



2021

Panels Pre-Qualification

Document

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ASA Panel Workshops were established with well-equipped facilities managed by a team of experts in designing and building all types of electrical switchboards & control panels.



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Company Profile

الموضوع / خطاب توضيحي لمجال عمل شركة أسيك للتحكم الآلي

يختص الموضوع عاليه بتقديم خدماتنا علمياً بأن مؤسسة أسيك للتحكم الآلي بدأت نشاطها عام 1996 حيث أننا متخصصون في المجالات الآتية :

- المقاولات الكهربائية وأنظمة التحكم الآلي
- توريد وتركيب لوحات الجهد المنخفض وبياناتها كالتالي :
 1. اللوحات العمومية والرئيسية MDB
 2. لوحات تحسين معامل القدرة PFC
 3. لوحات التحكم بالموتورات MCC
 4. لوحات الصبيل الإلكتروني والتزامن ATS & Synchronization
 5. لوحات التحكم الآلي Automation Solutions
 6. لوحات قياس وتحسين الجودة Power Quality Measurement & Improving
 7. لوحات تحكم معدلات السرعة Speed Control Drives
 8. لوحات أجهزة الوقاية Protection Devices
 9. لوحات الإنضاءة Lighting Panels
 10. لوحات Soft Starters
 11. لوحات Level Panels

كما نحيط سيادتكم علماً بأننا مصنع لوحات متعدد من شركة SIEMENS إلى جانب امتلاكنا لعدد ثلاثة ورش كبرى لتصنيع وتجميع جميع أنواع اللوحات وذلك بمنطقة العين والمنطقة الحرة بكلا من الاسكندرية والسويس. في حالة وجود أي استفسارات أخرى نرحب بمواصلتكم مع د/ رأفت صالح (مدير مبيعات اللوحات)


موبايل : 01001075943

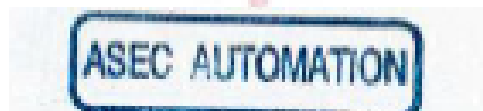
البريد الإلكتروني : Rafat.Saleh@asecautomation.com

وتفضلوا بقبول فائق الاحترام

شركة أسيك للتحكم الآلي
المدير العام




شركة أسيك للتحكم الآلي
مدير مبيعات اللوحات
هم . رأفت صالح




COMPANY MILESTONES

Foundation



ASA Automation was established as a junior member of the ASEC Holding family.

To pioneer in delivering integrated electrical contracting services.

Reinforcement



Al Qalaa Holdings' acquisition of ASEC Holding has been considered a reviving push for the Arab Swiss Engineering Company.

Which by result has given ASA Automation a firm footing in a growing and competitive electrical contracting market.

Sustainability



ASA Automation embraces a maturity phase, where it's capable of recognizing the changes in the local & global industry.

With a plan of continuing to monitor and quickly adopt its lines of business and services to sustain its 20-year record of expertise.

BUSINESS REVIEW

MISSION

To put our clients' goals and needs at the center of our integrated electrical contracting services.

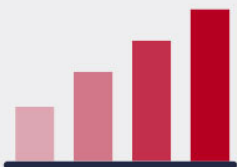
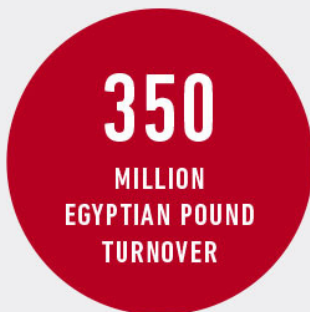
VISION

To be the first electrical contractor of choice that offers its clients sustainable growth by stimulating the positive impact of energy-saving technologies, renewable energy, and remote solutions.

ASA GLOBAL PRESENCE



Our Key Figures

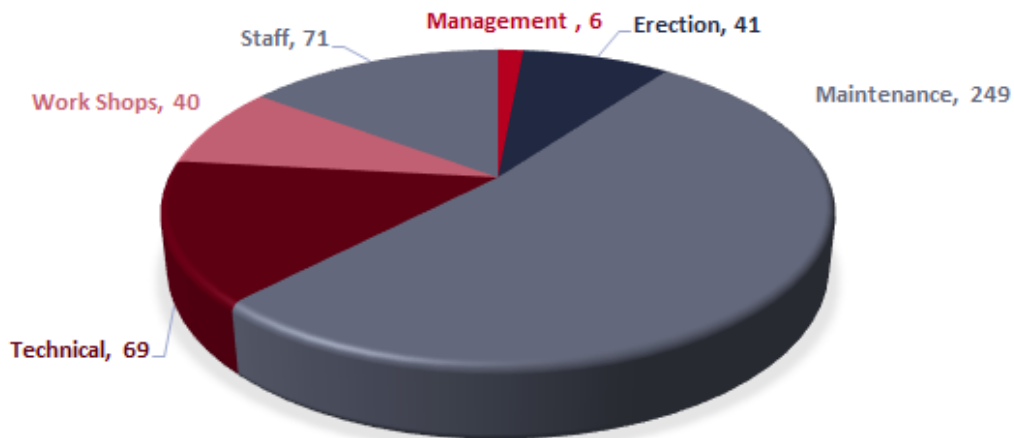


ASA BUSINESS MODEL

Differentiated by the quality of our people and our relentless drive to deliver the most successful outcomes, we align our capabilities to project needs, by adopting an agile and flexible Business model that increases our abilities to scale up using different subcontracting models (TPAs, subcontracting and third party labor agreements) which resulted in a direct connection between strategic priorities, revenue and budget.

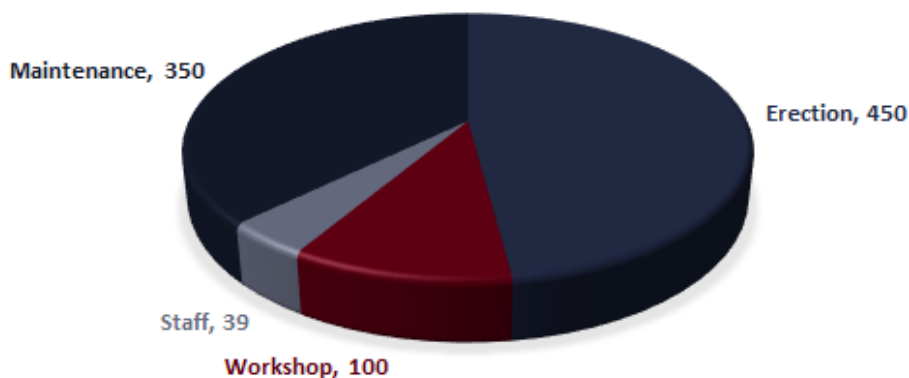
ASEC AUTOMATION EMPLOYEES

TOTAL HEADCOUNT: 476



THIRD PART HEADCOUNT

TOTAL THIRD PARTY HEADCOUNT: 1000 (EX.)



Panels Expertise



Operating on 3000 m2 with an exceptional team of professionals, ASA has three workshops:

1. TIBBEN WORKSHOP

2. SUEZ FREE ZONE WORKSHOP

3. ALEXANDRIA FREE ZONE WORKSHOP

ASA Workshops carry out the following electrical panels:

- Low Voltage Distribution Boards (LVDB).
- Motor Control Centers (MCC).
- Auxiliary Control Centers (ACC).
- Marshaling Panel Logics (MPL).
- Marshaling Panel Instrumentations (MPI).
- Lighting Panels.
- Power Factor Correction Panels

ASA Workshops offer the below advantages:

- Customs free (Overseas projects).
- Sales tax-free (Overseas projects).
- Proximity to the Imports/Exports Ports (Suez & Alexandria).
- Heavy Infrastructure for Exportation and Importation.
- Strategic routing flexibility for being located in Alexandria and Suez.

ASA MCC Panels



Compartment Back to Back MCC Panels

MCC Main Incomer



Incomer Front View



Incomer Copper

Outgoing Panels MCC View

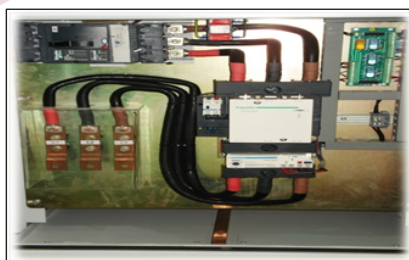


Front View



Inside View

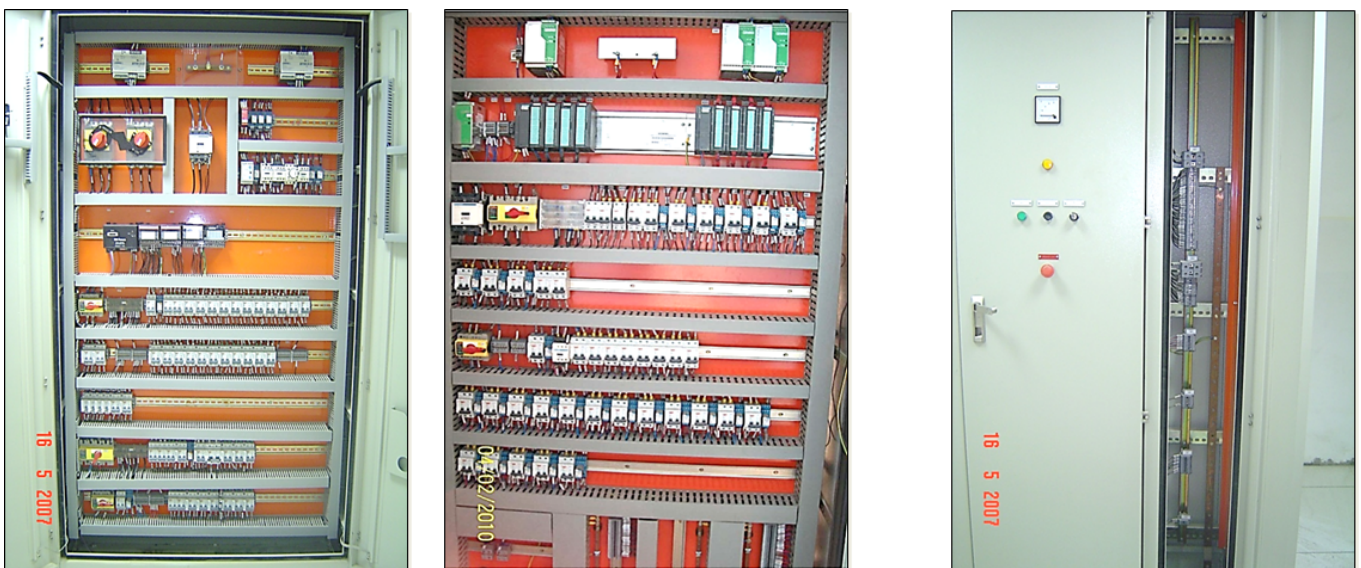
Motor Starters



ATS Panels



Auxiliary Control Center Panels (ACC)



Inside View

Outside View

PLC Panels

- PLC panel contains all signals to be controlled.
- The cabinet has digital and analog cards that control signals.
- The panel connected to the CPU through the interface module.



Medecon Type



Allen Bradley Cards

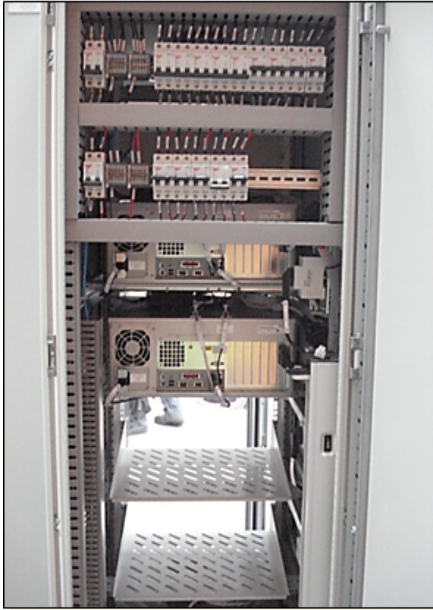


Siemens Cards

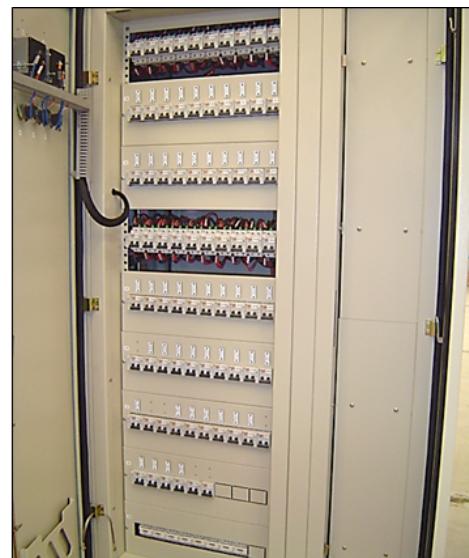


ABB Cards

Level Panels: Used for collect all CPU and server in one panel located in good environment place(I.E Centre room.

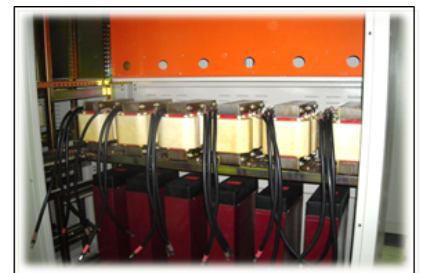
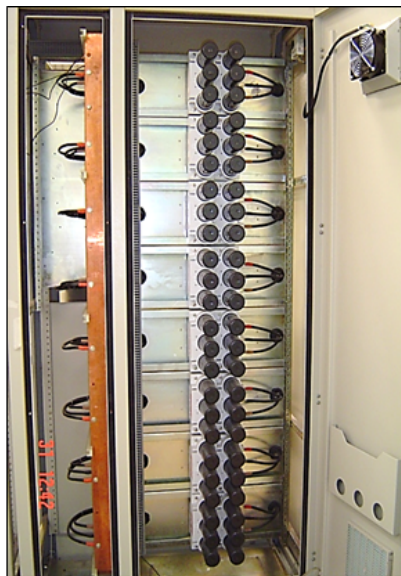


Lighting distribution panels and/or wall: Mounted boxes will be to feed indoor, outdoor lighting, and sockets in the adjacent areas.

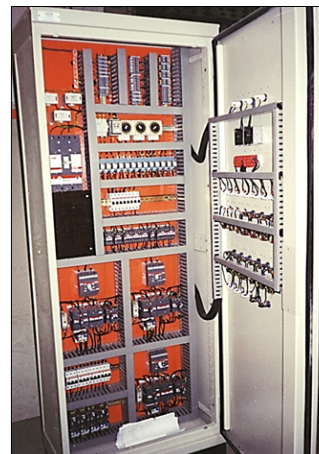
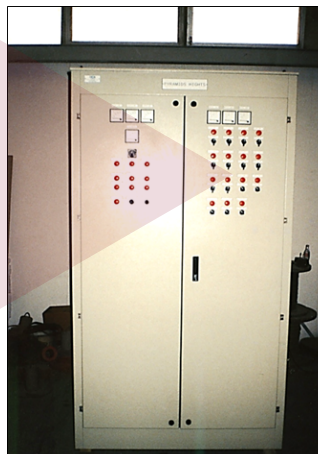


Capacitors PF Correction Panels:

According to Power network analysis using capacitor bank to improve power factor and losses in power



Local Panels



Workshop Material Brands





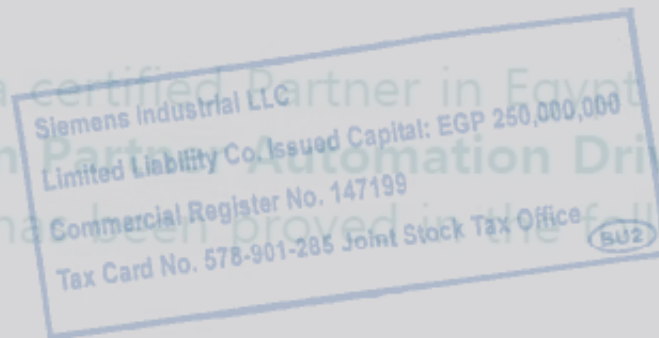
Panel Builder Certificate

Inform you that "ASEC Automation" Company Located at : (Head office) 6 st no. 308
o – Egypt. (Factory) Mahatet Al Kahrabaa street – Arab Abo Saed – Al Tebein
t. General Free Zone Area – Alexandria is an Authorized SIEMENS Panel Builder,
working on supervision and technical support for the company "ASEC Automation" to
best quality can be achieved.

in accordance with the contract signed on 1 July, 2020 and ending on 30 June 2023,
dic annual review for the quality of the products used in manufactured panels.

ts Sales Manager

Digitally signed by El-
Samahy Islam
DN: cn=El-Samahy Islam,
o=Siemens, email=islam.el-
samahy@siemens.com,
Date: 2020.07.21 14:22:44
+02'00'



ts Business Unit
ure Division

- Process Control System SIMATIC PCS 7

Quality Assurance


Alexander Frisch
Siemens Partner Program

Solution
Partner

Automat
Drives

ASA is certified as... SIEMENS Panel Builder

SIEMENS

To Whom It May Concern:

Name	Abdullah El-Bagoury
Department	RC-EG-SI-EP
Telephone	+20 (2) 26143 679
Fax	+20 (2) 26143 499
E-mail	abdullah.elbagoury@siemens.com

Panel Builder Certificate

We would like to inform you that "ASEC Automation" Company Located at : (Head office) 6 st no. 308 – Maadi – Cairo – Egypt. (Factory) Mahatet Al Kahrabaa street – Arab Abo Saed – Al Tebein – Cairo – Egypt. General Free Zone Area – Alexandria is an Authorized SIEMENS Panel Builder, and Siemens is working on supervision and technical support for the company "ASEC Automation" to get together the best quality can be achieved.

This letter shall be in accordance with the contract signed on 1 July, 2020 and ending on 30 June 2023, this is after periodic annual review for the quality of the products used in manufactured panels.

Electrical Products Sales Manager

**El-Samahy
Islam**

Digitally signed by El-Samahy Islam
DN: cn=El-Samahy Islam,
o=Siemens, email=islam.el-samahy@siemens.com
Date: 2020.07.21 14:22:44
+02'00'

Electrical Products Business Unit
Smart Infrastructure Division

Siemens Industrial LLC
Limited Liability Co. Issued Capital: EGP 250,000,000
Commercial Register No. 147199
Tax Card No. 578-901-285 Joint Stock Tax Office

BU2

SIEMENS

Ingenuity for life

Solution Partner Certificate

Asec Automation
Certified



The company is a certified Partner in Egypt and is authorized to use the name **Siemens Solution Partner Automation Drives**.

The certification has been proved in the following program module:

- Process Control System SIMATIC PCS 7



Alexander Frisch
Siemens Partner Program

SIVACON S4 is an AS (TTA-TSK) switchgear and controlgear system, type tested according to IEC 60439-1, for installation as primary or secondary boards in industrial and service sector facilities, including hospitals, shopping centres, banks, schools.

Overview

The SIVACON S4 energy distribution concept consists of a full line-up of boards in galvanised chromed sheet steel, of sturdy design, suitable for any installation modality: self-standing, flush or wall-mounted. SIVACON S4 low-voltage power distribution

boards are constructed according to a modular design system and, by means of ad hoc assembly kits, can be combined to meet all power distribution needs.

Benefits

- Type-tested switchgear and controlgear assembly in accordance with IEC 60439-1, EN 60439-1
- Modular system delivered as flat pack (delivery of packaged assembly kits in the form of individual and standard components with assembly drawing for do-it-yourself installation)
- New design, ventilation and locking system
- Colour RAL 7035
- Doors with universal stop
- Degrees of protection IP30, IP31, IP40, IP41, IP55
- Busbar systems up to 4000 A, Icw up to 100 kA (1 sec), Ipk up to 220 kA
- Cubicle height 2000 mm
- Base height optionally 100 mm or 200 mm
- Cubicle width optionally 400 mm, 600 mm, 800 mm, 1000 mm or 1200 mm
- Cubicle depth optionally 400 mm, 600 mm or 800 mm
- Assembly kits for Siemens switching devices SENTRON 3WL, 3VL, 3KL, 3KA as well as for built-in installation devices
- Assembly kits for copper terminal modules for Sentron 3WL, 3VL
- Forms of internal separation 1, 2, 3, 4
- Easy planning and configuration with the SIMARIS CFB software tool

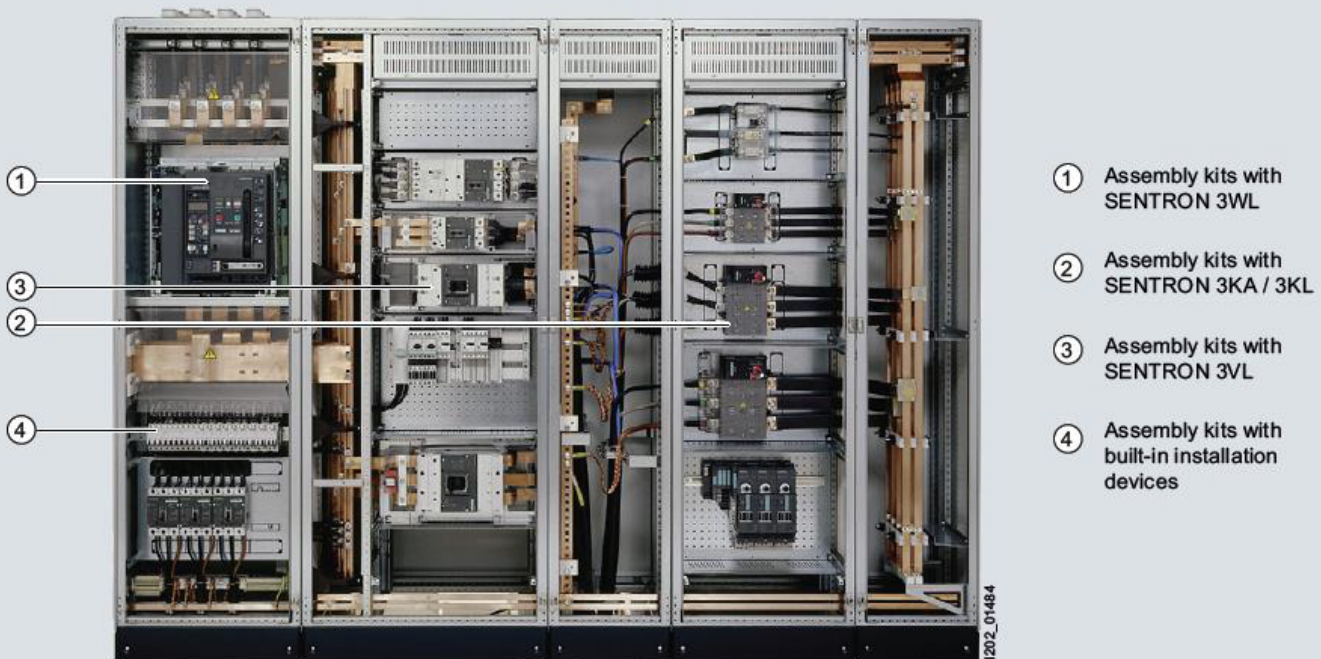
Power Distribution Board SIVACON S4 - Flexible and cost-effective

Low-voltage power distribution board SIVACON S4



**ASA PANEL WORKSHOP
IS AUTHORIZED TO
ASSEMBLE SIEMENS LV
PANEL SIVACON S4**

SIEMENS LV PANEL SIVACON S4



Assembly kits with SENTRON 3WL

- Rated current 630 A - 3,200 A
- 3-pole and 4-pole
- Withdrawable and fixed-mounted design
- Copper assembly kits

Assembly kits with SENTRON 3KA/ 3KL

- SENTRON 3KL5/6 (LBS) switch disconnectors
Rated current up to 630 A
- SENTRON 3KL7/3KA7 (LBS) switch disconnectors
Rated current up to 1,250 A
- 3-pole and 4-pole
- Fixed-mounted design
- Door coupling rotary drive

Assembly kits with SENTRON 3VL

- Rated current 160 A - 1,600 A
- 3-pole and 4-pole
- Withdrawable, fixed-mounted and plug-in design
- Manual, motor or rotary drive
- Copper assembly kits

Assembly kits with built-in installation devices

- Modular spacing
24 with 600 mm cubicle width
36 with 800 mm cubicle width
- 150 mm or 200 mm matrix
- Depth-adjustable multi-profile bus bar (AL 35 mm)
- Silkclip rapid wiring system

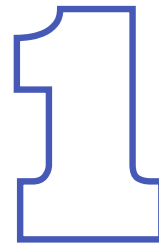
Products Catalogues

SIEMENS

PRODUCTS

CATALOGUES

SIVANCON S4 POWER DISTRIBUTION BOARDS



SIVACON S4

Low-Voltage Power Distribution Boards

Catalogue LV 56 · 2008



sivacon S4

www.siemens.it/ad/cd

SIEMENS

sivacon S4

Power Distribution Boards

Catalogue LV 56 · 2008



The products listed in this catalogue are manufactured at production units working according to a quality system certified for conformity to EN 29001 (ISO 9001)

Not valid:
Catalogue LV 56 · 2006

Contact your local Siemens representative for further information

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Busbar System	5
Assembly Kits for Switching Devices	6
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Explanations

Information on catalogue LV 56 · 2008 and Manual SIVACON S4 · 2008

Catalogue LV 56 · 2008 contains the data relevant to selection and ordering.

Additional information is given in SIVACON S4 Manual.

Delivery class (DC)¹⁾

The delivery class indicates a product's delivery time in working days from order receipt to product ready for dispatching from the warehouse.

Total deliver time is given by the sum of order processing time in the country of origin, predetermined delivery time and transport time.

Price¹⁾

The stated price is in € and refers to the price per unit (PU).

Price unit (PU)

The price unit specifies to how many items (IT), sets (ST) or metres (M) the stated price and weight applies.

Price group (PG)¹⁾

Each product is assigned to a price group.

Dimensions

All dimensions are expressed in mm.

¹⁾ Information is provided on a separate price list.



1/2	Siemens Automation and Drives Welcome
1/4	Sharpen your competitive edge Totally Integrated Automation
1/6	Low-Voltage Power Distribution with SIVACON, SENTRON and SIMARIS

Siemens Automation and Drives. Welcome

More than 60,000 people aiming for the same goal: increasing your competitiveness. That's Siemens Automation and Drives.

We offer you a comprehensive portfolio for sustained success in your sector, whether you're talking automation engineering, drives or electrical installation systems. Totally Integrated Automation (TIA) and Totally Integrated Power (TIP) form the core of our offering. TIA and TIP are the basis of our integrated range of products and systems for the manufacturing and process industries as well as building automation. This portfolio is rounded off by innovative services over the entire life cycle of your plants.

Learn for yourself the potential our products and systems offer. And discover how you can permanently increase your productivity with us.

Your regional Siemens contact can provide more information. He or she will be glad to help.



Integrated energy distribution from a single source. Totally Integrated Power

Totally Integrated Power (TIP) brings together all the components of electrical energy distribution into an integrated whole. Thus TIP provides the answer to growing market demands in the planning, construction and use of utility buildings and industrial buildings.

On the basis of TIP, we offer integrated solutions for energy distribution, from medium voltage to the power outlet. Totally Integrated Power is based here on integration in planning and configuring as well as on perfectly matched products and systems.

Communication

Process/production
automation

HMI

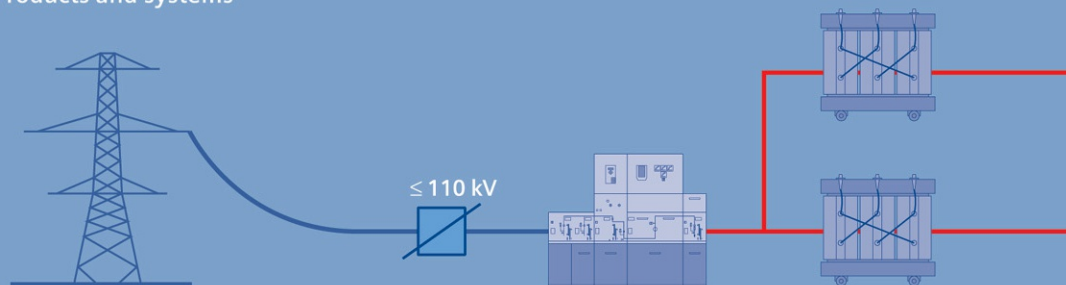
Load manage-
ment

Graphs

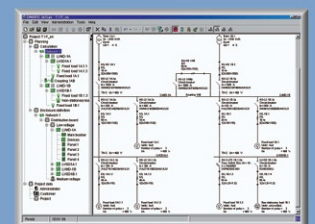
Prognoses

PROFI
BUS

Products and systems



Planning and configuration



Totally Integrated Power offers communication and software modules for connecting the energy distribution systems to industrial automation and building automation. This enables the implementation of significant savings potential.

Maintenance

- Substation
- Distribution
- Maintenance task

Hall 1 Air conditioning system checkup
Distribution 2 Replacing circuit breaker contacts
Infeed 3 Replacing meters

Message/error management



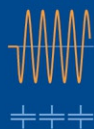
Selective protection



Protocols

Protocol	Modbus	Profibus	PowerLine	RS-485	RS-232	Modbus	Profibus	PowerLine	RS-485	RS-232
Modbus	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Profibus	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PowerLine	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RS-485	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RS-232	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

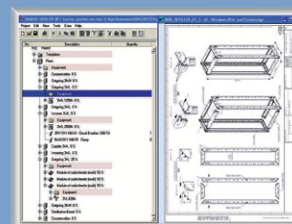
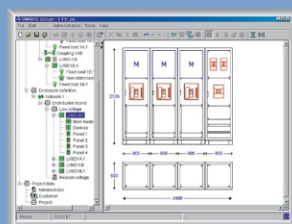
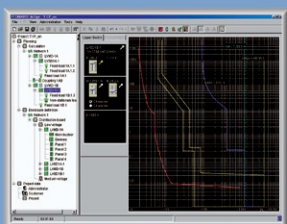
Power quality



Cost center



Building automation

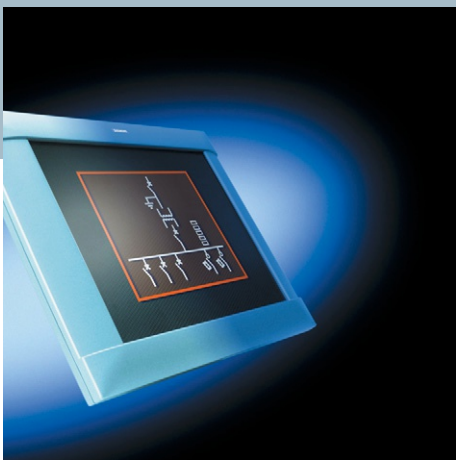




SIVACON power distribution boards



SENTRON switching devices



SIMARIS software for power distribution

Low-voltage power distribution with SIVACON, SENTRON and SIMARIS

Non-residential buildings and industrial plants have one thing in common: without electricity, everything comes to a halt. The availability, safety and cost effectiveness of the power distribution system is of utmost importance – from the medium voltage supply point through to the socket outlet. And only integrated solutions can ensure maximum efficiency for planning, configuration and operation.

The concept is called Totally Integrated Power from Siemens.

Total integration in planning and configuration creates synergies and saves costs. Perfectly matched products and systems provide efficient engineering and reliable operation. In the field of low-voltage power distribution, the following product ranges are available:

SIVACON: From flexible busbar trunking systems through to safe power distribution boards and motor control centers.

SENTRON: From well-proven switch disconnectors through to intelligent circuit breakers.

Software for power distribution: Everything for dimensioning, configuring, visualizing and controlling your power distribution.



2/2	Introduction
2/3	General Data
2/6	Technical Data
2/7	Declaration of conformity

SIVACON S4 Power Distribution Boards

Introduction

Front view

2



SIVACON S4 is an AS (TTA-TSK) switchgear and controlgear system, type tested according to IEC 60439-1, CEI EN 60439-1, for installation as primary or secondary boards in industrial and service sector facilities, including hospitals, shopping centres, banks, schools, etc. The SIVACON S4 energy distribution concept consists of a full line-up of boards in galvanised

chromed sheet steel, of sturdy design, suitable for any installation modality: self-standing, flush or wall-mounted. SIVACON S4 low-voltage power distribution boards are constructed according to a modular design system and, by means of ad hoc assembly kits, can be combined to meet all power distribution needs.

Description

System

SIVACON S4 is a system of low-voltage power distribution boards, for indoor use, panelled on four sides, suitable for self-standing or wall-mounted installation.

The cubicle

The constituent elements of the cubicle framework, having a 2.5mm thick profile, are inserted into one another to form a parallelepiped shaped column. This provides the bearing structure supporting all add-on interior switchgear components, i.e., assembly kits, busbar systems, mounting plates, etc. Stable and rugged construction is ensured through the use of Torx self-tapping screws. Equipotential and safe grounding of all parts are also achieved.

The enclosure

Enclosure parts made of galvanised sheet steel are dimensioned as a function of the cubicle they are fitted to. Different versions make it possible to achieve various degrees of protection: IP 30/31, IP 40/41 or IP 55. Walls and doors are coated with slightly embossed RAL 7035 powder-paint. In addition to the standard two-way interlocking system, the doors can be equipped with numerous types of operating mechanism including rotary handles, with or without locks, to meet any need. Assembly kit covers are secure by means of captive quick-release screws. Opening and closing is by rotating the handle by $\frac{1}{4}$ turn. Using the hinge option, the covers may open to the right or to the left.

Busbar system

The main busbar system of SIVACON S4 offers an appropriate scaling of rated currents, matched to a rated current of up to 4000 A and short-circuit currents of standard transformers. It is possible to set up systems with network configurations such as TN-C, TN-S, IT and TT. Vertical distribution busbar systems are available as cascaded versions up to 1600 A or non-cascaded versions up to 2700 A.

Internal separation

Depending on individual requirements, internal partitions are available from form 1 to form 4.



Assembly kits

For open and enclosed automatic breakers, disconnectors, SENTRON circuit breakers, modular units as well as contactors, a wide range of dedicated kits are available. Modular adjustable mounting plates or plates for electrotechnical use, as well as dedicated ventilation and air-conditioning components complete the line-up of parts for the construction of boards as typically used at industrial facilities or for automation purposes. The items available include a range of assembly kits for Siemens Sentron WL and VL circuit breakers, in fixed, plug-in and drawout versions, as well as kits with DIN rails, according to DIN 43656, for the wide range of the Beta Series modular devices.

- The components of the cubicle and the assembly kits are made of galvanised chromed sheet.
- The components of the enclosure, such as panels and doors are coated with slightly embossed RAL 7035 powder-paint.
- Air-conditioning components complete the line-up of SIVACON S4 system components.

General Data

Applications

Main features

- Type AS (TTA-TSK) power distribution boards according to CEI EN 60439-1.
- Modular systems supplied loose (supplied as assembly kits with individually packaged components, including fasteners; assembly instructions for do-it-yourself installation).
- New design, ventilation and closing system.
- Slightly embossed RAL 7035 powder coating.
- Doors with universal stop.
- Degree of protection IP30, IP31, IP40, IP41, IP55
- Busbar system rated current up to 4000 A
- Busbar system short-circuit current I_{cw} up to 100 kA (1s).
- Busbar system peak current I_{pk} up to 220 kA.
- Height 2000 mm
- Width 400, 600, 800, 1000, 1200 mm.
- Depth 400, 600, 800 mm.
- Kits for Sentron 3WL, 3VL, 3KA, 3KL circuit breakers, Beta modular devices on DIN rails.
- Kits of prefabricated bars for Sentron 3WL, 3VL circuit breakers.
- Internal separation form 1, 2, 3, 4.
- Easy design and configuration with the SCFB software tool.

Construction and testing modalities

All installation and wiring operations must be performed in keeping with the information and data given in the catalogues and the assembly manuals.

The installation and individual testing of the low-voltage boards must be performed according to standards IEC 60439-1 and CEI EN 60439-1.

Protection of the environment

To the best of our knowledge, our materials do not contain materials in concentrations or applications prohibited by directive 2002/95/EC (RoHs).

All the materials used are recyclable.

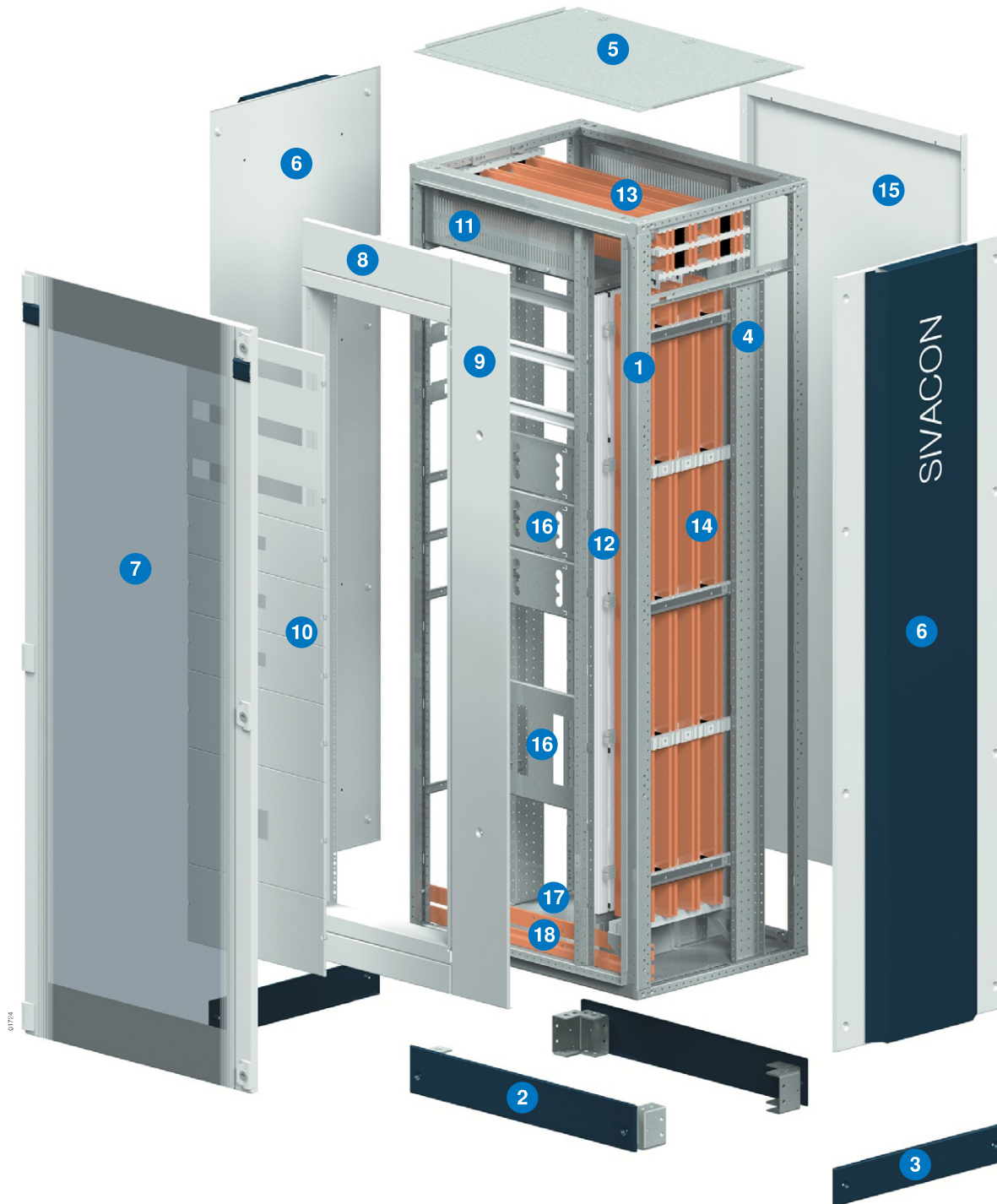


SIVACON S4 Power Distribution Boards

Quick and easy assembly

Exploded view

2



- | | | |
|--------------------------|--|--|
| 1 Cubicle | 7 Giugiaro Design glazed wall | 13 Horizontal busbars |
| 2 Base with front covers | 8 Front frame | 14 Vertical distribution busbars, non-cascaded |
| 3 Base side covers | 9 Cable compartment cover | 15 Real panel |
| 4 Supporting Structure | 10 Covers for equipment kits | 16 Mounting plate for Sentron VL circuit breaker |
| 5 Blind top plate | 11 Segregation for horizontal busbars | 17 Blind bottom plate |
| 6 Side panel with design | 12 Segregation for vertical distribution busbars | 18 Main grounding bar PE |

SIVACON S4 Power Distribution Boards

Technical Data

Overview

Standards and regulations	Type AS (TTA-TSK) assembled protection and circuit breakers for low-voltage (L.V. boards)			IEC 60439-1, EN 60439-1
Air clearances and creepage distances	Rated impulse withstand voltage (U_{imp}) Overvoltage category Pollution degree			12 kV IV 3
Internal separation forms				1, 2b, 3b, 4a, 4b
Rated insulation voltage (U_i)				1000 V
Rated operational voltage (U_o)	Up to			690 V
Rated frequency				50/60 Hz
Rated current (In) of (3-pole and 4-pole) busbar system	Main horizontal bars	Rated current Rated peak current of busbar system (I_{pk}) Rated short-time current of busbar system (I_{cw})	Up to Up to Up to	4000 A 220 kA 100 kA, 1s
Protection of people in the event of internal arcs	Type tested according to IEC 61641 Degree of protection \leq IP40, without glazed door	Rated utilisation voltage Rated short-time current without extra kit Length of internal arc without extra kit Length of internal arc with extra kit		400 V 50 kA 100 ms 300 ms
Surface treatment	Cubicle, interior components, enclosure Coated with RAL 7035 powder	Galvanised Epoxy resin Cold phosphatised Thickness of coating	min. min.	20 μ m RAL 7035 70 μ m
Insulation class	According to IEC 61140, EN 61140			SK1
Degree of protection	According to IEC 60529, EN 60529		IP 30, IP 31, IP 40, IP 41, IP 55	
Resistance to mechanical impacts	According to IEC 62262, paragraph 9.6		IP 3X \geq IP 4X IK08 IK10	
Additional static loads on frame components	Front frame	revolving	1,0 kg	
	Covers	fixed	5,0 kg	
		with quick closing screws, H 50-300mm	0,5 kg	
		with quick closing screws, H 350-550mm	1,0 kg	
	Internal inner door Internal door / double door	with quick closing screws, H 600-800mm	2,0 kg	
		with hinges	0,0 kg	
				2,5 kg
Door module	W 400, 600mm	10,0 kg		
	W 800mm	5,0 kg		
	W 1000, 1200mm	2,5 kg		
	H 150-200mm	0,5 kg		
	H 250-350mm	1,5 kg		
Exterior covers	H 400-800mm	3,0 kg 10,0 kg		
Max construction weight	According to IEC 62208, paragraph 9.3, 9.4, Type tested with static load by lifting a cubicle			1200 kg
Operating conditions Ambient temperature ¹⁾ Installation altitude				≤ 35 °C ≤ 2000 m
Frame parts:	2.5 mm – Galvanised chromed sheet steel, with 25mm hole pattern according to DIN 43 660			
Dimensions	Exterior dimensions	Height: Width: Depth:	2000 mm 400, 600, 800, 1000, 1200 mm 400, 600, 800 mm	
	Base	Height:	100, 200 mm	

¹⁾ For different ambient temperatures and installation altitudes, take into account the appropriate correction factors (see chapter on Planning and Configuration)

SIEMENS

Konformitätserklärung*Declaration of Conformity*Nr. **EK N.001.01**

No.

Siemens AG / A&D CD DM / Nürnberg

Wir

We (Name des Herstellers / manufacturer's name)

**Gleiwitzer Straße 555
D-90475 Nürnberg**

(Anschrift / address)

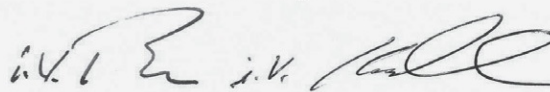
erklären in alleiniger Verantwortung, daß das (die) Produkt(e)
declare under our sole responsibility that the product(s)**SIVACON S4****Standardisiertes, typgeprüftes Bausteinsystem für den Bau von
Niederspannungs-Schaltgerätekombinationen****SIVACON S4****Standardized, type-tested module system for assembly of low-
voltage switchgear and controlgear assemblies**(Bezeichnung, Typ oder Modell /
name, type or model)mit folgenden normativen Dokumenten übereinstimmt (übereinstimmen):
is (are) in conformity with the following normative documents:**IEC 60439-1 Edition 4.1 2004-04
EN 60439-1:1999 + A1:2004
VDE 0660 Teil 500 Januar 2005**(Titel und/oder Nr. sowie Ausgabedatum der Norm(en) oder der anderen normativen Dokumente /
Title and/or number and date of issue of the standard(s) or other normative document(s))

Dies wird nachgewiesen durch die folgenden bestandenen Prüfungen:

This is documented by the following tests passed:

**Typprüfungen nach Kapitel 8.2 der oben genannten
Normen (siehe Anlage)****Type tests according to chapter 8.2 of the above mentioned
standards (see annex)**Bezüglich der aus diesem Bausteinsystem gefertigten Niederspannungs-
Schaltgerätekombinationen trägt der jeweilige Hersteller die alleinige
Verantwortung für die Einhaltung der oben genannten Normen sowie der
Projektierungs- und Montagevorschriften der Siemens AGRegarding the low-voltage switchgear and controlgear assembly, manufactured by means of
this module system, the particular manufacturer bears the sole responsibility for the
conformity with the standards mentioned above and with the planning and assembly
instructions of the Siemens AG.

Siemens Aktiengesellschaft

**Nürnberg, 19.06.07**(Ort und Datum der Ausstellung /
Place and date of issue)**Dr. Franke**
Leiter R&D**Koschmieder**
Leiter Produktmanagement(Name, Funktion und Unterschrift des Befugten /
name, function and signature of authorized person)



Anlage zur Konformitätserklärung

Annex to Declaration of Conformity

Nr. **EK N.001.01**
No.

Seite **1/1**
page

Durchgeführte Typprüfungen nach IEC 60439-1 / EN 60439-1 / VDE 0660 Teil 500:
Type tests performed according to IEC 60439-1 / EN 60439-1 / VDE 0660 Teil 500:

8.2.1	Nachweis der Einhaltung der Grenzübertemperaturen Verification of temperature-rise limits
8.2.2	Nachweis der Isolationseigenschaften Verification of dielectric properties
8.2.3	Nachweis der Kurzschlußfestigkeit Verification of short-circuit withstand strength
8.2.4	Nachweis der Wirksamkeit des Schutzleiterkreises Verification of the effectiveness of the protective circuit
8.2.5	Nachweis der Luft- und Kriechstrecken Verification of clearances and creepage distances
8.2.6	Nachweis der mechanischen Funktion Verification of mechanical operation
8.2.7	Nachweis der Schutzart Verification of degree of protection
8.2.9	Nachweis der Beständigkeit von Isolierstoffen gegen außergewöhnliche Wärme und Feuer Verification of the resistance of insulating materials to abnormal heat and fire (glow-wire test)

Anmerkung: EMV-Prüfungen nach Kapitel 8.2.8 sind nicht erforderlich, da die Forderungen der o.g. Normen, Abschnitt 7.10.2 a) und b), eingehalten werden.

Remark: No EMC tests according to clause 8.2.8 are required because the demands of the a.m. standards, clause 7.10.2 a) and b), are observed.

Die einzelnen Prüfungen sind jeweils in einem Typprüfbericht dokumentiert. Eine aktuelle Liste aller Typprüfberichte liegt beim Hersteller vor.

Each of the individual tests is documented in a type test report. An actual list of all type test reports is available at the manufacturer.

Nürnberg, 19.06.07
(Ort und Datum der Ausstellung /
Place and date of issue)

Dr. Franke
Leiter R&D

Koschmieder
Leiter Produktmanagement

(Name, Funktion und Unterschrift des Befugten /
name, function and signature of authorized person)

ALPHA 630 UNIVERSAL WALL AND FLOOR- MOUNTED DISTRIBUTION BOARDS

2



ALPHA 630 UNIVERSAL Wall and Floor-Mounted Distribution Boards

General Data

Distribution Boards

3/4	Introduction
3/8	Flat Pack modular distribution boards
3/10	Preassembled distribution boards
3/12	Assembly kits
3/14	Assembly kits for circuit-breakers and switch disconnectors
3/18	Covers for modular devices and supports
3/19	Covers and standard mounting rails
3/20	Busbar systems
3/21	Copper busbars
3/22	Wiring systems
3/24	Mounting plates
3/25	Partitions
3/26	Terminal block supports
3/27	Locking systems
3/28	Further accessories
3/29	Admissible power loss
3/31	Dimensional drawings
3/35	Technical description (specifications)



And everything is neatly arranged.

ALPHA 630 UNIVERSAL Wall and Floor-Mounted Distribution Boards



■ The components can be installed easily with the aid of a simple screwdriver.

■ The modular design facilitates design work, dimensioning, assembly and making changes in the course of the installation process. Everything is extremely easy and practical.

ALPHA 630 UNIVERSAL Wall and Floor-Mounted Distribution Boards

General Data

Introduction

3

Overview

The ALPHA series of wall and floor-mounted distribution boards with a depth of 250 mm is suitable for the installation of modular installation devices with a mounting depth of 55 mm and 70 mm and circuit-breakers in the 3VF and SENTRON VL ranges up to 630 A. It finds application wherever a depth of 140 mm is no longer sufficient. The Flat Pack and preassembled versions of these distribution boards are available in widths of W300, W600, W600 + 250 and W900 and in heights of up to 2000 mm. Degree of protection IP30 without door and IP43 with transparent or sheet-steel door. The transparent doors are supplied in both standard and Giugiaro design. ALPHA distribution boards are also available in the same sizes in a preassembled version with degree of protection IP55.

System

The modular design of our new Siemens distribution board system draws on our long-term experience in the sector of distribution boards. It takes the installation modalities dictated by the market into account and therefore has been conceived to facilitate the installation technician's work.

The system includes a Flat Pack concept enclosure with degree of protection IP43. For degree of protection IP55 the distribution boards are also supplied in a welded, preassembled version.

Enclosure

Material: Electrogalvanized and powder-coated sheet steel.

Color: RAL 7035 (light gray)

Further RAL colors are available upon request.

Flat Pack

As an innovative element Siemens has introduced a new delivery option for the ALPHA distribution board product range.

FLAT PACK means that the distribution boards are delivered as single parts together with their mounting accessories, screws and mounting instructions in a single cardboard box.

This package has been designed to take up less room in the store. This means greatly reduced overall dimensions. The height of each individual package is 75 mm. The individual components can be assembled quickly, either on the wall or on a bench. All you need is a screwdriver. The advantages are clearly visible: time saving and less space needed on the shelves.



Benefits

- Flat Pack (modular version with facilitated assembly of the kits for modular units, busbar systems etc.).
- Easy design work thanks to the modular concept.
- Complete supply program for any installation requirement.
- Lateral access and possibility to fit cable compartments on either the right or left hand side.
- Facilitated wiring installation thanks to the Flat Pack structure fully open on the sides.
- Quick assembly with the aid of standard mounting rails and the quick-assembly kit.
- Enclosure of stable sheet steel.
- Degree of protection: IP30 without door/IP43 with transparent or sheet-steel door for the Flat Pack version; IP30 without door/IP55 with transparent or sheet-steel door for the preassembled version.
- Safety class I
- Doors can be hinged on the right or left.
- Door opening angle of 170°.
- Replaceable locking systems (accessories).
- Modern design by Giugiaro.



ALPHA 630 UNIVERSAL Wall and Floor-Mounted Distribution Boards

General Data

Introduction

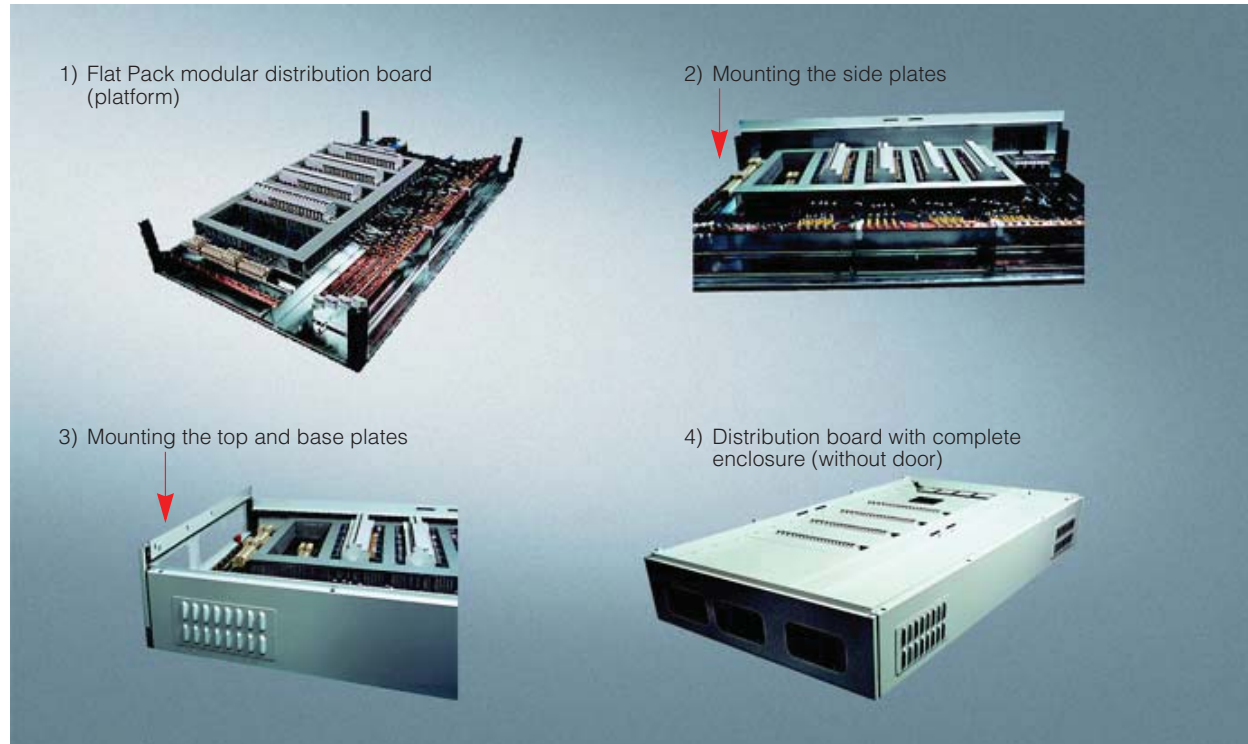
Design

Platform concept

The "platform" is the rear part of the distribution board featuring internal supports which are designed to allow all components in the ALPHA range to be mounted on them. The user can assemble the internal parts (kits for boxed switches, kits for modular components, kits with terminal supports and more) directly onto the "platform" and, after the wiring, proceed with the installation of the remaining parts of the enclosure.

It is therefore no longer necessary to install the wired frame inside the structure. However, full accessibility is ensured during the assembly and wiring operations. The advantage of being able to fit the remaining parts of the enclosure at a later stage also makes it possible to prevent damage to the coating or other aesthetic damage.

3



Overview

ALPHA 630 UNIVERSAL is a newly designed distribution board which is suitable for subordinate distribution of low-voltage power. It has been conceived to work in low rated current conditions: rated currents up to 630 A, short-circuit currents up to 25 kA.

The distribution board is available in two versions: either in the modular FLAT PACK version for quick assembly at the bench on a "platform", i.e. without side plates and upper/lower cover, which can be added later on (for degree of protection IP43 with door), or in the preassembled version for degree of protection IP55 with a door. In either version, the board is designed to accommodate a wide range of low voltage devices (modular installation devices, control switches, circuit-breakers, etc.).

It adapts readily to any dimensional requirements thanks to its compact external dimensions.

ALPHA 630 UNIVERSAL distribution boards are suitable for installation in residential, non-residential and industrial buildings.

General features of the Flat Pack distribution boards

- Distribution boards with FLAT PACK modular enclosure structure (supplied as loose parts)
- Standard color: RAL 7035
- Degree of protection: IP30/IP43
- Styled in Giugiaro design
- Wired on platform
- Compliance to standards: EN 60439-1, IEC 60439-1

General features of the preassembled distribution boards

- Distribution boards with preassembled enclosure structure
- Standard color: RAL 7035
- Degree of protection: IP30/IP55
- Styled in Giugiaro design
- Compliance to standards: EN 60439-1, IEC 60439-1
- Possibility to have integrated busbar/cable compartment
- Wall- and floor-mounted installation

Technical features

- Rated insulation voltage U_i : 690 V AC
- Rated operational voltage U_o : 690 V AC
- Rated impulse voltage U_{imp} : 6 kV
- Rated frequency: 50 Hz
- Rated current: up to 630 A
- Admissible short-time current I_{cw} : 25 kA
- Max. admissible rated peak current I_{pk} : 53 kA
- Safety class I: PE/ground terminal

Dimensional features

- Height: from 600 to 2000 mm (internal)
- Depth: 250 mm (external)
- Three basic dimensions: 300, 600, 900 mm (internal)
- Selectable mounting rail spacing for modular devices: 150 mm, 200 mm
- Facilitated installation

Technical design

Constructional features

Enclosure

- Available as FLAT PACK modular distribution boards and preassembled distribution boards, either wall-mounted or floor-mounted
- Upper plate fastened with screws, can be removed for work on site (for fastening system components)
- Cable inlet plates made of sheet steel
- Front covers, hinged or fixed
- Side plates available with ventilation holes, IP30
- Doors: in coated sheet steel or transparent; transparent doors can be plain or styled in Giugiaro design

Internal supporting structure

- Mounting uprights made of sheet steel; profile with 25 mm spaced holes according to DIN 43660
- Assembly kits comprising: mounting plate made of sendzimir-galvanized sheet steel, cover with fixing components

Coating:

- Base material: electrogalvanized sheet steel
- Coating: powder coating, color RAL 7035 (or other RAL color by request)

Busbar systems

- Comprising 5 or 10 mm thick copper bars with a rectangular section and rounded edges
- Fastening options: front horizontal, lateral vertical or rear vertical
- Busbar supports with high short-circuit strength
- Copper busbars, with holes for connecting branch-off cables or bars

طلب معاينة مواد / معدات

الاستشاري: جماعة المهندسين الاستشاريين

المالك: وزارة الاتصالات و تكنولوجيا المعلومات

مقدم من :	موجه الى :
اسم وتوقيع المرسل: مهندس/	اسم وتوقيع المستلم:
بتاريخ: 2018/ 10 / 25	بتاريخ: 2018/ 10 / 25

إصدار رقم: 00

رقم النموذج: MAT-INS/ DC-B2 /SEC.1-P.S/ P.S.11 /017

برجاء التكرم بمعاينة واستلام المواد الآتي ذكرها تمهيدا لمتابعة الأعمال:

نوع العمل مدني ☐ معماري ☐ كهرباء ☒ ميكانيكا ☐

مرجع نموذج الاعتماد : : MAT/DC-B2/SEC.1- P.S/P.S.02&P.S.11 /002

تفاصيل الأعمال: معاينة كابل السويدي 3x10
والمرفق بأذن الصرف الخاص بها

بتاريخ : 25/10/2018

علما بأن الكابلات المذكورة جاهزة للمعاينة بالمخزن/ بالموقع

ساعة : 01:00 PM

الاستشاري المختص	الإعتماد بواسطة:	التوقيع:	بتاريخ: 2018/ 10 / 28
الملاحظات	تم معاينة الكابل المورد وهو مطابق للاختيار الفني		

Approvals

اعتماد الاستشاري	م/	بتاريخ: 2018/ 10 / 28
استلام المقاول	الاستلام بواسطة	بتاريخ: 2018/ 10 / 28

25 OCT 2018

انشاء مركز المعلومات بمبنى التدريب
B2 بالقرية الذكية

طلب معاينة مواد / معدات

المالك: وزارة الاتصالات و تكنولوجيا المعلومات الاستشاري: جماعة المهندسين الاستشاريين

مقدم من :	موجه إلى:
أسم وتوقيع المرسل: مهندس / وضيح فاروق	أسم وتوقيع المستلم: محمد يوسف
بتاريخ: 2018/ 8 / 25	بتاريخ: 2018/ 8 / 25

إصدار رقم: 00

رقم النموذج: MAT-INS/ DC-B2 /SEC.1-P.S/ P.S.11 /009

برجاء التكرم بمعاينة واستلام المواد الآتي ذكرها تمهيدا لمتابعة الأعمال:

نوع العمل ☐ مدني ☐ معماري ☐ كهرباء ☒ ميكانيكا ☐

مرجع نموذج الاعتماد : : MAT/DC-B2/SEC.1- P.S/P.S.02&P.S.11 /002

تفاصيل الأعمال: معاينة كابل أرضي السويدي 3x240+120 والمرفق بأذن الصرف الخاص بها

بتاريخ : 25/08/2018

علما بأن الكابلات المذكورة جاهزة للمعاينة بالمخزن/ بالموقع

ساعة : 02:00 PM

الاستشاري المختص	الإعتماد بواسطة:	التوقيع:	بتاريخ
الملاحظات	تم معاينة الكابلات المذكورة في مخزن المواد بالموقع بتاريخ 25/08/2018 الساعة 02:00 PM		

أ = معتمد ☒

ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى ☐

د = الطلب مرفوض ويعاد التقديم مرة أخرى ☐

اعتماد الاستشاري	م/	بتاريخ
استلام المقاول	الاستلام بواسطة	بتاريخ

انشاء مركز المعلومات بمبنى التدريب
B2 بالقرية الذكية

طلب معاينة مواد / معدات

المالك: وزارة الاتصالات و تكنولوجيا المعلومات الاستشاري: جماعة المهندسين الاستشاريين

مقدم من :	موجه إلى:
أسم وتوقيع المرسل: مهندس/	أسم وتوقيع المستلم:
بتاريخ: 2018/ 10 / 25	بتاريخ: 2018/ 10 / 25

إصدار رقم: 00

رقم النموذج: MAT-INS/ DC-B2 /SEC.1-P.S/ P.S.11 /017

برجاء التكرم بمعاينة واستلام المواد الآتي ذكرها تمهيدا لمتابعة الأعمال:

نوع العمل ☐ مدني ☐ معماري ☒ كهرباء ☐ ميكانيكا

مرجع نموذج الاعتماد : : MAT/DC-B2/SEC.1- P.S/P.S.02&P.S.11 /002

تفاصيل الأعمال: معاينة كابل السويدي 3x10
والمرقף بأذن الصرف الخاص بها

بتاريخ : 25/10/2018

علما بأن الكابلات المذكورة جاهزة للمعاينة بالمخزن/ بالموقع

ساعة : 01:00 PM

الاستشاري المختص	الإعتماد بواسطة:	التوقيع:	بتاريخ
2018/ 10 / 28			
الملاحظات تم معاينة الكابلات المورد وهو مطابق للاختيار الفني كما أنه تم الشؤن طبقا للرسومات التنفيذية المرفقة			

أ = معتمد ☒ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى ☐د = الطلب مرفوض ويعاد التقديم مرة أخرى ☐

اعتماد الاستشاري	م/	بتاريخ
2018/ 10 / 28		
استلام المقاول	الاستلام بواسطة	بتاريخ
2018/ 10 / 28		

25 OCT 2018

مشروع إنشاء مركز المعلومات
بمبنى التدريب B2 بالقوية الذكية

طلب اعتماد مواد

المالك: وزارة الاتصالات و تكنولوجيا المعلومات	الاستشاري: جماعة المهندسين الاستشاريين
مقدم من: م/ وافي فاروق	موجه إلى: م/ اشرف كمال
اسم وتوقيع المرسل: مهندس / وافي فاروق	اسم وتوقيع المستلم:
بتاريخ: 2018/ 3 / 12	بتاريخ: 2018/ 3 / 12

رقم النموذج: MAT/DC-B2 / SEC.1-P.S/P.S.2 & P.S.11/001 إصدار رقم: 00

عنوان النموذج: (SEC.1-P.S) SECTION 1: POWER SYSTEMS		عدد النسخ	البيان / الوصف	المصنع / البك / الصنع	رمز المواصفات	رمز المقايضة
مسلسل		2	P.S.2 SUPPLY & INSTALL MEDIUM VOLTAGE CABLES (18/30) KV 12/20			Items 3 to 4
			P.S.11 SUPPLY & INSTALL LOW VOLTAGE CABLES (0.6/1) KV			Items 82 to 101

تعتمد المقاول: المستندات المرفقة تم تدقيقها ومراجعتها من حيث تطابقها مع العقد وتعتبر مقبولة للاستخدام في هذا المشروع من قبل المقاول

الاستشاري المختص	الإعتماد بواسطة:	التوقيع:	بتاريخ: 2018 / 3 / 14
الملاحظات	* Attached here with the comment		

ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى ☐ ☐ = معتمد

د = الطلب مرفوض ويعاد التقديم مرة أخرى ☐ ☒ = معتمد مع ملاحظات. يمكن للعمل أن يستمر بناء على الملاحظات

اعتماد الاستشاري	بتاريخ: 2018 / 3 / 14	اسم: ASHRAF
استلام المقاول	بتاريخ: 2018 / 3 / 15	اسم: طارق محمد

التوزيع قبل الاعتماد: التوزيع بعد الاعتماد

No.	المالك	الاستشاري	المالك	المقاول	الاستشاري

ECG ENGINEERING CONSULTANTS GROUP S.A.
Data Center P. 2526
B: APPROVED AS NOTED
A WORK MAY BE SUBJECT TO INCORPORATION
IF CHANGES INDICATED
Date: 14/3/2019

مستندات تنفيذ المشروع (2)				الشركة القابضة لمصر للطيران	
5/2/2016/2017	امر اسناد رقم			قطاع المشروعات وصيانة المنشآت الإدارة العامة لتنفيذ المشروعات	
21-Sep-20	بتاريخ	إنشاء مبنى مصر للطيران للخدمات الأرضية مطار 3		عملية :	
(937)	مسلسل الطلب	شركة مصر للطيران للخدمات الأرضية		المالك :	
Rev : 00		شركة الفا للصناعات والتشييد		المقاول العمومي	
		طلب اعتماد		نوع الطلب :	
<input type="radio"/> للحفاظ	<input type="radio"/> للدراسة والإفادة	<input type="radio"/> للعلم	<input type="radio"/> للإعتماد قبل التنفيذ	أهداف الطلب	
			<input type="radio"/> للمراجعة قبل الإعتماد		
ميكانكا	تكييف	صحي	اتصالات	كهربائية	معمارية
ادارة	انشائية	معمارية	كهربائية	اتصالات	صحي
○ MECH	○ FI	○ AC	○ PL	○ CO	● EL
○ MG	○ ST	○ AR	○ EL	○ CO	○ PL

المهندس / رشا عز الدين (مدير المشروع)
تحية طيبة وبعد ؟؟؟

برجاء التكرم باتخاذ اللازم نحو المرفقات المقدمة لسيادتكم طيه
حسبما هو وارد أدناه وطبقاً للمطلوب أعلاه :-

م	نوعية المرفقات	وصف بيان المرفقات
1	أخرى	العرض الفني الخاص باللوحات التالية :- - لوحات الخدمة الخاصة بالموقع العام بند تعاقدى رقم (36) - لوحات الكهرباء الخاصة بتشغيل الإنارة الخارجية بوجهات المباني

أولاً : بيانات عامة :-

عن المقاول	عن جهاز الإشراف من مصر للطيران
مهندس التنفيذ مهندس : محمد هلال التوقيع : التاريخ : 2020 / 9 / 24	مهندس : التوقيع : التاريخ : 2020 / /

رأى جهاز الإشراف	يعتمد (A)	يعتمد مع ملاحظة على ان يتم استيفاء الملاحظات في خلال اسبوع ويستمر العمل (B)	مرفوض مع ملاحظة (C)	مرفوض (D)
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

الملاحظات: لوحة الخدمة و لرمانيه مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 1 - الخلية مد 500 IP52 7 تقريبا 2 - اضاءة من اضاءه مصر ترتيب رافل للوه بالمرحله 3 - تقديم عينات البرابر الصاعيه ليقوم المستخدمه وقتاً للمركبات المدفوعه لاصا 4 - تسليم الرسم التنفيذى للوه مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 5 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 6 - المقادير المدفوعه 7 - اضاءه مصر ترتيب رافل للوه بالمرحله 8 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 9 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 10 - المقادير المدفوعه 11 - اضاءه مصر ترتيب رافل للوه بالمرحله 12 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 13 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 14 - المقادير المدفوعه 15 - اضاءه مصر ترتيب رافل للوه بالمرحله 16 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 17 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 18 - المقادير المدفوعه 19 - اضاءه مصر ترتيب رافل للوه بالمرحله 20 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 21 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 22 - المقادير المدفوعه 23 - اضاءه مصر ترتيب رافل للوه بالمرحله 24 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 25 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 26 - المقادير المدفوعه 27 - اضاءه مصر ترتيب رافل للوه بالمرحله 28 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 29 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 30 - المقادير المدفوعه 31 - اضاءه مصر ترتيب رافل للوه بالمرحله 32 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 33 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 34 - المقادير المدفوعه 35 - اضاءه مصر ترتيب رافل للوه بالمرحله 36 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 37 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 38 - المقادير المدفوعه 39 - اضاءه مصر ترتيب رافل للوه بالمرحله 40 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 41 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 42 - المقادير المدفوعه 43 - اضاءه مصر ترتيب رافل للوه بالمرحله 44 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 45 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 46 - المقادير المدفوعه 47 - اضاءه مصر ترتيب رافل للوه بالمرحله 48 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 49 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 50 - المقادير المدفوعه 51 - اضاءه مصر ترتيب رافل للوه بالمرحله 52 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 53 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 54 - المقادير المدفوعه 55 - اضاءه مصر ترتيب رافل للوه بالمرحله 56 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 57 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 58 - المقادير المدفوعه 59 - اضاءه مصر ترتيب رافل للوه بالمرحله 60 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 61 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 62 - المقادير المدفوعه 63 - اضاءه مصر ترتيب رافل للوه بالمرحله 64 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 65 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 66 - المقادير المدفوعه 67 - اضاءه مصر ترتيب رافل للوه بالمرحله 68 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 69 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 70 - المقادير المدفوعه 71 - اضاءه مصر ترتيب رافل للوه بالمرحله 72 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 73 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 74 - المقادير المدفوعه 75 - اضاءه مصر ترتيب رافل للوه بالمرحله 76 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 77 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 78 - المقادير المدفوعه 79 - اضاءه مصر ترتيب رافل للوه بالمرحله 80 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 81 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 82 - المقادير المدفوعه 83 - اضاءه مصر ترتيب رافل للوه بالمرحله 84 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 85 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 86 - المقادير المدفوعه 87 - اضاءه مصر ترتيب رافل للوه بالمرحله 88 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 89 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 90 - المقادير المدفوعه 91 - اضاءه مصر ترتيب رافل للوه بالمرحله 92 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 93 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 94 - المقادير المدفوعه 95 - اضاءه مصر ترتيب رافل للوه بالمرحله 96 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه 97 - ما نابع مد اعداد للمركبات على انه يتم تداركها في وقت لاحق بالمرحله 98 - المقادير المدفوعه 99 - اضاءه مصر ترتيب رافل للوه بالمرحله 100 - تقديم المقاول للمقاولين لمرحله مد 1 الى 10 اذ حجم الزقنار كما ان توريد لبرابر بجوانب لوه تحليل الموتره الجاربه

التوقيع

عن المقاول إستلمت الأصل
للتنفيذ طبقاً لما جاء به
مدير المشروع : الاسم :

ELECTRICAL TECHNICAL OFFER

To: Alpha CO.
Mob. 01004770608

Attention: Eng/ Mohamed Helal
Email: m.helal@alphainco.com

PROJECT

Supply Service Panel for Egypt Air Ground
Services buildings



ENGINEERING

MEDIUM VOLTAGE

LOW VOLTAGE

AUTOMATION

INSTRUMENTATION

ERECTION

COMMISSIONING

TECHNICAL
ASSISTANCE

MAINTENANCE

TRAINING

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I. Generalities

I.1 Introduction

This Electrical offer is based on the request from, which concerns supply LV panels for Egypt Air Grond Services bulidings Project- Cairo Airport 3.

I.2 Project Standards

The entire services will be carried out in accordance with the proper procedures and the current standards of IEC, EN, NFC and LOCAL CODES.



II. Scope of Work

II.1 Electrical Supplies

ASA's scope will include the following:

1. Supply Service Panels (QTY:6) with the following specifications:

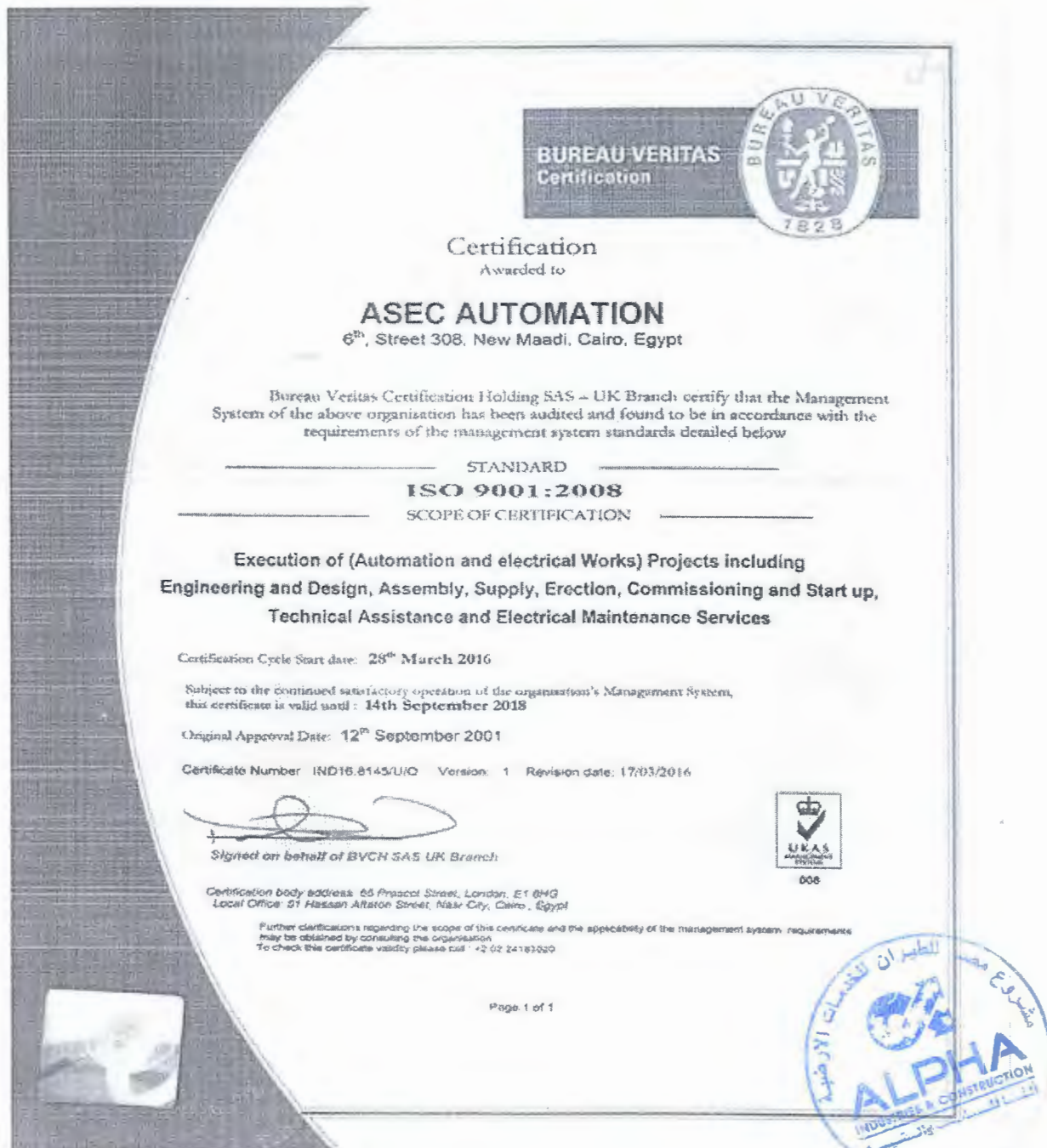
No.	Description	Type	Ref.	Manufacture	Unit	Qty
Panel Enclosure						
1	Wall Mounted Panel , IP 42, RAL 7035	<i>outdoor Type</i>		<i>إضافة ملاحظة من داخل الوحدة بالملحقات</i>		1
Components						
Incoming						
2	MCB, 63 A, 3 Ph			SIEMENS	Pcs	1
Outgoings						
3	MCB, 40 A, 3 Ph			SIEMENS	Pcs	1 ✓
4	MCB, 32 A, 1 Ph			SIEMENS	Pcs	1 ✓
5	MCB, 20 A, 1 Ph			SIEMENS	Pcs	2 ✓
6	Socket-400V-3P-40A, with Plug	<i>(5P) مخرج</i>		SCAME/Equivalent	Pcs	1 ✓
7	Socket-220V-2P-32A, with Plug	<i>with Earth</i>		SCAME/Equivalent	Pcs	1 ✓
8	Socket-220V-2P-20A, with Plug	<i>with Earth</i>		SCAME/Equivalent	Pcs	2 ✓
Accessories						
9	Copper, terminal blocks, connectors, lugs, wiring, ducts, metal work.....etc.				set	1

III. Limit of Scope (Exclusions)

- Our scope is limited to supply , Ex-work at our factory in Tibben, Cairo city.
- The following supplies and services are out of scope:
 - Cable ends accessories (glands, clamps,... etc.) or External connection cables.
 - Erection in site, connection, tests and commissioning.
 - Tools for maintenance or installation at the site.
 - Spare Parts.



IV. ASA Company ISO Certified)



V. Main References

- **FLS: Sinai Grey and Sinai White 1 & 2**
New Lines Sinai Cement Company SCC.
- **FLS: Qena line 1**
New Line Misr Cement Company MCC.
- **FLS: Line 1 & 2 upgrade**
Helwan Cement Company HCC.
- **LAFARGE: Rashadiya line A & B upgrade**
Jordan Cement Factory JCF.
- **LAFARGE: Fuhaise line 5 & 6 upgrade**
Jordan Cement Factory JCF.
- **LAFARGE: Honduras line 1 upgrade**
Honduras Cement Factory HCF.
- **FLS – Altakamol Cement Plant**
New Cement Line
- **FLS – ASEC MINYA Cement Plant**
New Cement Line



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ASA UAE

Al Jazeera Al-Hamra

Ras El Khaimah, 31291 UAE

Page: 8 of 9

ASA Pacific

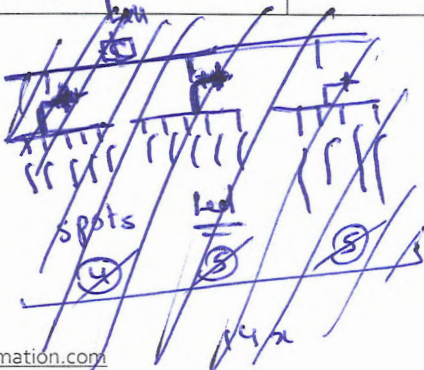
22 San Lorenzo Drive,

Makati Manila,

Philippines

3. Supply Lighting Panel (Qty. 4) with the following specifications:

No.	Description	Type	Ref.	Manufacture	Unit	Qty
Panel Enclosure						
1	Wall Mounted Panel , IP 42, RAL 7035					1
Components						
Incoming						
2	MCB, 63 A, 3 pole			SIEMENS	Pcs	1
3	Pilot lights 220Vac			SIEMENS/ or Equivalent	Pcs	3
4	MCB, 6 A, 1 pole			SIEMENS	Pcs	3
Outgoings						
5	MCB, 16 A, 1 pole			SIEMENS	Pcs	14
6	Contactor, 63 A, 3 pole			SIEMENS	Pcs	1
7	24 hour Timer			SIEMENS/ or Equivalent	Pcs	1
8	Pushbutton				Pcs	2
9	Control relay			SIEMENS/ or Equivalent	Pcs	2
10	Selector switch 3 postions				Pcs	1
Accessories						
11	Copper, terminal blocks, connectors, lugs, wiring, ducts, metal work.....etc.				set	1



III. Limit of Scope (Exclusions)

- Our scope is limited to supply , Ex-work at our factory in Tibben, Cairo city.
- The following supplies and services are out of scope:
 - Cable ends accessories (glands, clamps,... etc.) or External connection cables.
 - Erection in site, connection, tests and commissioning.
 - Tools for maintenance or installation at the site.
 - Spare Parts.



مستندات تنفيذ المشروع (2)				الشركة القابضة لمصر للطيران	
5/2/2016/2017	امر اسناد رقم			قطاع المشروعات وصيانة المنشآت الإدارة العامة لتنفيذ المشروعات	
22-Sep-20	بتاريخ	إنشاء مباني مصر للطيران للخدمات الأرضية مطار 3		عملية :	
(933)	مسلسل الطلب	شركة مصر للطيران للخدمات الأرضية		المالك :	
Rev : 01		شركة الفا للصناعات والتشييد		المقاول العمومي	
		طلب اعتماد		نوع الطلب :	
<input type="radio"/> للحفاظ	<input type="radio"/> للدراسة والإفادة	<input type="radio"/> للعلم	<input type="radio"/> للإعتماد قبل التنفيذ	أهداف الطلب	
			<input type="radio"/> للمراجعة قبل الإعتماد		
ميكنيكا	إطفاء	تكييف	صحي	اتصالات	كهربائية
<input type="radio"/> MECH	<input type="radio"/> FI	<input type="radio"/> AC	<input type="radio"/> PL	<input type="radio"/> CO	<input checked="" type="radio"/> EL
					<input type="radio"/> AR
					<input type="radio"/> ST
					<input type="radio"/> MG

المهندس / رشا عز الدين (مدير المشروع)

تحية طيبة وبعد ؛؛؛

برجاء التكرم باتخاذ اللازم نحو المرفقات المقدمة لسيادتكم طيه
حسبما هو وارد أدناه وطبقاً للمطلوب أعلاه :-



م	نوعية المرفقات	وصف بيان المرفقات
1	أخرى	التقديم الفني والمالي للوحات التشغيل التبادلي للتكييف العامة

أولاً : بيانات عامة :-

عن المقاول	مهندس التنفيذ
مدير المشروع مهندس : محمد هلال التوقيع : التاريخ : 2020 / /	مهندس : التوقيع : التاريخ : 2020 / /

رأى جهاز الإشراف	يعتمد (A)	يعتمد مع ملاحظة على ان يتم استيفاء الملاحظات في خلال اسبوع ويستمر العمل (B)	مرفوض مع ملاحظة (C)	مرفوض (D)
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

الملاحظات: لا مانع من اعتماد الشركة على انه يتبع تدارك ايراني

1- لا يوجد نقص في المواد والبضائع المطلوبة من قبل العميل

2- لا توجد مشكلة في الترخيص المطلوب من العميل

3- الموقت الزمني المستلزم من العميل المستلزم من العميل

4- جميع الملاحظات من العميل مستندة على ما ذكره في المرفقات

مدير المشروع (مصر للطيران)

يعتمد طبقاً لرأى جهاز الإشراف ويلتزم المقاول بتنفيذ كافة ما جاء به قبل التنفيذ

مهندس :
التوقيع :
التاريخ : 2020 / /

عن جهاز الإشراف لمصر للطيران

المهندس المشرف

مهندس :
التوقيع :
التاريخ : 2020 / 9 / 24

عن المقاول استلمت الأصل
للتنفيذ طبقاً لما جاء بهاليه
مدير المشروع : الاسم :

التوقيع

لہر (c) کی رفتار 4150

No.	Description	Type	Ref.	Manufacture	Unit	Qty
Panel Enclosure						
1	Wall Mounted Panel, IP 42, RAL 7035					1
Components						
Incoming						
3	Pilot lights 220Vac			SIEMENS/or Equivalent	Pcs	6
4	MCB, 6 A, 1 pole			SIEMENS	Pcs	6
Outgoings						
3	MCB, 32 A, 2 pole ✓			SIEMENS	Pcs	2
3	Contactor, 25 A, 3 pole ✓			SIEMENS	Pcs	2
4	24 hour Timer ✓			SIEMENS/or Equivalent	Pcs	1
5	Pilot lighting 220vac (ON/OFF) + MCB 6A				Pcs	4
Accessories						
7	Copper, terminal blocks, ✓ connectors, lugs, wiring, ducts, metal work.....etc.				set	1



Handwritten signature: *Dr. [illegible]*

5 HP (2) 5000 (2) 5000

2. Supply Air Condition Panel model No. 2 (Qty. 1) with the following specifications:

No.	Description	Type	Ref.	Manufacture	Unit	Qty
Panel Enclosure						
1	Wall Mounted Panel , IP 42, RAL 7035					1
Components						
Incoming						
6	Pilot lights 220Vac			SIEMENS/ or Equivalent	Pcs	6
7	MCB, 6 A, 1 pole			SIEMENS	Pcs	6
Outgoings						
2	MCB, 32 A, 2 pole			SIEMENS	Pcs	3
3	Contactor, 25 A, 3 pole			SIEMENS	Pcs	3
4	24 hour Timer			SIEMENS/ or Equivalent	Pcs	1
5	Control relay			SIEMENS/ or Equivalent	Pcs	2
Accessories						
8	Copper, terminal blocks, connectors, lugs, wiring, ducts, metal work.....etc.				set	1



Handwritten signature and date: 19/1/14

contact@asecautomation.com
asecautomation.com

ASA Headquarters
6, Road 308, New Maadi
11435 Cairo, Egypt
T +20 (2) 2704 2601/03/06
F +20 (2) 2730 2948

ASA UAE
Al Jazeera Al-Hamra
Ras El Khaimah, 31291 UAE

Page: 6 of 12

ASA Pacific
22 San Lorenzo Drive,
Makati Manila,
Phillipines

3. Supply Lighting Panel (Qty. 4) with the following specifications:

No.	Description	Type	Ref.	Manufacture	Unit	Qty
Panel Enclosure						
1	Wall Mounted Panel , IP 42, RAL 7035					1
Components						
Incoming						
2	MCB, 63 A, 3 pole			SIEMENS	Pcs	1
3	Pilot lights 220Vac			SIEMENS/ or Equivalent	Pcs	3
4	MCB, 6 A, 1 pole			SIEMENS	Pcs	3
Outgoings						
5	MCB, 16 A, 1 pole			SIEMENS	Pcs	14
6	Contactor, 63 A, 3 pole			SIEMENS	Pcs	1
7	24 hour Timer			SIEMENS/ or Equivalent	Pcs	1
8	Pushbutton				Pcs	2
9	Control relay			SIEMENS/ or Equivalent	Pcs	2
10	Selector switch <u>3 positions</u>				Pcs	1
Accessories						
11	Copper, terminal blocks, connectors, lugs, wiring, ducts, metal work.....etc.				set	1



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Al Jazeera Al-Hamra
Ras El Khaimah, 31291 UAE

Page: 7 of 12

ASA Pacific
22 San Lorenzo Drive,
Makati Manila,
Phillpines

III. Limit of Scope (Exclusions)

- Our scope is limited to supply , Ex-work at our factory in Tibben, Cairo city.
- The following supplies and services are out of scope:
 - Cable ends accessories (glands, clamps,... etc.) or External connection cables.
 - Erection in site, connection, tests and commissioning.
 - Tools for maintenance or installation at the site.
 - Spare Parts.



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ASA UAE
Al Jazeera Al-Hamra
Ras El Khaimah, 31291 UAE

Page: 8 of 12

ASA Pacific
22 San Lorenzo Drive
Makati Manila,
Philippines

انشاء مركز المعلومات بمبنى التدريب B2 بالقرية الذكية

طلب معاينة مواد / معدات

المالك: وزارة الاتصالات و تكنولوجيا المعلومات	الاستشاري: جماعة المهندسين الاستشاريين
مقدم من:	موجه إلى:
أسم وتوقيع المرسل: مهندس / محمد / وظيفه فاعول	أسم وتوقيع المستلم:
2018/ 7 / 10	2018/ 10 / 18
بتاريخ:	بتاريخ:

إصدار رقم: 00

رقم النموذج: MAT-INS/ DC-B2 / SEC.1-P.S/P.S.13 /004

برجاء التكرم بمعاينة واستلام المواد الآتي ذكرها تمهيدا لمتابعة الأعمال:

نوع العمل مدني معماري كهرباء ميكانيكا

مرجع نموذج الاعتماد : : MAT/ DC-B2/SEC.1-P.S/P.S.13/006

تفاصيل الأعمال: معاينة الكابل لادر 70 سم & 70 سم & تسعينة 70 سم
المرفقة باذن الصرف

علمنا بأن المواد المذكورة جاهزة للمعاينة بالمخزن/ بالموقع بتاريخ : 2018/10/07
ساعة 11:00 AM

التاريخ 2018/10/8	التوقيع:	الاعتماد بواسطة:	الاستشاري المختص
الملاحظات:			

أ = معتمد

ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى

د = الطالب مرفوض ويعاد التقديم مرة أخرى

اعتماد الاستشاري	م / <u>Ashraf</u>	بتاريخ 2008/10/8
استلام المقاول	الاستلام بواسطة <u>Cham</u>	بتاريخ 2008/10/8

انشاء مركز المعلومات بمبنى التدريب B2 بالقريبة الذكية

طلب معاينة مواد / معدات

المالك: وزارة الاتصالات و تكنولوجيا المعلومات	الاستشاري: جماعة المهندسين الاستشاريين
مقدم من:	موجه إلى:
أسم وتوقيع المرسل: مهندس/ <i>عبدالله محمد بديع</i>	أسم وتوقيع المستلم: <i>محمد يوسف</i>
بتاريخ: 2018/ 9 / 22	بتاريخ: 2018/ 9 / 22

إصدار رقم: 00

رقم النموذج: MAT-INS/ DC-B2 /SEC.1-P.S/ P.S.16 /004

برجاء التكرم بمعاينة واستلام المواد الآتي ذكرها تمهيدا لمتابعة الأعمال:

نوع العمل ☐ مدني ☐ معماري ☐ كهرباء ☒ ميكانيكا ☐

مرجع نموذج الاعتماد : : MAT/DC-B2/SEC.1- P.S/ P.S.16 /002

تفاصيل الأعمال: معاينة علبة معدنية مصنعة لتثبيت البرايز المزدوجة
والمرفق بأذن الصرف الخاص بها

بتاريخ: 22/09/2018

علما بأن الكابلات المذكورة جاهزة للمعاينة بالمخزن/ بالموقع

ساعة: 04:00 PM

الاستشاري المختص	الإعتماد بواسطة:	التوقيع:	بتاريخ
<i>أ. ش. ش.</i>	<i>أ. ش. ش.</i>	<i>أ. ش. ش.</i>	2018/ 9 / 23
الملاحظات			
العلب المروره مكتبة للاعتماد مع مراعاة ان تكون مروره Earthling terminal			

أ = معتمد ☒ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى ☐د = الطلب مرفوض ويعاد التقديم مرة أخرى ☐

اعتماد الاستشاري	م/ <i>أ. ش. ش.</i>	بتاريخ
استلام المفاوض	الاستلام بواسطة <i>أ. ش. ش.</i>	بتاريخ
		2018/ 9 / 23

مشروع إنشاء مركز المعلومات
بمبنى التدريب B2 بالقريبة الذكية

طلب اعتماد مواد

المالك: وزارة الاتصالات و تكنولوجيا المعلومات الاستشاري: جماعة المهندسين الاستشاريين

مقدم من : م/ و فيق فاروق	موجه إلى: م/ اشرف كمال
أسم وتوقيع المرسل: مهندس/	أسم وتوقيع المستلم: محمد يوسف
بتاريخ: 2018/ 9 / 2	بتاريخ: 2018/ 9 / 3

إصدار رقم: 00

رقم النموذج: MAT/ DC-B2/SEC.1-PS/PS.16/ 003

عنوان النموذج / SECTION 1: POWER SYSTEMS				
مسلسل	عدد النسخ	البيان / الوصف	المصنع/ بلد	رمز المواصفات
2		عليه معدنيه مصنعه محليا لتركيب البرايز المزدوجه " DUPLEX "		ITEM 132



تعهد المقاول: المستندات المرفقة تم تنسيقها ومراجعتها من حيث تطابقها مع العقد وتعتبر مقبولة للاستخدام في هذا المشروع من قبل المقاول

By Date: 2018/ 9 / 3

2018 / 9 / 3	بتاريخ	الاستشاري المختص
الملاحظات		
Approved & should be used by Bartling terminal 1		

ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى ☐

أ = معتمد ☒

د = الطلب مرفوض ويعاد التقديم مرة أخرى ☐

ب = معتمد مع ملاحظات. يمكن للعمل أن يستمر بناء على الملاحظات ☐

2018 / 9 / 3	بتاريخ	اعتماد الاستشاري
2018 / 9 / 3	بتاريخ	استلام المقاول

التوزيع قبل الاعتماد : التوزيع بعد الاعتماد

No.	المالك	الاستشاري	المالك	المقاول	الاستشاري				
					مدني	معماري	كهرباء	تكييف	ميكانيكا
					Q.S	تخطيط			

انشاء مركز المعلومات بمبنى التدريب
B2 بالقرية الذكية

طلب معاينة مواد / معدات

المالك: وزارة الاتصالات و تكنولوجيا المعلومات	الاستشاري: جماعة المهندسين الاستشاريين
مقدم من:	وجه إلى:
أسم وتوقيع المرسل: مهندس/ محمد احمد محمد ابو الوبح	أسم وتوقيع المستلم: محمد جلال
بتاريخ: 2018/ 7 / 17	بتاريخ: 2018/ 7 / 17

رقم النموذج: MAT-INS/ DC-B2 / SEC.1-P.S/P.S.13 /001 إصدار رقم: 00

برجاء التكرم بمعاينة واستلام المواد الآتي ذكرها تمهيدا لمتابعة الأعمال:

نوع العمل

مدني ☐ معماري ☐ كهرباء ☒ ميكانيكا ☐

مرجع نموذج الاعتماد :: MAT/ DC-B2/SEC.1-P.S/P.S.13/003

تفاصيل الأعمال: معاينة التريهات واللائحات المرفقة باذن الصرف

بتاريخ : 2018/07/17

علما بأن المواد المذكورة جاهزة للمعاينة بالمخزن/ بالموقع

ساعة 01:00 PM

الاستشاري المختص	الإعتماد بواسطة:	التوقيع:	بتاريخ
محمد جلال	محمد جلال	محمد جلال	2018/ 7/18
الملاحظات			
تم معاينة التريهات الموجودة خلف اللوح المرفق به وهي مقبولة فئاتها الفحص الظاهري وتم التأكد من صحتها ! كما أنه يتم التفتيش حسب الرسومات التفصيلية المرفقة.			

أ = معتمد ☒

ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى ☐

د = الطلب مرفوض ويعاد التقديم مرة أخرى ☐

اعتماد الاستشاري	م/	بتاريخ
استلام المقاتول	الاستلام بواسطة	2018/ 7/18
		200 / /



17 JUL 2018

مشروع إنشاء مركز المعلومات
بمبنى التدريب B2 بالقرية الذكية

والادارة والصيانة

طلب اعتماد مواد


المالك: وزارة الاتصالات و تكنولوجيا المعلومات الاستشاري: جماعة المهندسين الاستشاريين

مقدم من : م/ وافي فاروق	وجه إلى : م/ اشرف كمال
اسم وتوقيع المرسل : مهندس / 	اسم وتوقيع المستلم : 
بتاريخ : 2018/ 6/ 27	بتاريخ : 2018/ 7/ 28

إصدار رقم: 00

رقم النموذج: MAT/ DC-B2/SEC.1-P.S/P.S.13/003

عنوان النموذج / SEC.1-POWER SYSTEM		حسب مستندات التعاقد	يديل
ممسلسل	عدد النسخ	البيان/ الوصف	رمز المصنع/ بلد المصنع
	2	CABLE LADDER TYPE INCLUDING ALL ACCESSORIES CABLE TRAY Perforated CABLE TRUNKING SYSTEM	رمز المواصفات
		EGTRAY	رمز المقايمة
			Items 110 & 109


مراجعة الهندسة والاستشارات
 ENGINEERING CONSULTANTS GROUP S.A.
 Data Center P. 2526

مرفق عينات من التزيهات

B: APPROVED AS NOTED
تمتد المقاول: المستندات المرفقة تم تنسيقها ومراجعتها من حيث تطابقها مع النسخة الأصلية من المشروع. لا توجد ملاحظات أو تغييرات.

BY CHANGES INDICATED		Date		الإعتماد يوم المنظر		الاستشاري المختص	
By		التوقيع		sk			
Permission to proceed does not relieve the contractor from his contractual obligations.		الملاحظات					
Attached herewith the Comments							

☐ أ = معتمد
☒ ب = معتمد مع ملاحظات. يمكن للعمل أن يستمر بناء على الملاحظات
☒ ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى
☒ د = الطلب مرفوض ويعاد التقديم مرة أخرى

اعتماد الاستشاري	١٢	بتاريخ 2018 / 1 /
استلام المقاول	الاستلام بواسطة	بتاريخ 2018 / 6 / 28

التوزيع قبل الاعتماد : التوزيع بعد الاعتماد

No.	المالك	الاستشاري	المالك	المقاول
الاستشاري				
مديني	معماري	كهرياء	تكيف	ميكانكا
Q.S	تخطيط			

ECG GROUP S.A.
ENGINEERING CONSULTANTS GROUP S.A.
Data Center P. 2526
C: REVISE AND RESUBMIT
WORK SHALL NOT PROCEED
By: _____ Date: _____

D: REJECTED
By: _____ Date: _____
Permission to proceed does not relieve the contractor from his contractual obligations

انشاء مركز المعلومات بمبنى التدريب
B2 بالقرية الذكية

طلب معاينة مواد / معدات

المالك: وزارة الاتصالات و تكنولوجيا المعلومات	الاستشاري: جماعة المهندسين الاستشاريين
مقدم من:	موجه إلى:
أسم وتوقيع المرسل: مهندس /	أسم وتوقيع المستلم:
بتاريخ: 2018/ 8 / 16	بتاريخ: 2018/ 8 / 17

رقم النموذج: MAT-INS/ DC-B2 / SEC.1-P.S/P.S.13 /002 إصدار رقم: 00

برجاء التكرم بمعاينة واستلام المواد الآتي ذكرها تمهيدا لمتابعة الأعمال:

نوع العمل	مدني	معماري	كهرباء	✓	ميكانيكا
مرجع نموذج الاعتماد :	MAT/ DC-B2/SEC.1-P.S/P.S.13/003				
تفاصيل الأعمال: معاينة	Cable Tray White System & Cable TRUNKING System				
المرفقه باذن الصرف					
علما بأن المواد المذكورة جاهزة للمعاينة بالمخزن/ بالموقع	بتاريخ: 2018/08/16				
	ساعة 01:00 PM				

الاستشاري المختص	الإعتماد بواسطة:	التوقيع:	بتاريخ
2018/ 8 / 18			
الملاحظات			
تم فحص المواد المذكورة والموردة وصحة طاقته وقبوله فتم تأكيد صحة الشئ طبقاً لرسالة التفصيل المعتمدة			

أ = معتمد ☒

ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى ☐

د = الطلب مرفوض ويعاد التقديم مرة أخرى ☐

اعتماد الاستشاري	م /	بتاريخ
200 / 8 / 18		
استلام المفاوض	الاستلام بواسطة	بتاريخ
200 / 8 / 18		

انشاء مركز المعلومات بمبنى التدريب
B2 بالقريبة الذكية

طلب معاينة مواد / معدات

المالك: وزارة الاتصالات و تكنولوجيا المعلومات الاستشاري: جماعة المهندسين الاستشاريين

مقدم من:	وجه إلى:
أسم وتوقيع المرسل: مهندس / <u>عبد الحليم أبو الدخ</u>	أسم وتوقيع المستلم: <u>محمد يوسف</u>
بتاريخ: 2018/ 9 / 20	بتاريخ: 2018/ 9 / 20

إصدار رقم: 00

رقم النموذج: MAT-INS/ DC-B2 /SEC.1-P.S/ P.S.11 /012

يرجاء التكرم بمعاينة واستلام المواد الآتي ذكرها تمهيدا لمتابعة الأعمال:

نوع العمل ☐ مدني ☐ معماري ☒ كهرباء ☐ ميكانيكا ☐

مرجع نموذج الاعتماد : : MAT/DC-B2/SEC.1- P.S/P.S.02&P.S.11 /002

تفاصيل الأعمال: معاينة كابل ارث السويدي 1x120 y/g الخاصة بالمولدات والمرفقة بأذن الصرف الخاص بها

بتاريخ : 20/09/2018

علما بأن الكابلات المذكورة جاهزة للمعاينة بالمخزن/ بالموقع

ساعة : 01:00 PM

الاستشاري المختص	الإعتماد بواسطة:	التوقيع:	بتاريخ
<u>ك. ش. ش.</u>	<u>أ. ش. ش.</u>	<u>أ. ش. ش.</u>	2018/ 9 / 20
الملاحظات			
الكابل المذكور جاهز للمعاينة بالمخزن/ بالموقع			

☒ أ = معتمد

☐ ج = معتمد مع ملاحظات ويعاد التقديم مرة أخرى

☐ د = الطلب مرفوض ويعاد التقديم مرة أخرى

اعتماد الاستشاري	م/ <u>أ. ش. ش.</u>	بتاريخ
200 / 9 / 20		
استلام المقاول	الاستلام بواسطة	بتاريخ
	<u>أ. ش. ش.</u>	200 / 9 / 20

Column, bar, and pie charts compare values in a single category, such as the number of products sold by each salesperson. Pie charts show each category's value as a percentage of the whole.

Column Chart



Reference List

- **FLS: Sinai Grey and Sinai White 1 & 2**
New Lines Sinai Cement Company SCC.
- **FLS: Qena line 1**
New Line Misr Cement Company MCC.
- **FLS: Line 1 & 2 upgrade**
Helwan Cement Company HCC.
- **LAFARGE: Rashadiya line A & B upgrade**
Jordan Cement Factory JCF.
- **LAFARGE: Fuhaise line 5 & 6 upgrade**
Jordan Cement Factory JCF.
- **LAFARGE: Honduras line 1 upgrade**
Honduras Cement Factory HCF.
- **CEMEX: Line 1, 2, and 3 upgrade**
Assuit Cement Company ACC.
- **BLUE CIRCLE: Alexandria line 1 New Line**
Alexandria Bortaland Cement.
- **Titan Beni Suef new line.**
- **Titan Beni Suef upgrade line 1.**
- **Titan El Max upgrade.**
- **Alstom high voltage**
Control and protection panels, West Cairo, Libya,
Suez Substation, and Maadi station.
- **GABCO, ESHPITCO, and PICO**
Petroleum Companies



ASEC Automation Co
6, Rd 308 - New Maadi
11435 Cairo

PHONE: 27042601
FAX: 2027032948

This order is subject to the terms and conditions as agreed with your resp. printed below and on reverse side or attached conditions.

In order to comply with legal export control regulations the AL number (Germany) resp. ECCN (US) subject to German or US-Export regulations has to be stated due to each product number.

Your invoice must include the Purchase Order No, otherwise it will not be booked

Please deliver to
Siemens S.A.E Sales Plant
PO Box 245
11835 New Cairo

Order No. 4509121336	Date 30.05.2019	Your Vendor No. with us 50149477	Your reference	
References	Our Org-ID A1206953	GBK R333	Contact Meriam Rizk, EG RC-EG DI FIN Phone +20 (2) 261-43534 Fax +20 (2) 2614-3399	
Invoice Address Siemens Technologies S.A.E. Bureau 175, 2nd Business Sector, Al-Horreya Axis, 90 South Road, 5th Settlement, New Cairo, Egypt P.O. Box 245/11835 Tel: +20(2)2614 1190 Fax: +20(2)2614 3399			Incoterms@2010 DAP Customer Site Mode of Dispatch Recipient Part delivery Partial delivery not allowed Delivery date See item level Payment Terms Special Terms	
Item	Description of Goods / Service	Quantity / Unit	Currency / Price unit EGP	Total Price EGP
00020	LPN1 Panel Deliv. date: 04 Sep 2019 *** Delivery date changed ***	1 Set	25,000.00	25,000.00
00030	LPN2 Panel Deliv. date: 04 Sep 2019 *** Delivery date changed ***	1 Set	35,000.00	35,000.00
00040	LPS1 Panel Deliv. date: 04 Sep 2019 *** Delivery date changed ***	1 Set	25,000.00	25,000.00
00050	LPS2 Panel Deliv. date: 04 Sep 2019	1 Set	35,000.00	35,000.00
Remarks				
Authorized Signatures	Tarek Elemary 27 AUG 2019 23:46:59		Mohamed EL-KHARASHI 27 AUG 2019 23:05:22	
This is a digitally Signed document				
Siemens Technologies S.A.E. Process Industries and Drives Bureau 175, 2nd Business Sector, Al-Horreya Axis, 90 South Road 5th Settlement, New Cairo, P.O.Box 245/11835			New Cairo - 5th Settlement Call Center 16610 Fax+20(2)2614-3399 www.siemens.com.eg	

ASEC Automation Co
6, Rd 308 - New Maadi
11435 Cairo

Order No. 4509121336	Date 30.05.2019
---------------------------------------	---------------------------

Item	Description of Goods / Service	Quantity / Unit	Currency / Price unit EGP	Total Price EGP
00060	*** Delivery date changed *** TBE1 Panel Deliv. date: 04 Sep 2019	1 Set	25,000.00	25,000.00
00070	*** Delivery date changed *** TBW2 Panel Deliv. date: 04 Sep 2019	1 Set	25,000.00	25,000.00
00080	*** Delivery date changed *** New RTU Box-SS304 Deliv. date: 04 Sep 2019	2 Set	10,233.00	20,466.00
00090	*** Delivery date changed *** New Junction Box Deliv. date: 04 Sep 2019	3 Set	7,056.00	21,168.00
00100	*** Delivery date changed *** Panels resizing Deliv. date: 04 Sep 2019	2 Set	24,607.50	49,215.00
	Total net value excl. tax	EGP		4,088,269.00
	VAT (14.00%)	EGP		572,357.66
	Total net value incl. tax	EGP		4,660,626.66
	Amount in words: EGP Four million six hundred sixty thousand six hundred twenty-six and egg sixty-six only			

Remarks

Authorized Signatures

Tarek Elemary
27 AUG 2019 23:46:59

Mohamed EL-KHARASHI
27 AUG 2019 23:05:22

This is a digitally Signed document

Siemens Technologies S.A.E.
Process Industries and Drives
Bureau 175, 2nd Business Sector, Al-Horreya Axis, 90 South Road
5th Settlement, New Cairo, P.O.Box 245/11835

New Cairo - 5th Settlement
Call Center 16610
Fax+20(2)2614-3399
www.siemens.com.eg

Compliance with legal regulations is an integral part of all business processes at Siemens. Compliance is not a program, it is the way we do business. For any complains, please access our intranet: www.siemens.com.eg

Purchase order

PO number/date
4520020864 / 06.09.2010
Contact person/Telephone
General Purchases/+203
4195633/43/44/47/69
Our fax number
+203-4195628/29
Your vendor number with us
990008

Original
New

Company
Asec Automation
6 street 308 New Maadi
ET- CAIRO

Comercial Reg.: NA
Tax Register: 200143/247
Tax File Number: 9314
Tax Card: 5/541

Please deliver to:

Company
AMCC - Amreyah Cement Company SAE
El Gharbaneat Borg El Arab City
ET- ALEXANDRIA

The P.O. Number must be mentioned in your invoice

The submitted invoice must include the following:

- 1-Investment Designation:Revamping of Dedusting Bag Filters of Packing ,Clinker & Gypsum Conveyors 13 Units
- 2- Investment Order No: 100200000332
- 3- P.O.

The invoice which will not contain the up mentioned informations will be rejected.

Item	Material	Order qty	Unit	Description
------	----------	-----------	------	-------------

Waleed
9/9/2010

PO number/date
4520020864 / 06.09.2010

Original
New

Asec Automation
6 street 308 New Maadi
ET- CAIRO

Item	Material	Order qty	Unit	Description
10	26000011	1	UN	Electrical Scope of work
	Deliv. date Day 01.04.2011			

1-Electrical Scope of work:

Packing: EGP 55,455.00

Filter (2R11.18.12.01) EGP 11,091.00
Filter (2R21.18.27.01) EGP 11,091.00
Filter (2R31.18.42.01) EGP 11,091.00
Filter (2R41.18.57.01) EGP 11,091.00
Filter (2R51.18.72.01) EGP 11,091.00

Cement Mills Additives and Gypsum hoppers: EGP 104,417.00

Filter (1L11.38.63.01) EGP 18,855.00
Filter (1L11.38.13.01) EGP 9,625.00
Filter (2L11.38.13.01) EGP 9,061.00
Filter (2L11.38.63.01) EGP 66,876.00

Cement Mills Clinker Conveyors and hoppers EGP 97,947.00

Filter (1L11.17.13.01) EGP 20,948.00
Filter (2L11.61.13.01) EGP 11,288.00
Compressor EGP 65,711.00

Clinker Transport EGP 52,799.00

1 Filter (1L11.05.13.01) EGP 18,372.00
New Filter EGP 34,427.00

Clinker Storage EGP 11,386.00

Filter (1L11.07.13.01) EGP 11,386.00

Waleed
9/9/2010

AMCC - Amreyah Cement Company SAE
 Commercial Register 133887, Tax Register 100133770
 File n° 5-00005-267-11-03, Tax Card n° 100-133-770



PO number/date
 4520020864 / 06.09.2010

Original
 New

Asec Automation
 6 street 308 New Maadi
 ET- CAIRO

Item	Material	Order qty	Unit	Description	
	Gross Price		322.004,00	EGP	1 UN 322.004,00
	Sales Tax supported		10,000	%	32.200,40
	Deduct Tax		-0,500	%	-1.610,02
Item Total:					352.594,38

20 26000011 1 UN Automation Scope of work
 Deliv. date Day 01.04.2011

2-Automation Scope of work EGP 83,304.00

Gross Price	83.304,00	EGP	1 UN	83.304,00
Sales Tax supported	10,000	%		8.330,40
Deduct Tax	-0,500	%		-416,52
Item Total:				91.217,88

Waleed
 9/9/2010

PO number/date
4520020864 / 06.09.2010

Original
New

Asec Automation
6 street 308 New Maadi
ET- CAIRO

Item	Material	Order qty	Unit	Description
30	26000011	1	UN	Services
	Deliv. date Day 15.10.2011			
Revamping of Dedusting Bag Filters of Packing ,Clinker & Gypsum Conveyors 13 Units.				

Engineering , Erection and commissioning for the electrical and automation spare parts.				
Gross Price		200.800,00	EGP	1 UN 200.800,00
Sales Tax supported		10,000	%	20.080,00
Deduct Tax		-2,000	%	-4.016,00
Item Total:				216.864,00

Total value incl. tax EGP

660.676,26

Place Of Delivery:

DDP, Ameryah Cement Company Site.
Import part Taxes and Custom duties Included.
Terms of Payment:

30% Down Payment with the order against submission of bank Guarantee with the same value.
50% Against Delivery and technical acceptance
10% After Job Completion of erection and comissioning and technical acceptance.
10% after one year from the start up date as performance guarrantee.

Waleed
9/9/2010

[Signature]
10/09/09



K30 Maadi/Ein Soukhna road
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Supplier code 726

Purchase order	Date
3200000888	01.11.2013
Your reference: Dn_34633	

Buyer	Telephone Number
AMR MEZAR	01017499329

e-mail address	Fax number
a.mezar@suezcem.com	0225222383

ASEC AUTOMATION - öA.S.A

6 308 st. Maddi

Cairo - Egypt-130

Telephone: 002 010 1722987

Mobile: 002 010 1722987

Fax: 002 02 27032948

E-mail: sartre.florian@asecautomation.com

Destination : QUATTAMIA Cement Plant - - EG

Delivery Terms: DDP - Delivered Duty Paid - Kattameya Plant

Currency EGP

Pos.	U.M.	Quantity	Description	Unit Price
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Definitions:

1-Contractor :means the party or parties which provides materials or services to the Owner under terms specified in a purchase order.

2-Owner : means the party or parties who awards a contract for a project and undertakes to pay for the contractor under terms specified in a purchase order.

3- FAT: Factory Acceptance Test at contractor site.

4- PAC:Provisional Acceptance Certificate (industrial acceptance) at Owner site.

5- FAC: Final Acceptance Certificate 12 month from provisional acceptance test.

Scope of Work:

"The purpose of this PO is to set forth the conditions concerning the engineering, programming, supply, delivery, erection, commissioning and start-up, post start-up assistance and training for the Electrical and Automation scope for Kattameya Coal Mill.The work shall be performed by Contractor in accordance with the provisions set forth in the Purchase Order Documents.Any discrepancies that may exist between the various Documents will be ruled by giving priority to this Purchase Order, then in descending order of priority to the Documents as listed below:

1. Purchase Order Form.

2. Owner's Technical Requirements (Documents published on the Easy Supply # Portal under Rfq # 158175.



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Pos.	U.M.	Quantity	Description	Unit Price
			3.Owner#s General Conditions (attached to this Purchase Order). 4.Contractor#s quotation No. 1327/ITK-EA/6373 Rev.3.	
			-The delivery Date is the delivery date of the Materials. WAIVER: Contractor agrees to waive the rights coming from its general terms and condition of trade, even if it is attached to letters, offers, etc. or sent to the Owner. PACKING: Packing must be suitable to the supplied material and transport mean foreseen. Contractor shall be responsible for any loss or damage due to faulty or inadequate packing. Contractor shall use his experience and industry standard procedures to ensure damage does not occur in handling,transit and storage.	
00001	LE	1	Electrical and Automation scope	14.250.000,00
			Prices Break Down: 1-Electrical Scope of Supplies 1.1 MV equipment 1 SET EGP 164,169 1.2 L.V Equipment 1 SET EGP 3,713,232 1.3 MV Cables (12/20 KV) 1 SET EGP 146,809 1.4 LV Cables (0.6/1 KV) 1 SET EGP 3,861,843 1.5 Cable Trays and Pipes 1 SET EGP 648,097 1.6 Junction Boxes, LCBs ,LCBDs , Actuator Trans. and UPS 1 SET EGP 518,908 1.7 Instrumentation 1 SET EGP 1,077,333 1.8 Lighting System 1 SET EGP 818,010 1.9 Earthing System 1 SET EGP 78,006 1.10 Lightning system 1 SET EGP 54,085 1.11 Fire Alarm System 1 SET EGP 83,025 1.12 Air conditioning system 1 SET EGP 258,463 1.13 False Floor 1 SET EGP 116,851 1.14 Gas Analyzing system 1 SET EGP 3,142,314 Total Scope Of Electrical Supplies EGP 14,681,145 2-Automation Scope of Supplies 2.1Automation Material 1 SET EGP 1,036,237 Total scope of Automation Supplies EGP 1,036,237	



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Pos.	U.M.	Quantity	Description	Unit Price
			3-Services:	
			3.1 Engineering EGP 308,700	
			3.2 Erection EGP 1,249,500	
			3.3 Commissioning EGP 383,700	
			3.4 Post Start-up EGP 177,700	
			3.5 Training EGP 15,100	
			Total Services EGP 2,134,700	
			Cables Scope Deviation:	
			1-Electrical Scope of Supplies	
			1.1 CU/XLPE/SWA/PVC (3X70+35) mm#	
			1.2 CU/XLPE/SWA/PVC (3X35+16) mm#	
			1 SET EGP 134,135	
			Test gas cylinders & pressure regulators 1 SET EGP 38,843	
			Socket box (2* 3phase + 2* 1phase) EGP 38,450.	
			Total cost excluding sales taxes EGP 18,063,510.(Before applying discounts).	
			Delivery Date	02.03.2014
			HEADER DISCOUNT VAL.	3.813.510,00-
			Net value after discount	14.250.000,00
			Sales tax 10%	1.425.000,00
			Total	15.675.000,00

Terms of Payment:

-30% Advance Payment against L/G (Irrevocable/unconditional LG) (Supplier must present the L/G within 1 week from receiving PO, Otherwise the PO will be cancelled from our side).

The rest of Payment will be through confirmed irrevocable L/C With the following conditions:

-40% Payments for materials will be made pro-rata against deliveries after 60 days net from receiving the invoice, but with maximum three monthly installments (invoices).

-30 % Payments for services will be done 100% after 60 days from start-up and provisional acceptance certificate (PAC).

-Supplier will cover the L/C Cost for both Suez Cement and supplier.



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Pos.	U.M.	Quantity	Description	Unit Price
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Guarantees: Performance Bond/LG with 10% will be presented valid for one year after provisional acceptance (Irrevocable/unconditional LG according to the Egyptian laws with 10% of the Purchase order Total Price valid for 12 month from Provisional Acceptance Test).

NOTICE OF SHIPMENT:

Contractor shall give Owner not less than seven (7) days# prior notice of the shipment of the Material from the Contractor#s factory and of the arrival date at Place of destination .Contractor shall also reconfirm delivery to Owner forty eight (48) hours in advance to allow Owner to arrange receipt the Material.Such notice will be provided according with term NOTICES.

-Warranties:

Contractor shall provide the Material complete and in every way ready for operation and service. Contractor represents and warrants to Owner that the Material shall meet the technical specification set forth in the Contract Documents.Contractractor shall provide an installation complete and in every way ready for operation and service.

Contractor shall be held responsible for proper performance of the requirements set forth in the mentioned Documents despite any error, omission, discrepancy or lack of clarity in the Documents which should have been apparent to an experienced manufacturer and/orContrator after a careful and critical review. Contractor also represents and warrants to Owner that all Material will be (i) new, (ii) of the highest grade of its respective kind, (iii) of good and merchantable quality, free of all defects in design, engineering, materials, manufacture and workmanship, (iv) fit and sufficient for the purposes contemplated in the Contract Documents and engineered and manufactured in accordance with at least those practices, methods, parts, specifications and standards of safety and performance, as the same may change from time to time but in effect at the time of delivery, as are commonly used by professional firms performing such engineering and manufacturing services, which are considered good, safe and prudent practices, (v) free of any claim of any nature by any third party and (vii) in conformance with all Applicable Laws, Regulations and Technical Standards.Contractractor also represents and warrants to Owner that



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Pos.	U.M.	Quantity	Description	Unit Price
			<p>the installation(control system) shall meet the technical specification set forth in the contract documents.</p> <p>During the Warranty Period, the Contractor shall repair or replace all parts and products, including software, which are found to be defective. For the purposes of this Warranty, a software defect shall include a failure or inability to perform the design functions, that prevents the proper operation of the Material.The contractor shall undertake to carry out at its own expenses all malfunctions or errors or failure to guaranteeng the materials supplied that could be causing improper operation; the measures needed to correct the problem will be agreed on with Owner.</p> <p>-OTHER TERMS:</p> <p>a. The price of erection (with the same discount of the purchase order) will be valid till end of 2014 (in case the postponed of shutdown from Owner side) afterwards, the prices will be negotiated taking into consideration the inflation rate</p> <p>b. If the shutdown postponed for 6 month from material delivery date from Owner side reasons, Owner will not release the erection payments</p> <p>c. Contractor will send a list of supplier they are using and related schedule delivery.</p> <p>d. Contractor will send bi-weekly report for the progress of material delivery.</p> <p>e. The contractor undertakes to guarantee the whole system such as but not limited to them: material, design,construction and erection against defects for at least 12 months starting from industrial acceptance and not later than 18 months from supply date.</p> <p>f. Contractor will keep supporting team after start up for 1 week with 1 Automation Engineer per day without extra cost.</p> <p>g. PAC: The industrial acceptance will become final only after one week of continuous operation with no software problems, under the additional condition that all work must have been completed, all final documentation delivered.</p> <p>h. The service shall be performed in accordance with the working hours applied in the Owner Plant.</p> <p>-Termination for Convenience - Withdrawal:</p> <p>The Owner shall reserve the right to withdraw from the whole or a</p>	



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Pos.	U.M.	Quantity	Description	Unit Price
			<p>part of the Contract at any time by sending to the Contractor a registered letter with return receipt attached or telefax with an advance warning of at least 30 (thirty) days.</p> <p>Upon such withdrawal, the Owner shall pay to the Contractor:</p> <p>i. the amount payable for any works carried out for which a price is stated in the Contract;</p> <p>ii. the cost of the Equipment ordered for the works which have been delivered to the Contractor, or of which the Contractor is liable to accept delivery; such Equipment shall become the property of, and be at the risk of, the Owner when paid for by the Owner, and the Contractor shall place the same at the Owner's disposal;</p> <p>iii. the reasonable cost of removal of temporary structures and Construction Equipment from the Site and the return of such items to the Contractor's works in its country, or to any other destination at no greater cost;</p> <p>iv. the reasonable cost of demobilization of the Contractor's staff and labour employed wholly in connection with the Works at the date of such withdrawal.</p> <p>The Second Party shall have the right to terminate the Contract in the event where the First Party fails to comply with any of its obligations referenced in the Contract for a period of 90 days.</p> <p>Whereas, the First Party shall pay the Second Party for work executed up to date of termination in addition to 10% profit, costs due to cancellation of subcontracts and for purchases ordered before the termination which have been delivered or which the Second Party is legally bound to accept delivery of (such purchases will upon payment become the property of the First Party) and other verified reasonable direct expenses for discontinuing the Works.</p> <p>-ARBITRATION:</p> <p>In the event of any dispute or difference between the parties with regard to any matter arising out of or related to this Agreement which could not be settled amicably, whether due to breach, difference or any other cause, either party shall give to the other notice in writing of such dispute or difference, and such dispute or difference shall be settled by arbitration in accordance with the Rules of Cairo Regional Center for International Commercial Arbitration, by three (3) arbitrators to be appointed in accordance with the said Rules. The official language of arbitration shall be the English language. The place of arbitration shall be Cairo, Egypt. The Award of the arbitrators shall be final and legally binding on and between the Parties.</p>	



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Pos.	U.M.	Quantity	Description	Unit Price
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-TITLE AND RISK OF LOSS:

Title to the Material shall pass to Owner according to the delivery term mentioned in ITC terms and conditions. Contractor shall be responsible for, and shall bear the cost of, any and all risk of loss of or damage to the Material until the issuance of the Provisional Acceptance Certificate.

-ENTIRE AGREEMENT:

This Purchase Order and the associated Documents mentioned under Scope of supply term shall constitute the entire agreement among the Parties as to the matters dealt with herein. The Parties acknowledge that there are no oral or written understandings, representations or commitments of any kind, express or implied, not expressly set forth herein. No addition or modification to this Purchase Order shall be valid and effective unless previously approved in writing by duly authorised representatives of each Party. Oral agreements, or agreement not conforming with this provision, shall not be in any case considered valid and binding between the Parties.

-GOVERNING LANGUAGE

The governing language of this Purchase Order shall be English. If this Purchase Order, or any part thereof, shall be translated into any language other than English, the English version shall for all purposes be authoritative and shall at all times prevail over any translation hereof.

-APPLICABLE LAW

The Purchase Order shall in all respects be governed by and construed in accordance with the laws of Egypt.

-RESOLUTION OF DISPUTES

In the event of any dispute, controversy, claim or difference arising between the Parties in connection with this Purchase Order, either Party may propose to the other in writing that senior representatives of the Parties shall meet in a good faith effort to resolve the dispute without recourse to legal proceedings. If any dispute or difference is not resolved as a result of any such meeting within thirty (30) days, the such dispute shall be settled in accordance with the rules of the Arbitration and Conciliation Act 1996. The arbitration award shall be final and binding upon the Parties. The arbitration proceedings shall take place in Cairo, Egypt and shall be conducted in English. The substantive applicable law shall be the Egyptian laws.



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Pos.	U.M.	Quantity	Description	Unit Price
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-Force Majeure:

Means any causes beyond the control of either party which either party could not foresee or reasonably provide against and which prevents either party or both parties from performing its/their duties under the Contract such as but not limited to: Natural disasters, Wars whether military or civil, strikes, revolutions, riots or civil uprising, International sanctions on the Customer or its country, Restriction by export authorities.

The party suffering a force majeure event shall notify the other party about the nature of the event in writing within 3 days of its occurrence and its impact on its contractual obligations. Similarly a written notification shall be made within 3 days from the end of the force majeure event.

The Company shall have the right to claim additional costs associated with the force majeure event. The force majeure event shall also allow the Company additional time to deliver works and equipment, which could exceed in some cases a day for day compensation for the force majeure period itself including the time needed for demobilization and remobilization of personnel and equipment from and to the site of the Customer and/or the Company, to execute its contractual obligations.

If the Force Majeure exceeds a period of (90) days then both parties shall meet to agree on the necessary arrangements to execute the Contract. In the event where the execution of the Contract becomes impossible, then any party shall have the right to terminate the Contract.

-Total Limit of Liability:

Neither party shall be liable for loss of profit, loss of revenues, loss of production, loss of use, costs of capital or costs of replacement of power, increased costs of or loss of anticipated savings or for any special, indirect or consequential damages of any nature whatsoever in relation with the purchase order and/or contract

The second Party total liability in respect of any and all claims for damages or losses which may arise in connection with the scope of works performance or non-performance under the Contract and/or purchase order shall be limited to 100 % of the contract and/or purchase order price.

-Indirect losses and consequential damages:



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Pos.	U.M.	Quantity	Description	Unit Price
			Both parties have agreed that neither the Company nor the Customer shall be liable for loss of profit, loss of revenues, loss of production, loss of use, costs of capital or costs of replacement of power, increased costs of or loss of anticipated savings or for any special, indirect or consequential damage loss of any nature whatsoever.	
			-General Terms : Contractor's obligations The Contractor shall submit the following documents to the Owner before the execution of the services: A list of the labors/employees who shall execute the scope of this agreement inside the Owner's plant "A copy of the I.D. card for each labor/employee listed in the above mentioned list. A copy of a valid Labor Contract concluded between the Contractor and the labors/employees listed in the above mentioned list, or, if not feasible, a copy of (form # 1) evidencing the receipt of social insurance authority of said form accompanied by a letter issued from the concerned department of the Contractor indicating the position and qualification for each labor /employee. A copy of the social insurance (form # 2) that the Contractor had submitted to the Competent Social Insurance office, in which the names of the aforementioned labors/employees are listed. " In case the Contractor replaces or adds any labor notified to the Owner in written for approval, the Contractor shall accordingly submit all the above mentioned documents for the new labors/employees before starting their work inside the Owner's Plant. "The Contractor shall not subcontract all or any part of its obligations under this Agreement without Owner's prior written approval. In case of using sub contractor(s), same documents mentioned above shall be submitted. " "The Owner is entitled to object and request in writing from the Contractor to replace any employee/labor bearing all the expenses that might occur accordingly, for any reason including but not limited to: Misconducts, incompetent or negligent in the proper performance of his duties. Such employee/labor shall not be reemployed under this agreement or any future agreement between both Parties, the	



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Pos.	U.M.	Quantity	Description	Unit Price
			Contractor shall replace any employee/labor, by a competent substitute acceptable by the Owner. "	
			General	
			#The Contractor shall comply with the Labor Law and Social Insurance obligations and other Laws regarding his employees working in implementing this agreement without any liabilities on the Owner.	
			#The Contractor shall bear any damages occur during the implementation of this agreement to any of the Owner properties, employees or any third Party. In addition to bearing compensations for direct loss occurs due to any of the Contractor actions or his followers	
			#The Contractor shall not assign any of its rights, or delegate any of its duties, under this agreement without a written approval of the Owner.	
			#The Contractor shall implement and respect all the instructions and regulations issued by the Owner.	
			#The Owner shall not bear any responsibilities and shall not compensate the Contractor for any damages occur to his workers or the theft or loss of his equipments. The Contractor shall take all the needed procedures to secure his workers and guard his equipments.	
			#The Contractor undertakes to use efficient equipments to execute the agreement without harming the environment.	

Terms of Penalties:

- a. For Material Delivery: Contractor will be liable to pay 0.5% of the Purchase order Price per day of delay, subject to a ceiling of 5 % of the Purchase order Price. After 15 days (after the ten days of penalty) the Owner is entitled to terminate the Purchase Order for Contractor's fault



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Pos.	U.M.	Quantity	Description	Unit Price
			b. For Erection: Contractor will be liable to pay 0.5 % of the Purchase order Price per day of delay, subject to a ceiling of 5% of the Purchase order Price. After 10 days of delay from the planned shutdown date. Owner has the right to cancel erection part of the order and use another contractor on the expense of the main contractor.	
			Guarantees: Performance Bond/LG with 10% will be presented valid for one year after provisional acceptance (Irrevocable/unconditional LG according to the Egyptian laws with 10% of the Purchase order Total Price valid for 12 month from Provisional Acceptance Test).	
			Delivery Schedule: Contractor will be responsible to deliver all the supply Material in 4 Months. The delivery time will be calculated from the awarding date of the auction	
			Erection: The erection time must end after one month from the delivery time. The Tests will run just after the erection.	
			WHT to be deducted. WHT to be added, against supplier's receipt.	
			P.O. Total Net Value EGP	15.675.000,00

SUEZ CEMENT COMPANY



Assiut Cement Company

PURCHASE ORDER

ORDER	DATE	DELIVERY	PAGE
4505034347	03.02.2020	10.04.2020	1/ 7

VENDOR	INVOICE TO	SEND INVOICE TO
ASEC AUTOMATION (ASA) 28 STREET 269 ELMAADI EL GEDIDA - CAIRO, FAX: 027032948 0 200-143-247	Assiut Cement Company Assiut Cement Company - ASSIUT Egypt	We kindly ask you to send the invoice to the delivery address.

The purchase order number must be indicated on the delivery document and additionally the goods receipt's number on the invoice for merchandise and transportation

ITEM	MATERIAL DESCRIPTION	REF. DOCUMENT	UM	REQ QTY	UNIT PRICE	EXTENDED PRICE
	ASEC comilitment to provide complete engineering including as-built drawings, SLD, typical diagrams, cable lists, cable routing based on ASEC own site survey as there is no avialble old engineering for the existing panels & cables, so ASEC team is responsible to collect any needed information from site in addition to the new engineering for the new panels fabricated by ASEC.					
00010	Modification in DS2 LVDB	6000138894	EA	1	22.738,00 / 1EA	
00020	Garage LVDB	6000138894	EA	1	349.008,00 / 1EA	
00030	IT Panel	6000138894	EA	1	107.850,00 / 1EA	
00040	Safety Panel	6000138894	EA	1	154.684,00 / 1EA	
00050	Engineer's room panel	6000138894	EA	1	88.141,00 / 1EA	

PAYMENT TERMS	PURCHASING DEPARTMENT
TERMS OF DELIVERY: DDP Delivery Duty Paid TERMS OF PAYMENT: 100 net days	CONTACT PERSON Mhabdelrah PHONE FAX NUMBER E-MAIL ADDRESS



Assiut Cement Company

PURCHASE ORDER

ORDER	DATE	DELIVERY	PAGE
4505034347	03.02.2020	10.04.2020	2/ 7

VENDOR	INVOICE TO	SEND INVOICE TO
ASEC AUTOMATION (ASA) 28 STREET 269 ELMAADI EL GEDIDA - CAIRO, FAX: 027032948 0 200-143-247	Assiut Cement Company Assiut Cement Company - ASSIUT Egypt	We kindly ask you to send the invoice to the delivery address.

The purchase order number must be indicated on the delivery document and additionally the goods receipt's number on the invoice for merchandise and transportation

ITEM	MATERIAL DESCRIPTION	REF. DOCUMENT	UM	REQ QTY	UNIT PRICE	EXTENDED PRICE
00060	Vodafone panel	6000138894	EA	1	42.413,00 / 1EA	
00070	Maintenance room panel	6000138894	EA	1	82.839,00 / 1EA	
00080	Maintenance room sub-panel	6000138894	EA	1	26.708,00 / 1EA	
00090	service box	6000138894	EA	1	19.357,00 / 1EA	
00100	MV Cable (3x120)mm2 # 6/10KV CU/XLPE/PVC	6000138894	MT	620	638,00 / 1MT	
00110		6000138894	EA	2	1.315,00 / 1EA	

PAYMENT TERMS

TERMS OF DELIVERY: DDP Delivery Duty Paid
 TERMS OF PAYMENT: 100 net days

PURCHASING DEPARTMENT

CONTACT PERSON Mhabdelrah
 PHONE
 FAX NUMBER
 E-MAIL ADDRESS



Assiut Cement Company

PURCHASE ORDER

ORDER	DATE	DELIVERY	PAGE
4505034347	03.02.2020	10.04.2020	3/ 7

VENDOR	INVOICE TO	SEND INVOICE TO
ASEC AUTOMATION (ASA) 28 STREET 269 ELMAADI EL GEDIDA - CAIRO, FAX: 027032948 0 200-143-247	Assiut Cement Company Assiut Cement Company - ASSIUT Egypt	We kindly ask you to send the invoice to the delivery address.

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ITEM	MATERIAL DESCRIPTION	REF. DOCUMENT	UM	REQ QTY	UNIT PRICE	EXTENDED PRICE
	Medium Voltage Termination Kit3x120 10KV					
00120	Cable 3x185+95 mm2 #0.6/1 KV#CU/XLPE/PVC	6000138894	MT	800	986,00 / 1MT	
00130	Cable 3x150+70mm2#0.6/1KV#CU/XLPE/PVC	6000138894	MT	500	824,00 / 1MT	
00140	Cable 3x120+70mm2#0.6/1KV#CU/XLPE/PVC	6000138894	MT	830	587,00 / 1MT	
00150	Cable 4x35mm2#0.6/1KV#CU/XLPE/PVC	6000138894	MT	120	197,00 / 1MT	
00160	Cable 3x95+50mm2#0.6/1KV#CU/XLPE/PVC	6000138894	MT	150	464,00 / 1MT	

PAYMENT TERMS	PURCHASING DEPARTMENT
TERMS OF DELIVERY: DDP Delivery Duty Paid TERMS OF PAYMENT: 100 net days	CONTACT PERSON Mhabdelrah PHONE FAX NUMBER E-MAIL ADDRESS



Assiut Cement Company

PURCHASE ORDER

ORDER	DATE	DELIVERY	PAGE
4505034347	03.02.2020	10.04.2020	4/ 7

VENDOR	INVOICE TO	SEND INVOICE TO
ASEC AUTOMATION (ASA) 28 STREET 269 ELMAADI EL GEDIDA - CAIRO, FAX: 027032948 0 200-143-247	Assiut Cement Company Assiut Cement Company - ASSIUT Egypt	We kindly ask you to send the invoice to the delivery address.

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ITEM	MATERIAL DESCRIPTION	REF. DOCUMENT	UM	REQ QTY	UNIT PRICE	EXTENDED PRICE
00170	Power Cable 3x70+35mm2#0.6/1KV#CU/XLPE/P	6000138894	MT	125	332,00 / 1MT	
00180	Cable 7x1.5mm2#CU/PVC/PVC TR protection	6000138894	MT	620	27,00 / 1MT	
00190	Accessories for Installation	6000138894	EA	1	26.100,00 / 1EA	
00200	H.D.G Cable Trays 500 mm Without Cover	6000138894	MT	120	559,00 / 1MT	
00210	H.D.G Cable Trays 400 mm Without Cover	6000138894	MT	120	463,00 / 1MT	
00220	H.D.G Cable Trays 300 mm Without Cover	6000138894	MT	120	304,00 / 1MT	

PAYMENT TERMS	PURCHASING DEPARTMENT
TERMS OF DELIVERY: DDP Delivery Duty Paid TERMS OF PAYMENT: 100 net days	CONTACT PERSON Mhabdelrah PHONE FAX NUMBER E-MAIL ADDRESS



Assiut Cement Company

PURCHASE ORDER

ORDER	DATE	DELIVERY	PAGE
4505034347	03.02.2020	10.04.2020	5/ 7

VENDOR	INVOICE TO	SEND INVOICE TO
ASEC AUTOMATION (ASA) 28 STREET 269 ELMAADI EL GEDIDA - CAIRO, FAX: 027032948 0 200-143-247	Assiut Cement Company Assiut Cement Company - ASSIUT Egypt	We kindly ask you to send the invoice to the delivery address.

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ITEM	MATERIAL DESCRIPTION	REF. DOCUMENT	UM	REQ QTY	UNIT PRICE	EXTENDED PRICE
00230	H.D.G Cable Trays 200 mm Without Cover	6000138894	MT	120	248,00 / 1MT	
00240	H.D.G Cable Trays 100 mm Without Cover	6000138894	MT	500	192,00 / 1MT	
00250	H.D.G Cable Trays 400 mm With Cover	6000138894	MT	40	617,00 / 1MT	
00260	H.D.G Cable Trays 300 mm With Cover	6000138894	MT	130	408,00 / 1MT	
00270	H.D.G Cable Trays 100 mm With Cover	6000138894	MT	360	236,00 / 1MT	
00280		6000138894	AU	1	423.546,00 / 1AU	

PAYMENT TERMS	PURCHASING DEPARTMENT
TERMS OF DELIVERY: DDP Delivery Duty Paid TERMS OF PAYMENT: 100 net days	CONTACT PERSON Mhabdelrah PHONE FAX NUMBER E-MAIL ADDRESS



Assiut Cement Company

PURCHASE ORDER

ORDER	DATE	DELIVERY	PAGE
4505034347	03.02.2020	10.04.2020	6/ 7

VENDOR	INVOICE TO	SEND INVOICE TO
ASEC AUTOMATION (ASA) 28 STREET 269 ELMAADI EL GEDIDA - CAIRO, FAX: 027032948 0 200-143-247	Assiut Cement Company Assiut Cement Company - ASSIUT Egypt	We kindly ask you to send the invoice to the delivery address.

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ITEM	MATERIAL DESCRIPTION	REF. DOCUMENT	UM	REQ QTY	UNIT PRICE	EXTENDED PRICE
	Elec. service for L1 trench Project					
	The item covers the following services:					
10	Elec. Engineering for L1 trench Project		AU	1	29.920,00	
20	Elec. erection for L1 trench Project		AU	1	336.646,00	
30	Elec. commissioning for L1 trench Proj		AU	1	56.980,00	
	***** FINAL PO *****					
	DELIVERY DATE:10.04.2020					
	Please deliver to:					
	Plant					
	#### #####					
	K18 ASSIUT ELKHARGA HIGHT WAY					
	MANKABAD, ASSIUT					

Currency: EGP Egyptian Pound

 Subtotal
 TAX
 Total

 4.028.624,00
 564.007,36
 4.592.631,36

FOUR MILLION FIVE HUNDRED NINETY-TWO THOUSAND SIX HUNDRED THIRTY-ONE THIRTY-SIX

PAYMENT TERMS	PURCHASING DEPARTMENT
TERMS OF DELIVERY: DDP Delivery Duty Paid TERMS OF PAYMENT: 100 net days	CONTACT PERSON Mhabdelrah PHONE FAX NUMBER E-MAIL ADDRESS



Important Instructions:
Documents Issued by the Name of:
AIR LIQUIDE Alexandria For Medical and Industrial Gases S.A.E Inside Alexandria National Iron and Steel Company,, Dekheila,,,EG

Issuance Date	27-Aug-2019	Revision	0
PO Number	104852	Type	S
Supplier Reference		Requestor	Gaber, Mohamed
Ship Via		Mode of Transport	
Delivery Terms			
Creation Date	27-Aug-2019	Allocation Code	E0202000001
Ship To	Inside EZZ Dekhila,Alexandria,EG		
Terms of Payment	30 Days		

To: LNA00083
ASEC AUTOMATION 6 , 308 Street , New Maadi, Cairo, EG CONTACT: Hossam Seif El EMAIL: hossam.seif@asecautomation.com PHONE: 01227177008

Document Faxed and Mailed To Head Office:
Inside Alexandria National Iron and Steel Company,, Dekheila,,,EG

Contacts: sarah.ahmed@airliquide.com
Notes:
IMPORTANT: IF YOU CANT DELIVER THIS MATERIAL OR SERVICE BEFORE DATE REQUIRED PLEASE NOTIFY US IMMEDIATELY

Serial	Item Code	Description	Delivery Date	Q'ty	U/M	Unit Price	Amount
1.1	TE.I.F 3400.SF 3403	online partial discharge for 33 KV Cell	10-Sep-2019	1	EACH	750	750
2.1	TE.I.F 3400.SF 3403	online partial discharge for 6.6 KV Cell	10-Sep-2019	19	EACH	750	14250
3.1	TE.I.F 3400.SF 3403	online partial discharge for Medium Tr. Junction Box 33/6.6 KV	10-Sep-2019	1	EACH	750	750
4.1	TE.I.F 3400.SF 3403	online partial discharge for Medium Tr. Junction Box 6.6KV /400 V	10-Sep-2019	4	EACH	750	3000

Prepared By	
Ahmed, Sarah	
Doc No:	MP-IPRC-012-F14
Date:	01/03/2011
Rev No:	02

Reviewed By
Moustafa, Rasha

Approved By
Moustafa, Rasha

INSTRUCTIONS:
1.Please return by E-mail or fax after acknowledgement 2.P.O. Reference must be mentioned on all documentation to facilitate payment 3. Attach a copy of the signed Delivery Tickets/Orders is required to facilitate payment 4. The attached general purchase terms(MP-IPRC-012-A04) is a part of this P.O.

Supplier Acknowledgement
Name:
Title:
Date:
Signature:

Subtotal	18750 EGP
Discount	0%
Others	0
Taxes	2625 EGP
Order Total	21375 EGP



THANK YOU

CONTACT US

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