drawing
- Electrical Schematic
- Manual
- Documentation shall be provided in English. It will be provided in electronic format

## **5 ACCEPTANCE CRITERIA**

This document details all acceptance criteria for the specified product, as agreed by SABTEX and the customer, and takes precedence over previous specifications for this order. It includes all the requirements communicated between SABTEX and the customer, whether written or verbal. Any request not listed here or in the sales order acknowledgement (OA) is excluded from the acceptance criteria, so the customer may not reject the product based on unlisted issues.

# Terms and Conditions



## 1. ACCEPTANCE CRITERIA

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## 2. PRIVACY & CUSTOMER DATA

Customer acknowledges and agrees that the Products may contain certain data logging functionality, including as part of the Services, and consents to the collection and sending of such data generated by the data logging functionality to SABTEX Group. As between Customer and SABTEX, Customer owns all data and information generated by the data logging functionality provided by or on behalf of Customer Group or otherwise collected via the Services ("Customer Data"). Customer grants to SABTEX Group a non-exclusive, irrevocable, perpetual, transferable, world-wide, royalty-free, fully paid-up, and without the right of attribution, right and license for the SABTEX Group to use and create derivative works of and from the Customer Data for its business purposes, provided that SABTEX Group will not use or disclose Customer Data in a manner that would identify Customer or Customer Data provided, however, that SABTEX may disclose Customer Data if SABTEX determines that such disclosure is legally required or is necessary to protect SABTEX's rights or for the enforcement of these Terms. Customers acknowledge and agrees that any data or information generated by the SABTEX Group from their use of the Customer Data is owned by SABTEX.

## 3. INVOICE PAYMENT

The Buyer must submit any invoice disputes in writing within 10 days of receiving the invoice. Payment for all undisputed portions of invoices is required within 30 days from the invoice date. Any invoices not disputed within 10 days of receipt will be deemed accepted as accurate.

## 4. SPECIFICATION & AMENDMENTS

Seller's advertising materials—including but not limited to brochures, websites, specifications, and other informational documents—are provided "as is," for reference purposes only. The information contained therein shall not be interpreted as warranties or guarantees, whether express or implied, regarding accuracy, completeness, merchantability, or fitness for a particular purpose. The Seller reserves the right to revise and enhance any material at any time without prior notice to the Buyer. Amendments to specifications already approved by the Seller will be quoted upon request. The Seller is not bound by any information or implications found in advertising materials pertaining to equipment or services unless such materials are explicitly incorporated into and accepted by the Seller as part of the Purchase Order.

## 5. LIMITED WARRANTY

New Equipment. SABTEX warrants to Customer, and solely for the benefit of the original user, that for a period of eighteen (18) months from delivery or twelve (12) months from installation, whichever occurs first, new Equipment of its own manufacture will conform to the material and technical specifications outlined in the Proposal. If, during the warranty period, such Equipment fails to meet these specifications, SABTEX will, at its discretion, either repair or replace the defective Equipment with the type originally provided, available for pickup at SABTEX's location.

## 6. WARRANTY

Should a defect be identified, the Seller must be notified immediately, and in any case, within 14 days of discovery, via facsimile or e-mail, detailing the nature of the defect. Upon agreement that the defect falls within warranty coverage, the defective goods must be returned EXW (Ex Works) to the Seller's facility or another location designated by the Seller, at the Buyer's expense; repairs will be carried out free of charge. Expenses not directly related to repairing defects in design, materials, or manufacturing—including but not limited to travel expenses, airfare, and hotel accommodations—will be borne by the Buyer.

For hydraulic or control hoses and spare parts, the warranty period is three (3) months from the date the equipment is dispatched from the Seller's premises. For electronic control or display units, the warranty period is nine (9) months. At its discretion, the Seller will either repair or replace the hoses or their defective components. No warranty is provided for consumable parts.

## 7. INTELLECTUAL PROPERTY RIGHTS

The Products, including all applicable ideas, methods, algorithms, formulae and concepts used in developing and/or incorporated into the Products, and all derivative works (as such term is used in the U.S. copyright laws) based upon any of the foregoing and all copies of the foregoing are the proprietary and intellectual property rights and trade secrets of SABTEX, having significant commercial value to SABTEX. Except with respect to the sale of Equipment, title to all Products shall be and remain exclusively with SABTEX. SABTEX may freely use any suggestions or recommendations for improvements or modifications to the Products made by or on behalf of Customer without attribution except to the extent necessary to register SABTEX's intellectual property rights under US law or other applicable law, or the need for SABTEX or any third party to pay Customer or any third party any royalties or other fees of any kind. No intellectual property or other ownership rights to any Products are transferred to Customer by virtue of these Terms. Except with respect to the sale of Equipment, all Products in Customers' possession are licensed to Customer during the term of the applicable Order. All rights not expressly granted herein are reserved to SABTEX.

All Services provided to Customer are conditioned on Customer's continued compliance with the Agreement. Notwithstanding any other remedies available to SABTEX at law, in equity, or otherwise, the Services may immediately and automatically be suspended or terminated, at SABTEX's sole discretion, if Customer fails to comply with any terms of the Agreement.

In the event of termination of the Agreement or expiry of Services, all licenses granted therein shall also terminate and Customer shall cease all use of the Products, excluding any fully paid for Equipment, and Customer shall return or destroy, in SABTEX's sole discretion, any SABTEX Confidential Information (as defined below). Upon SABTEX's request, Customer shall provide an "affidavit of destruction" acceptable to SABTEX certifying compliance with the foregoing.

## 8. CONFIDENTIAL INFORMATION

Each party acknowledges and agrees to: (a) keep strictly confidential all data, information, disclosures, documents, drawings, specifications, patterns, calculations, software, applications, technical details, and other materials (collectively, "Confidential Information") received from the other party; (b) use the Confidential Information solely for purposes outlined in the Agreement; (c) share Confidential Information only with its officers, employees, subcontractors, and consultants who need it to perform their obligations and who have agreed to maintain confidentiality; (d) not disclose or allow any third party to access or copy Confidential Information without the disclosing party's prior written consent; and (e) promptly notify the disclosing party in writing of any unauthorized disclosure or use. The receiving party is responsible for any breach of this section by its employees, agents, or any individual who gains access to Confidential Information through them. Both parties agree these restrictions are reasonable and necessary to protect legitimate business interests. Any violation of

Articles 6 or 7 would cause irreparable harm to the non-breaching party, for which monetary damages would not be sufficient. In such a case, the non-breaching party has the right, in addition to all other legal or equitable remedies, to seek specific performance or an injunction from a competent court to stop or remedy the breach. The existence of any claims or causes of action between the parties does not limit the enforcement of this section. For clarity, training materials and software are considered Confidential Information of SABTEX.

However, this section does not restrict the receiving party from using or disclosing Confidential Information that: (a) was already public at the time of disclosure; (b) later becomes public through no fault of the receiving party; (c) is already possessed by the receiving party, as shown by written records, before receiving it from the disclosing party; (d) is provided in good faith by a third party who has a rightful claim to the information; (e) is developed independently by the receiving party, as supported by documentation, without reference to the Confidential Information; or (f) must be disclosed pursuant to a court order or governmental agency mandate, provided the receiving party makes best efforts to notify the disclosing party in advance so the disclosing party has an opportunity to contest the order.

## 9. CANCELLATION

Orders placed by the Customer and accepted by SABTEX may only be canceled with SABTEX's consent and will be subject to cancellation charges. All SABTEX documents, drawings, and similar materials must be returned to SABTEX if the Customer requests a cancellation. No orders may be canceled after delivery or shipment, whichever occurs first. As an agreed estimate of damages, the Customer commits to pay SABTEX the greater of SABTEX's actual costs incurred before cancellation plus a reasonable profit, or the minimum cancellation charges for Equipment specified below. The Customer acknowledges and agrees that the cancellation charges outlined in this section are a reasonable estimate of the losses SABTEX will incur upon cancellation of an Equipment order—amounts that are difficult or impossible to calculate precisely—and are intended as liquidated damages rather than penalties:

- 20% of the total order value if canceled 30 days or more prior to the original delivery or shipment date;
- 50% of the total order value if canceled less than 30 days before the original delivery or shipment date; or
- 100% of the value for non-standard Equipment (meaning Equipment not built for stock or made to customer specifications).

For orders involving rentals or services, the minimum charges outlined in the order or any related proposal will apply. The Customer is responsible for confirming the amount of cancellation charges before proceeding with an order cancellation.

## 10. CHANGES

SABTEX expressly reserves the right to change, discontinue, or modify the design and manufacture of Products without any obligation to supply, retrofit, support, or install products sold previously or subsequently. Regardless of any statements to the contrary elsewhere, if, on or after the date of the issuance of the Proposal, there is any change in (i) the level or incidence, or the introduction or removal, of any tax applicable to the Agreement or any Order issued under it—which by law must be paid by SABTEX in relation to its employees working under the Agreement or Orders, or to SABTEX's activities under the Agreement or Orders—the net amount of such change, introduction, or removal will be added to or deducted from the sums payable to SABTEX, including taxes that the Customer is legally required to deduct at source from payments to SABTEX, provided SABTEX supplies documentation showing the net impact and any additional costs arising from a tax law change; or (ii) in relevant laws, decrees, rulings, practices, or regulations, or any changes in the interpretation of these that occur, are published, or become effective after SABTEX issues its Proposal—or other circumstances beyond SABTEX's reasonable control—if demonstrated that these changes result in additional or increased costs to SABTEX's performance and/or affect the delivery schedule, then SABTEX shall be entitled to an extension of any delivery date and/or to recover any such additional costs.

## 11. PAYMENT TERMS

Unless alternative payment terms are specifically agreed to in writing by SABTEX, all charges—including applicable licensing, packing, and transportation costs—billed by SABTEX are payable within 30 days from the date of invoice. SABTEX reserves the right to modify or withdraw credit terms at any time without prior notice. Unless otherwise stated, all payments must be made in the currency specified in the Proposal, Acknowledgment, and/or invoice. Interest on overdue accounts will accrue at 6% per annum or the maximum rate permitted by law. If the Customer wishes to dispute any payment, written notice must be provided within thirty (30) days of the invoice date, or the right to dispute is waived. For partial deliveries, the Customer will be invoiced as Products are shipped, with each invoice treated as a separate account and payable accordingly. Payment is due even if technical documentation and/or third-party certifications are incomplete at the time of shipment. SABTEX is entitled to recover all reasonable attorneys' fees and other costs incurred in collecting overdue payments.

If there is genuine doubt about the Customer's financial stability or if the Customer defaults on any payment obligation, SABTEX reserves the right to suspend delivery or performance of any agreement and/or order, in whole or in part, without liability and without prejudice to any other available remedies, until the default is remedied or satisfactory payment security is provided. SABTEX may also extend the delivery date by at least the duration of such suspension. For rental agreements, if the Customer defaults for any reason, SABTEX may retrieve all rental items as specified in the Agreement and collect any rental fees or other payments due. If the Customer chooses to exercise a purchase option for rental equipment, rental charges will continue to accrue and be invoiced until the later of (i) the end of the agreed rental period commencing upon delivery of the equipment and ending upon its return to SABTEX's premises, or (ii) 30 days prior to receipt of the total purchase price and all other rental amounts owed.