

Special Conditions for Contracts for Work and Materials for Gantner Electronic LLC Germany

All contracts concluded between the vendor and its contract partners (hereinafter also referred to as “customers”) are subject to the General Terms of Delivery for Gantner Electronic LLC Germany. The following special conditions apply on a supplemental basis and have priority in the case of contracts for work and materials.

Section 1 General provisions

- (1) Without limitation, the customer assumes the following cooperation duties (see also Section 2 General cooperation duties and Section 3 Special cooperation duties). These requirements need to be fulfilled in their entirety for the installation of the work/deliverable. The vendor reserves the right to charge the customer separately for additional expenses, if any (travel/assembly/downtime) in case of non-compliance with the requirements.
- (2) Changes due to customer wishes that can only be communicated to the vendor after the conclusion of the contract may lead to a delay in completion for which the vendor is not responsible. Structural elements may result in different totals for additional components (e.g. controllers, power and voltage supply). The customer will be charged separately for any resulting additional costs.

Section 2 General cooperation duties

- (1) Project schedule, cable diagram, rate structure and operational structure have to be confirmed/created by the customer in writing after the conclusion of the contract.
- (2) Access and contact information
 - The customer guarantees unrestricted and paved access (suitable for the usage with pallet trucks) to installation sites as well as cleaned work areas before the start of the assembly work to be performed by the vendor.
 - The responsible electrician (power and data cables), the IT system supervisor, the manufacturer of the lockers, carpenter, or manufacturer of the counters need to be reachable on site or by phone on short notice during installation to be performed by the vendor.
 - A contact person for road work elements needs to be reachable on site or by mobile phone on short notice.
 - The contact information has to be communicated to the vendor in advance.
- (3) Technical requirements
 - The cabling (network and power) has to be finished by the customer according to the specifications of the vendor or with its approval. The relevant documentation, patch panel and sub-distribution need to be delivered by the technician and have to be made available in good time prior to the installation.
 - Roadwork to be performed by the customer related to parking has to be finished upon the start of installation (creation of foundations/traffic islands/laying of induction loops and other measures for traffic safety, e.g. signage).

- In the case of paved areas, induction loops need to be laid by the customer. These induction loops and the cabling for network, telephony and power have to be coordinated with the vendor in advance. The cabling needs to be finished and labelled before the vendor's installation can begin.
- Recommended height for the RFID terminals: 1,350 mm,
- Centre of the emergency stop in case of wall mounting: 850 mm
- All signage will be done by the customer.

(4) Printing of/on consumable supplies

- If the customer has ordered an individual design for consumable supplies (cards, wristbands, tickets etc.), it must send the vendor the respective templates based on its specifications at least 6 weeks prior to installation. In the case of silicone bands, it must submit them 8 weeks prior to installation.

(5) Rates

- Rates may only be set up as an example and is fundamentally not part of the scope of services, but rather must be performed by the customer.
- The rate structure and all configuration requirements relating thereto have to be communicated to the vendor or its software partner at least 8 weeks prior to the installation in accordance with the specifications of the vendor.
- The same applies for the requirements of any purchased course management software or a web shop / website.

(6) Software

- Any form of third-party software and IT component that is to be introduced by the customer has to be examined in relation to compatibility on the basis of the vendor's system requirements before order placement.
- Software by third parties shall be submitted to the vendor insofar as it is intended to be incorporated into its systems. Such software must be made available to the vendor including the original certificates.
- Membership software from third-party providers needs to be installed at the start of installation in its entirety with all modules that are needed by the customer.

Section 3 Special cooperation duties

(1) Cash registers, vending machines and back office

- Operational grounded sockets.
- Operational network sockets (measured and labelled).
- Cut-outs for cables for peripherals (80 mm in diameter) in direct proximity to the PCs or cash registers (maximal cable length 1 m to 1.2 m).
- Openings or drawers in the counters for cash registers, printers and readers.

(2) Server room/network cabinets

- The server rack must be assembled and ready-to-install. Its depth needs to be at least 1,000 mm (provided it is not supplied by the vendor).
- Grounded sockets and socket strips have to be operational (the vendor advises installing power supply isolation between grounded sockets and socket strips). A single circuit for the UPS and a single circuit for the socket strip.
- The network panel has to be operational (patch panel completed, measured, and labelled).
- Connecting optical fibre connections, operational switches and an active connection to servers are required.
- A DSL connection point needs to be available in the server rack. This requires a static IP address, username, and password. These files need to be sent to the vendor via email one week in advance.
- Network cables may not exceed a length of 100 m between the main rack/server and the respective device.

(3) Turnstiles, gates, guide bars

- The customer needs to finish the work on the floor before the vendor starts the installation (site ready for assembly on the surface of the finished floor or on a chargeable substructure). Unevenness of the floor must be less than plus or minus 2 mm.
- A drilling depth of at least 150 mm from the surface of the finished floor must be ensured by the customer for such purposes.
- Cable outlets and cables must be put in place, measured and labelled according to the cable diagram/installation drawing/device overview. The cable diagram plan/installation drawing/device overview will be specified by the vendor.
- Cable feeds are to be installed by the customer in accordance with the cable diagram specified by the vendor and have to reach the turnstiles, gates, etc. from below.
- There can be no underfloor heating at the respective drill points, otherwise ample clearance must be provided around such areas.
- Voltage supply has to be available as per the vendor's specification.
- The length between gates and the control unit box may not exceed 50 m.
- If measures for the control and guidance of escape and emergency routes are to be installed, a separate circuit with surge protection automat TYP C and equipotential bonding with a cable diameter of 10mm² must be provided.

(4) Cabinet systems (battery and cable locks)

- Locks (provided they are not part of the vendor's scope of services) have to be installed, labelled, and numbered/coordinated by the customer.

- New cabinet doors have to be installed and aligned (provided they are not part of the vendor's scope of services).
- Every cabinet needs a cabinet number which is clearly visible from the outside (the number range needs to be sent to the vendor at least four weeks in advance). Individual cabinet labels are not part of the scope of services.
- Both cabinet doors as well as cabinet labels prepared by the customer cannot be made of or coated with metal, as that would impair the performance of the locks.
- Only jacks are to be applied on all labelled network cables/lines/bridges etc. (no network sockets).
- The vendor recommends cable ducts on the cabinets in the size of 230 x 99 mm, provided that no additional features outside the scope of services are to be installed.
- Access to sockets, controllers, and network sockets has to be possible at all times, even during business hours.

(5) Vending machines

- The designated footprint for the vending machines on firm ground must have accessible clearance of at least 100 cm.
- Assembly will take place on finished floors (if not agreed upon differently), where any possible unevenness must be less than plus or minus 2 mm (no slopes).
- There may be no underfloor heating in the area of the vending machines, otherwise ample clearance must be provided around such areas.
- There may be no other installation as part of the floor construction in the vicinity of 100 cm around the vending machines.
- The vendor expects the following mounting options:

Floor mounting with anchor screws requires a drilling depth of 150 mm; Wall mounting on a load-bearing wall with a thickness of more than 150 mm requires a drilling depth of at least 100 mm. Cable outlets and cables must be installed, measured, and labelled according to the cable diagram/installation drawing/device overview. These plans will be specified by the vendor.
- Cable feeds are to be arranged by the customer in accordance with the cable diagram specified by the vendor, reaching the vending machines from below.
- In case of credit card terminals: The vendor has to be supplied with the terminal ID from the provider at least a week prior to the start of installation.
- If a customised front cover was ordered by the customer, it will have to send the corresponding print template to the vendor (conforming to its specifications) at least six weeks before the installation.

Section 4 Acceptance

The contractual services must be accepted immediately after the conclusion of the work on the date communicated by the vendor to the customer. Devices that are permanently attached (terminals, vending machines, turnstiles, gates, etc. as well as computer workplaces) have to be (partially) accepted immediately after the installation on the date communicated by the vendor to the customer. The customer is obliged to ensure that a person who is authorised to perform acceptance is present. The provisions of Section 5(6) of the general terms of delivery apply to the extent that acceptance does not take place at this time. The customer shall protect the installed devices from damage and soiling by third parties until the time of the acceptance.

Bochum, 01.08.2018