



energyya

POWER & TELECOM SOLUTIONS

elsewedy HELAL

**WORLD CLASS
TURNKEY SOLUTION
PROVIDER**





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CHAIRMAN MESSAGE

“ With an exceptional history spanning over **80 years**, Energyya has developed the insight and know-how needed to successfully operate in the Region. Today Energyya proudly stands as a leading Regional Industrial Manufacturer in the field of electrical industries and building materials.

In a move to leverage **80 years** of expertise and to expand our portfolio we ventured into various landmark investment opportunities; looking at the future we are enthusiastic to gain further opportunities.

Immense perseverance and dedication by our first team is the backbone of building our success. We believe in our ability to surpass our goals because simply nothing beats a dedicated team that works hard with excellence without ever compromising their goal ”.



Hesham Elsewedy

Energyya Industries Chairman

ABOUT ENERGYA INDUSTRIES

- A leading regional manufacturer in the field of electrical industries and building materials. Our commitment to excellence and innovation is the pillar that assists our goals in exceeding our customers' expectations.
- Since the beginning of the millennium, Energyya Industries has participated in various landmarks investment opportunities such as Cement, Real Estate, Education, EPC construction solutions, and Financial Services and we intend to build on that foundation, making a lasting contribution to economic life and acting as a catalyst for sustained growth in emerging markets.

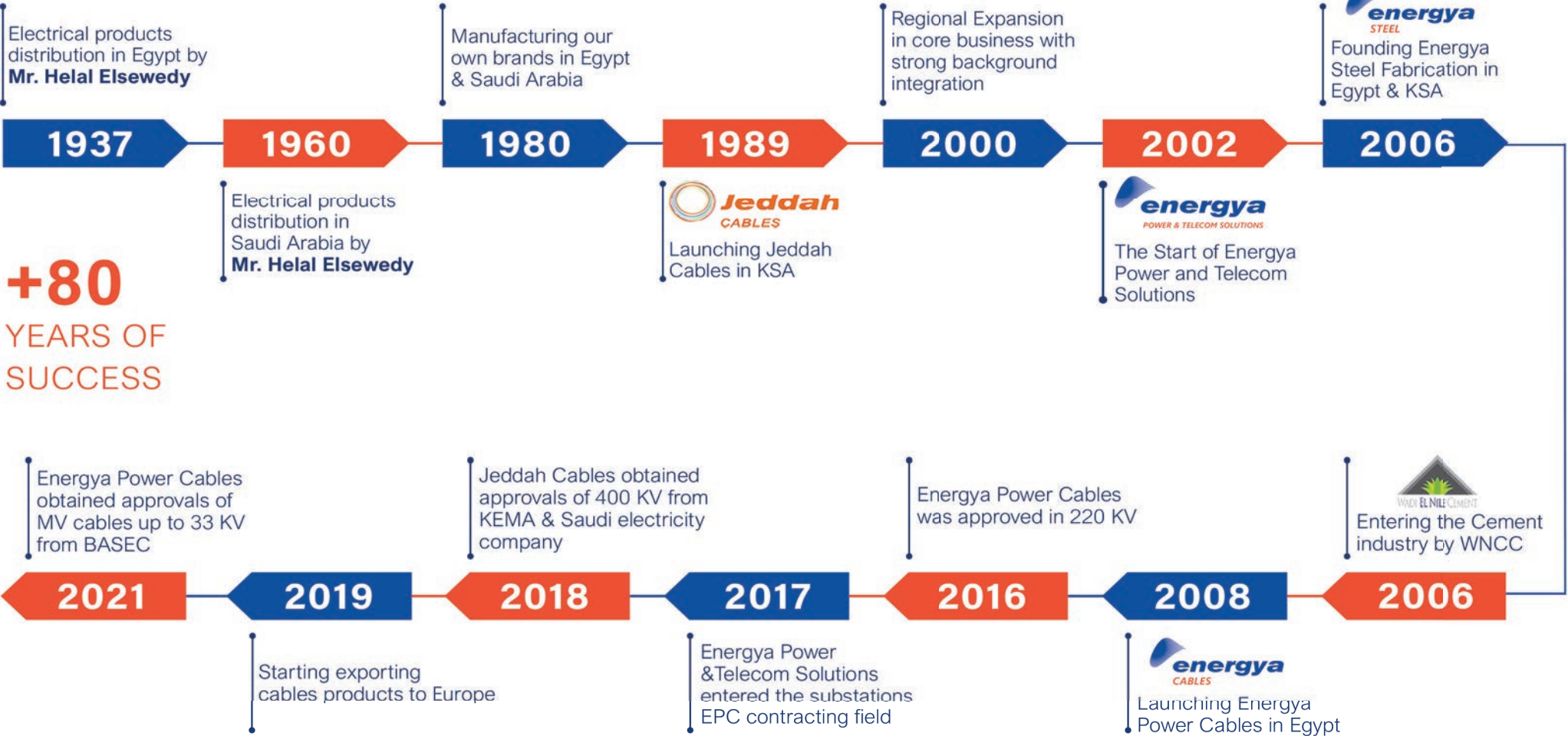


ABOUT ENERGYA INDUSTRIES

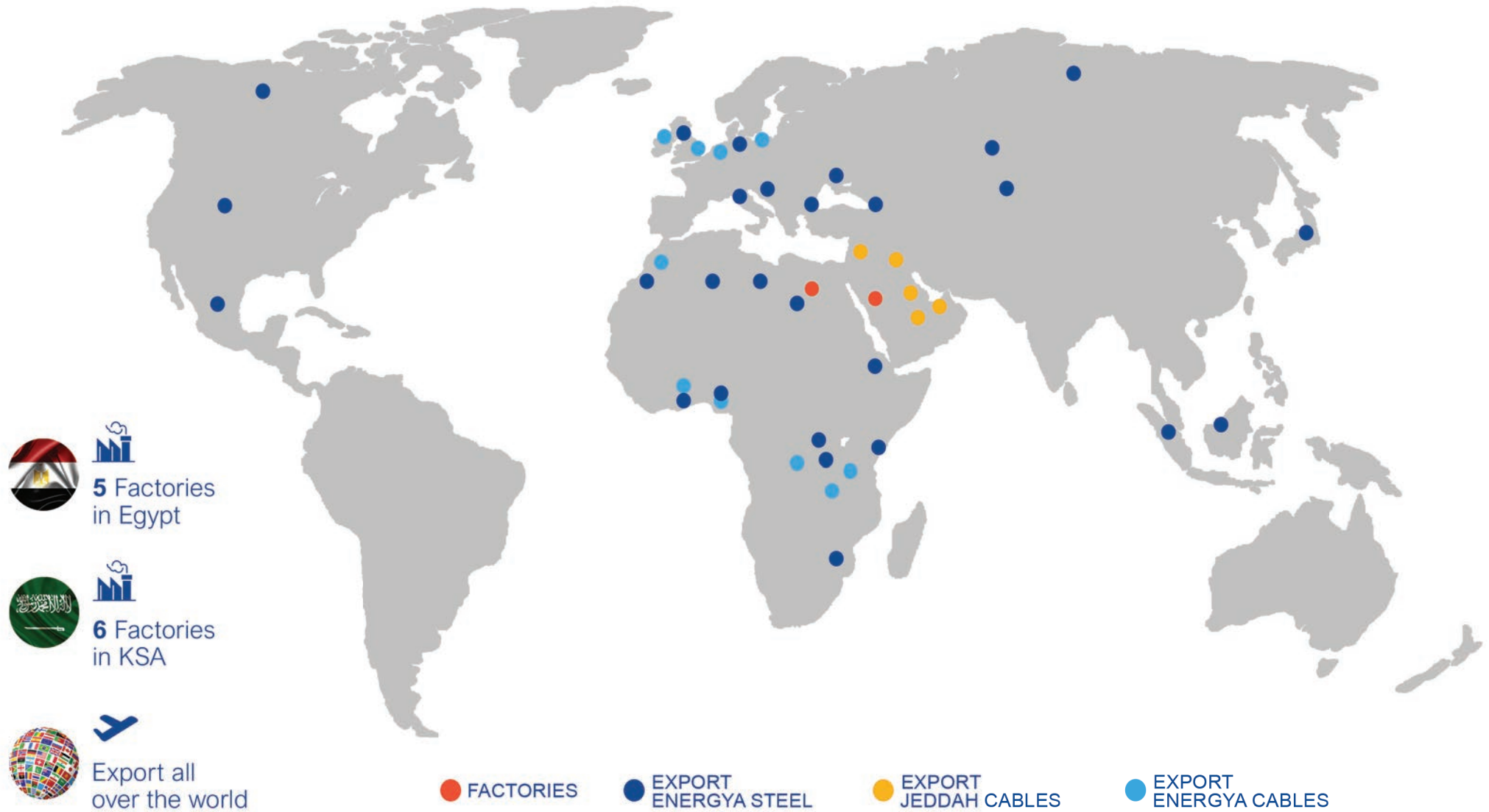
- Energya Steel has the capacity to provide multiple engineering services, starting from design, supply, fabrication, galvanization, painting, site delivery and erection of structural steel, process steel equipment (plate works), tanks, pressure vessels, stacks, equipment, overhead transmission & telecommunication towers, pre-engineered buildings.
- Energya Cables in Egypt & Jeddah Cables in KSA are the largest manufacturers of low, medium, high, and extra high voltage power cables in the Middle East. Our primary objective is to provide high quality products and full technical solutions catering to our customers specialized needs that not only satisfy our customers' requirements but also exceeds their expectations.



TIMELINE



WHERE WE ARE ?



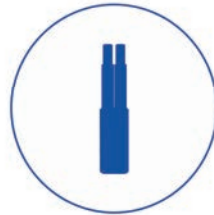
• **Energyya PTS** is subsidiary of **Energyya Industries**, and it is the contracting arm of the group offering turnkey Infrastructure services and solutions in:



Substation Turnkey
Projects up to **500KV**



OHTL up to **500KV**



EHV underground
up to **380KV**



Water Infrastructures



Sustainable energy



Distribution Networks



• **Energyya PTS** Plays a major role in the complete preparation, analysis, design, construction of infrastructure work, and distribution networks throughout the Middle East and Africa.

ENERGYA POWER & TELECOM SOLUTIONS

VISION, MISSION & VALUES



VISION: One of the leading EPC contractors in the Middle East, within the coming 5 years.



MISSION: Delivering competitive and sustainable power infrastructure, to governmental or private sectors, by providing turnkey solutions of surveying, planning, designing, supplying, installation, testing & maintenance ensuring the utmost of customer satisfaction.



VALUES:

- Dedication for quality.
- Customer's recognition and satisfaction.
- Uncompromising integrity.
- Investing in our people.



OUR SUCCESS PARTNERS



OUR SUCCESS PARTNERS

elsewedy HELAL



TOP MANAGEMENT ORGANIZATIONAL CHART



SCOPE OF WORK

POWER SUBSTATIONS 500, 220, 66 KV

- At **Energya** we believe that, the construction of electrical substations is becoming increasingly difficult, so few companies are engaged in the implementation of such projects from A to Z. Our experts have enough practical experience and knowledge to solve any problems that arise during the construction of these capital-intensive facilities.
- **We provide comprehensive electrical design solutions for substation 500, 220 , 66 KV:**
 - Design of electrical substations of any type;
 - Design and connection of electrical networks for industrial customers
 - manufacturing and supply of high quality electrical equipment.
- Our services include the development and approval of technical specifications, the preparation of detailed design and working documentation, as well as a full range of construction services, testing and commissioning, operation and maintenance. Modern substations are technically complex facilities with multi-million dollar investments.

The investment performance is taken into account at each design stage.



SCOPE OF WORK UNDER GROUND CABLES UP TO 380 KV

• **Energyya** expertise in the high voltage field has provided the knowledge to tackle some of the more complex jobs in laying high voltage and extra-high voltage underground cables. Our team knows the special requirements to safely install, repair, and maintain these systems as well as adhering to the environmental concerns associated with these types of projects.

We have always produced or obtained highly trained and motivated personnel to perform projects competitively with integrity, we are sure that we will provide you with the best service at the minimum cost as we offer our expertise providing a comprehensive range of engineering and construction services, including:

- Experience in solid dielectric and pipe type cable installations.
- Manhole installations.
- Duct bank construction.
- Horizontal directional drilling.
- Cable installation.
- Cable splicing.
- Terminations.
- Quality Assured.
- Pre-construction design and engineering consulting.
- Environmental mitigation and compliance.
- Reconductoring of existing transmission lines.
- Testing & commissioning.



SCOPE OF WORK

OVERHEAD TRANSMISSION LINE UP TO 500 K.V

- **Energya** offers the construction and maintenance service of overhead high-voltage transmission lines through 500 kV.

We build and service major assets for many of the region's largest utilities, cooperatives, and municipalities, and we are known for safe practices, efficiency, and exceeding our clients' expectations.

We maintain the highest standards of service while providing comprehensive design, management, and construction on Overhead Transmission projects, regardless of size or complexity. Our resources include, but are not limited to:

- Experience with all operating voltages.
- Application of lattice tower, steel, laminate, and wood pole construction.
- Access road construction.
- Matting Services.
- Environmental protection services.
- Storm restoration services.



SCOPE OF WORK RENEWABLE ENERGY

• **Energyya** offers full Engineering, Procurement and Construction (EPC) services for solar, wind and other renewable power systems.

Our EPC program makes it easy for clients to make the move to a renewable energy system. Our EPC team is accustomed to managing the entire process, allowing the client to concentrate on running their operations. When the project is complete, our team will make certain all systems are meeting or exceeding original performance targets and will train the client's staff on the key components of operating the renewable energy system.



SCOPE OF WORK

WASTEWATER

- At **Energya** working modern wastewater treatment plants according to the specific needs of the customer in order to achieve the specified quality indicators, which dictate the choice of technical solutions using various chemical, physical and biological methods.
- We design, build, operate and modernize wastewater treatment plants, drinking water treatment plants, reverse osmosis seawater desalination plants, and other facilities. Our company offers professional project management services in the field of water treatment, green energy production, waste recycling, environmental protection, and more.



SCOPE OF WORK WASTEWATER

• **Energyya** covers all stages of projects, from the construction of water pipelines to automation and control systems. Wastewater treatment plant: structure and operating principle Wastewater treatment plant is a set of engineering structures used to remove pollutants contained in wastewater from industrial enterprises and settlements. This also includes a number of ancillary facilities needed to power the facility and create an optimal working environment for servicing, controlling, and monitoring technological processes. The tasks of wastewater treatment plants include the treatment and neutralization of sludge and the removal of other.

• **Energyya** scope of work stages for the construction of a wastewater treatment plant includes :

- Exploration of the construction area.
- Preparation of technical documentation.
- Obtaining licenses and permits.
- Site preparation (earthworks).
- Construction of access roads.
- Civil construction work.
- Construction of canals and sand traps.
- Construction of a pumping station.
- Construction of a reactor for biological treatment.
- Construction of water sedimentation tanks.
- Introduction of technologies for gas reuse.
- Connecting the facility to the power grid.
- Setting up automation and control systems.
- Testing and commissioning.



SCOPE OF WORK PIPELINE

- **Energya** uses the fastest and best way to lay any type of pipeline beneath any surface features from Rivers, Runways, Railways, Roads & Buildings, using the Trenchless Crossing methodology ensuring minimal disruption to the environment & minimum disruption to above-ground surfaces.





PROJECTS

SONKER

GIS 66/22KV



Scope of Work: Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.



Owner: Sonker Bunkering Company



Duration: 12 months



Worth: 6 million USD



Location: Egypt-ElAin ElSokhna Port



 **Scope of Work:** Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.

 **Owner:** Egyptian Electricity Transmission Company (EETC)

 **Duration:** 12 months

 **Worth:** 18 million USD

 **Location:** Egypt-Giza

HOUSH EISSA

220/66/11 KV

elsewedy HELAL



-  **Scope of Work:** Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.
-  **Owner:** Egyptian Electricity Transmission Company (EETC)
-  **Duration:** 12 months
-  **Worth:** 12 million USD
-  **Location:** Egypt-Al-Buhyrah

BENI SWEIF

Beni Sweif Substation 66/22 kV GIS 2x175 MVA + 2x40 MVA



Scope of Work: Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.



Owner: Egyptian Electricity Transmission Company (EETC)



Duration: 12 months



Worth: 10 million USD



Location: Egypt-Bani Sweif

EI-TEBEEN 8

66/11/6.6 KV 2*40 + 2*25 MVA

elsewedy HELAL



Scope of Work: Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.



Owner: Egyptian Electricity Transmission Company (EETC)



Duration: 12 months



Worth: 6 million USD



Location: Egypt-Helwan



Scope of Work: Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.



Owner: CAPW “Construction Authority for Potable Water and Wastewater”



Duration: 10 months



Worth: 8 million USD



Location: Egypt-New AbuRawash

DAMIETTA FURNITURE CITY

500/220/22 KV GIS , 2x70 MVA transformer

elsewedy HELAL



 **Scope of Work:** Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.

 **Duration:** 12 months

 **Owner:** Military Armed Forces

 **Location:** Egypt-Damietta

TEMA SUBSTATION

66/11 KV GIS, 3x40 MVA Transformer



Scope of Work: Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.



Duration: 14 months



Owner: Egyptian Electricity Transmission Company (EETC)



Location: Egypt

A row of streetlights is silhouetted against a vibrant sunset sky. The sky transitions from a deep blue at the top to a bright orange and red near the horizon. The streetlights are black with glowing yellow-orange lamps. The text 'INFRASTRUCTURE PROJECTS' is overlaid in white, bold, sans-serif font at the bottom center.

INFRASTRUCTURE PROJECTS



 **Scope of Work:** Design, Engineering, Supply, Procurement, Erection, Civil work, Testing and Commissioning.

 **Owner:** New Capital

 **Duration:** 6 months

 **Worth:** 26 million USD

 **Location:** Egypt- EL Alameen

CHENNAI REGION
230 KV for GIS S/S

elsewedy HELAL



Type of project: EHV Under Ground Cables.



Value: 4 million USD



Client: TAMIL TRANSCO



Location: India



 **Type of project:** EHV Overhead Transmission Line

 **Value:** 9 million USD

 **Owner:** National Electricity of Morocco

 **Location:** Morocco

TRANSMISSION LINE

Lot 1 Double Circuits & Double Bundles
400 KV CHICHAOUA/TIMLILT, Project SR N 93980P4

elsewedy HELAL



Type of project: EHV Overhead Transmission Line



Owner: National Electricity of Morocco



Value: 9 million USD



Location: Morocco

CABLES CONNECTING EI NARGES with the Network, 220 KV UG XLPE



Type of project: EHV Transmission Line



Client: EETC



Value: 14 million USD



Location: Egypt

CABLES CONNECTING BASATEEN

with Mostathmreen, 220 KV UG XLPE

elsewedy HELAL



Type of project: EHV Transmission Line



Value: 21 million USD



Client: EETC



Location: Egypt

CABLES FOR REPLACEMENT OF EXISTING OHTL 220 KV UG XLPE



Type of project: EHV Transmission Line



Value: 19 million USD



Client: EETC



Location: Egypt

CABLES TO CONNECT IMBABA TO ALHADABA

220 KV UG XLPE

elsewedy HELAL



Type of project: EHV Transmission Line



Value: 14million USD



Client: EETC



Location: Egypt

CABLES TO CONNECT 6th OCTOBER GENERATION STATION WITH EI SHEIKH ZAYED 220 KV UG



Type of project: EHV Transmission Line



Client: EETC



Value: 13 million USD



Location: Egypt

CABLES CONNECTING SAQR QURISH WITH RABAA 66KV UG XLPE

elsewedy HELAL



Type of project: HV Transmission Line



Client: EETC



Value: 18 million USD



Location: Egypt

CABLES TO CONNECT HADAYEK OCTOBER WITH ORASCOM 66 KV UG XLPE



Type of project: HV Transmission Line



Value: 8 million USD



Client: EETC



Location: Egypt

Cables to Connect Embaba With Cairo West

220 KV UG

elsewedy HELAL



Type of project: EHV Transmission Line



Value: 9 million USD



Client: EETC



Location: Egypt

REFERENCE LIST

SN	Project Name	Contract Value (L.E.)	Client	Country	Date
1	NEW Capital Project Infra structure project	522,000,000	NEW Capital	Egypt	2023
2	EL Alameen substation 22/220/500 KV GIS	780,000,000	EETC	Egypt	2022
3	Tema Substation 11/66 KV GIS	102,000,000	EETC	Egypt	2022
4	(Additional Order) Replacement of OHTL with 220 KV UG Cables Connecting El-Amria S/S with Moqama AlGhazl	66,555,013	EETC	Egypt	2021
5	Replacement of OHTL with 220 KV UG Cables Connecting El-Amria S/S with Moqama AlGhazl	95,512,412	EETC	Egypt	2021
6	220 KV UG Cables Connecting Ain Sera S/S with South Maadi S/S	105,285,000	EETC	Egypt	2021
7	Replacement of OHTL with 220 KV UG Cables Connecting Basoos S/S with Bahteem S/S - Part2	146,645,267	EETC	Egypt	2021
8	Beni Suief 22/66 kV GIS S/S	150,000,000	EETC	Egypt	2021
9	Eltebeen 6.6 /11/66 kV GIS S/S	91,000,000	EETC	Egypt	2021
10	220 KV UG XLPE Cables Connecting El Narges S/S with the Network	223,000,000	EETC	Egypt	2021
11	220 KV UG XLPE Cables Connecting Basateen S/S with Mostathmreen S/S	331,047,618	EETC	Egypt	2021
12	66 KV UG XLPE Cables for Connecting North Hurgada S/S with Network	35,000,000	EETC	Egypt	2020
13	220 KV UG Cables Connecting Nahda S/S with Heliopolis & Obour S/S	413,000,000	EETC	Egypt	2020
14	GERZA Substation 11/66/220 Kv GIS	280,000,000	EETC	Egypt	2020
15	New Abu Rawash substation 11/66 KV GIS	126,000,000	EETC	Egypt	2020
16	New HOUSH EISSA SS 11/66/220 kV GIS S/S	135,000,000	EETC	Egypt	2020
17	220 KV UG XLPE Cables for Replacement of existing OHTL North Cairo/Heliopolis	295,238,095	EETC	Egypt	2020
18	220 KV UG XLPE Cables to Connect Imbaba to AlHadaba/Al Moatamyah	223,000,000	EETC	Egypt	2020
19	Shifting of existing 220 KV UG Cables Connecting Hadaba S/S with Giza & Haram S/S	3,000,000	EETC	Egypt	2020
20	66KV UG XLPE Cable & Accessories for Connecting Metro Salam S/S to the Network	108,750,000	EETC	Egypt	2019
21	66 KV UG XLPE Cables for Connecting Moltaqa Al Arabi S/S with Network	102,784,000	EETC	Egypt	2019
22	66KV UG XLPE Cables connecting Saqr Qurish S/S with Rabaa S/S	290,000,000	EETC	Egypt	2019
23	230 KV for GIS S/S in Chennai region	315,165,308	TAMIL TRANSCO	India	2018
24	Damittea Furniture Substation 11/220 KV	310,000,000	EETC	Egypt	2018
25	220 KV UG Cables Connecting Sharm Sheikh S/S with Network	21,602,800	EETC	Egypt	2018
26	66 KV UG XLPE Cables for Connecting ACMA S/S with the Network	5,000,000	Acma Company	Egypt	2018
27	SONKER 22 / 66 KV GIS S/S	100,000,000	EETC	Egypt	2017
28	66 KV UG XLPE Cables for Connecting Hadayek October S/S with Orascom S/S	127,404,000	EETC	Egypt	2017
29	66 KV UG XLPE Cables for Connecting Marg S/S with Petrol S/S	65,700,000	EETC	Egypt	2017
30	220 KV UG Cables to Connect Hadaba 1# S/S with Hadaba 2# S/S	28,920,600	EETC	Egypt	2016

SN	Project Name	Contract Value (L.E.)	Client	Country	Date
31	220 KV UG Cables to Connect Embaba S/S with Cairo West S/S	162,396,000	EETC	Egypt	2016
32	220 KV UG Cables to Connect Hadaba S/S with Haram S/S & Giza S/S	253,818,000	EETC	Egypt	2016
33	220 KV UG Cables to Connect Cairo North S/S with El Saptiah1# S/S	93,132,000	EETC	Egypt	2016
34	220 KV UG Cables to Connect Sharm El Sheikh Generation Station with Sharm El Sheikh Switching Station	75,834,000	EETC	Egypt	2015
35	66 KV UG XLPE Cables for Connecting Jushi Factory with Ain Sokhnah S/S	15,246,000	Jushi Factory	Egypt	2015
36	66 KV UG XLPE Cables for Connecting Elmarakby Steel with the Network	16,164,000	Elmarakby Steel	Egypt	2015
37	66 KV UG XLPE Cables for Connecting Hurgada International Airport with the Network	40,092,000	EETC	Egypt	2013
38	El Zayt - 200 MW Wind Farm Lot 2 Site Work	31,458,000	NREA	Egypt	2013
39	Al Haeksteb , Tender # 12140/m/m	6,804,000	Armed Forces	Egypt	2013
40	Transmission Line 400 KV TIMLILT/Agadir Lot 2 Double Circuits & Double Beams, Project SR N 93981P4	8,750,000	National Electricity of Morocco	Morocco	2012
41	Transmission Line 400 KV CHICHAOUA/TIMLILT Lot 1 Double Circuits & Double Bundles, Project SR N 93980P4	8,750,000	National Electricity of Morocco	Morocco	2012
42	220 KV UG Cables to Connect Heliopolis S/S with Abu Zaabal Switching Station	29,520,000	EETC	Egypt	2012
43	220 KV UG Cables to Connect El Tebbin S/S with El Tebbin Power Station S/S	36,862,242	EETC	Egypt	2012
44	66 KV UG XLPE Cables for Connecting Mall of Arabia with the Network	18,630,000	Majid Al Futtaim Properties A.E	Egypt	2012
45	66 KV UG XLPE Cables for Connecting Factory 90 Elharby with the Network	13,758,000	EETC	Egypt	2012
46	El Zahrah Company for Agricultural Investment East El Owinato Piece No. 13A	5,621,000	El Zahrah Company	Egypt	2012
47	El Zahrah Company for Agricultural Investment East El Owinato Piece No. 3	9,275,000	El Zahrah Company	Egypt	2012
48	East Owneat - 5th Piece Medium & Low Voltage of 22 KV, Tender2011/2010/35	14,854,000	Middle Egypt Distribution Co.	Egypt	2012
49	East Owneat - Area 21 & 10 East Medium & Low Voltage of 22 KV, Tender 2011/2010/25	25,879,000	Middle Egypt Distribution Co.	Egypt	2012
50	Al Nahada Factory Medium & Low Voltage for OHTL & UG Cables, Tender # 2011/1	5,208,000	Egypt Distribution Co.	Egypt	2012
51	220 KV UG Cables to Connect 6th October Generation Station with El Sheikh Zayed S/S	200,000,000	EETC	Egypt	2011
52	66 KV UG XLPE Cables for Connecting Nabq Station with Global Station	21,072,000	EETC	Egypt	2011
53	220 KV UG Cables to Connect Abbasia Metro S/S with East Cairo S/S & Estad S/S	20,148,000	EETC	Egypt	2010
54	66 KV UG XLPE Cables for Connecting Madinaty S/S with New Cairo S/S	27,468,000	EETC	Egypt	2009
55	International Blorais for 6th October Industry regions Low Voltage	4,300,000	Edge Construction & Industry	Egypt	2009
56	220 KV UG Cables to Connect Tebbin S/S with Network	100,000,000	EETC	Egypt	2008
57	220 KV UG Cables to Connect El Kurimat S/S with Network	24,000,000	EETC	Egypt	2005
58	220 KV UG Cables to Connect Giza S/S with Switching Station	140,000,000	EETC	Egypt	2005
59	220 KV UG Cables to Connect Cairo North S/S with Network	20,000,000	EETC	Egypt	2003
60	220 KV UG Cables to Connect Cairo East S/S with Estad S/S	80,000,000	EETC	Egypt	2002
61	220 KV UG Cables to Connect Sira S/S with Basateen S/S	100,000,000	EETC	Egypt	2001

ISO CERTIFICATES

- **Energya PTS** has obtained certificates that support the success journey which spanned over 80 years until it has become one of the pioneers in the industry.



END USER CERTIFICATE

Ministry of Electricity & renewable Energy
Egyptian Electricity Transmission company
Middle Egypt Zone - Project Sector
General department for Substations projects



وزارة الكهرباء و الطاقة المتجددة
الشركة المصرية لنقل الكهرباء
منطقة كهرباء مصر الوسطى
الادارة العامة لمشروعات المحطات

Taking Over and Acceptance Certificate for

INDUSTRIAL BENI SUIEF 66/22 kV GIS Substation (2 x 40 MVA)

Contract No: (17-2020/2021)
Owner: Egyptian Electricity Transmission Company (EETC)- Middle Egypt Zone (MEZ)
Contractor: Energyya Power & Telecom Solutions
Project: INDUSTRIAL BENI SUIEF 66/22 kV GIS Substation (2 x 40 MVA)
Taking Over and Acceptance Certificate dated : 15/11/2022

This certificate to Certify that the contractor has completed his obligations under this contract related to earning the Taking Over and acceptance certificate for construction of INDUSTRIAL BENI SUIEF 66/22 kV GIS Substation (2 x 40 MVA) on turnkey basis as per technical specifications for Egyptian electricity transmission Company (EETC) standards and IEC standard and the substation is fully energized and under Egyptian Electricity transmission (EETC) Company Operation.
EETC committee has accepted the issuance of this Taking over and acceptance Certificate for INDUSTRIAL BENI SUIEF 66/22 kV GIS Substation (2 x 40 MVA)

For EETC- MEZ		For Energyya-PTS	
Name:	Signature:	Name:	Signature:
Eng. Sayed Mohamed Abdelhafiz		Eng. Taha Ali	
Eng. Khaled Yaaqub Ahmed		Eng. Waseel Fathy	
Eng. Ibrahim Mohamed Selim		Eng. Mostafa Abdalmonem	
Eng. Sayed Ibrahim Gira		Eng. Doaa Mohamed	
Eng. Rabie Fathy Abdelbaset		Eng. Haytham ElRamady	
Eng. Mohamed Fayez Ahmed			
Eng. Khaled Mohamed Ashry			
Eng. Mohamed Ramadan Hamed			
Mr. Ibrahim Mohamed Saoud			
Mr. Wael Gamal Eldin Mohamed			

رئيس لجنة المتابعة
12
13
السيد أنور



Egyptian Electricity Transmission company
Alex & West Delta Zone
West Delta Project Sector
West Delta Substation Projects Department



الشركة المصرية لنقل الكهرباء
منطقة كهرباء الاسكندرية وغرب الدلتا
قطاع مشروعات غرب الدلتا
الادارة العامة لمشروعات المحطات

NEW HOUSH EISSA 220/66/11KV (2X175 + 4X40)MVA GIS S/S

"Taking Over and Acceptance Certificate"

Contract No.: (3/2019/2020)
Owner : Egyptian Electricity Transmission Company (EETC)
West Delta Electric Zone (WDEZ)
Contractor : Consortium members (Energyya Power & Telecom Solutions (Leader), XIAN, XD-EGEMAC)
Project : New Housh Eissa 220/66/11KV (2x175 + 4x40)MVA GIS Substation

Taking Over and Acceptance Certificate dated:

This certificate is to certify that the contractor (consortium members) has completed his obligations under this contract related to earning the Taking Over and Acceptance Certificate (TOAC) for the whole S/S as per technical specifications for Egyptian Electricity Transmission Company (EETC) and the substation is fully energized and under Egyptian Electricity Transmission Company (EETC) Operation Discipline.

EETC Committee Members (West Delta Electric Zone)		Consortium Members (ENERGYA Power-PTS &XD-EGEMAC)	
Name	Signature	Name:	Signature
Eng. Reda Draz		Eng. Taha Ali (GM)	
Eng. Mohammed Fadi		Eng. Wael Azab (PD)	
Eng. Mohammed Daabis		Eng. Hossam Hegab (PM)	
Eng. Moustafa Habib		Eng. Moustafa Fathy (PM)	
Eng. Yasser Al-Zherhi			
Eng. Abd Al-Hadi Yasin			
Eng. Rasha Mekky			
Eng. Abd Al-Rahman Al-Deeb			
Eng. Tamer Abd Al-Fadeel			
Mr. Ahmed Balbaa			



TOAC FOR NEW ABOU-RAWASH TV 11 KV SS T*Σ* M.V.A
محضر استلام ابتدائي لمحطة محولات ابوراش الجديدة جهد 11/11 ك ف 1 ع*3 و ف 1 (محطة محولات الصفر الصفر)

انه في يوم الاحد الموافق 29/15/2022 على قرار السيد المهندس رئيس الجهاز التنفيذي لمياة الشرب و الصرف الصحي رقم () الصادر بتاريخ / بتشكيل لجنة الاستلام الابتدائي وقرار رئيس منطقة كهرباء القاهرة رقم (239) بتاريخ 2022/4/18 لمحطة محولات ابوراش الجديدة جهد 11/11 ك ف اجتمع كل من السادة الاجراء اسماهم :

اولاً عن الجهاز التنفيذي :

1. السيد المهندس / الشوقي ابراهيم
 2. السيد المهندس / عصام عوض
 3. السيد المهندس / رامي اسماعيل
 4. السيدة المهندس / بالفيتم محمد
- ثانياً : عن الشركة المصرية لنقل الكهرباء (استشاري المشروع)
1. السيد المهندس / عمرو عبدالفتاح السيد المتولى
 2. السيد المهندس / عصام عبدالرازق الشهاوي
 3. السيد المهندس / عادل محمد عواد
 4. السيد المهندس / خالد حسن الوالي
 5. السيد المهندس / عادل محمد ابو زيد
 6. السيد المهندس / على ابن عبدالرحمن
 7. السيد المهندس / احمد عبدالصمد الفلاح
 8. السيد المحاسب / احمد عبدالمنعم عبدالحي
 9. السيد الاستاذ / احمد عبدالخالق عبدالقادر
 10. السيد الاستاذ / كرم يوسف يوسف
- ثالثاً : عن شركة تيريجا للطاقة و التلوكوم سوليوشنز
1. السيد المهندس / عبدالرحيم عبدالعاطي
 2. السيد المهندس / محمود الوكيل
 3. السيد المهندس / محمد باقوت
 4. السيد المهندس / شحات حسين
 5. السيد المهندس / هيثم ارهامي

وقد اذنت اللجنة بأنه لا مانع من الاستلام الابتدائي لمحطة محولات ابوراش الجديدة جهد 11/11 ك ف بوجود

الملاحظات المرفقة بـ **الاستلام** خلال **ساعات** من تاريخ **12/15/2022**
التوقيعات:
عن الجهاز التنفيذي
عن الشركة المصرية لنقل الكهرباء
عن شركة تيريجا للطاقة و التلوكوم سوليوشنز

29/15/2022

END USER CERTIFICATE

محضر استلام ابتدائي

في يوم السبت الموافق 2017/4/28 اعادة لجنة الاستلام الابتدائية لتشييد وترتيب عمود المهندس في المنطقة كوبرية الظاهر رقم 187 الصادر بتاريخ 2017/3/23 وذلك للاعدادات النهائية لأعمال مشروع كابلات 220 ك.ف. وكابلات الجهد المنخفضة ومخففة بوزن الخط بمحطة تحويل غرب القاهرة بمحطة تحويل الجيزة من جهة محطة تحويلات الجيزة بطول مساح 5.5 كم تقريباً مزودج بطول 1 كم بطول مساح مبالغ عليه شركة ايجيبيز للكابلات والحدثة شركة من اسناد:

- | | |
|--------------------------------------|----------------|
| 1- السيد المهندس / جمال عبدالقادر | رئيس |
| 2- السيد المهندس / محمد سعد فقه | مدير |
| 3- السيد المهندس / ابراهيم عثمان | عضو |
| 4- السيد المهندس / محمد طه السيد ركن | عضو |
| 5- السيد المهندس / يوسف يوسف | العضو القانوني |
| 6- السيد المهندس / هادي شوقي شكري | المصور الفوتو |
| 7- السيد المهندس / محمد شحاتي محمد | عضو |

وتحضر السيد المهندس / جمال عبدالقادر عن شركة ايجيبيز للكابلات

السيد المهندس / محمد سعد فقه عن شركة ايجيبيز للكابلات

وأنه تم المرور على أعمال المشروع والتأكد من وجوده تم الاتفاق من جميع الاسماء وان جميع الاعمال تمت بحسب خطة جوده ولا مانع من استلام الاعمال مستخدماً كشفاً تمهيدياً من تاريخ 2017/3/22 وهو التاريخ وضع الجهد على الكابلات.

وقد تحرر منه محضر بالاستلام الابتدائي لمشروع

مكتب الشركة المنفذة
اسماء العلقه
رئيس اللجنة



1-
2-
3-
4-
5-
6-
7-

EGYPTIAN ELECTRICITY TRANSMISSION COMPANY (EETC)
Chairman
Tel. 22618579 Fax: 22616436



الشركة المصرية لنقل الكهرباء
رئيس مجلس الإدارة
ن 22618579 فاكس 22616436

PERFORMANCE CERTIFICATE TO WHOMSOEVER IT MAY CONCERN

September 20, 2016

This is to certify that Energya Power Cables Company, No: 97 Omar Bin El Khatib Street, 9th Floor, Helipolis, Cairo, Egypt had been awarded the following contract on turnkey basis:

Contract Name: Manufacturing, Supply and installation of 220 KV UG Cables 1 x 1600 Sqmm CU/XLPE/LEAD/HDP/E along with Fiber Optic Cables with its Accessories to connect Helipolis substation with Abu Zabal Switching Station - 10 KM. Route Double Circuit on Turnkey Basis.

Contract awarded By: EGYPTIAN ELECTRICITY TRANSMISSION COMPANY, ABBASIA - CAIRO, EGYPT. TEL: +2-22616537
Contract No. & Date: 02-01-2011
Contract Awarded To: ENERGYA POWER CABLES COMPANY, HELIOPOLIS, CAIRO, EGYPT

It is hereby stated that the contract awarded for supply and installation of 220KV UG Cable 1 x 1600 Sqmm CU/XLPE/LEAD/HDP/E along with Fiber Optic Cables with its accessories to interconnect Helipolis substation with Abu Zabal Switching Station double circuit, 10 Km. route length under turnkey basis has been successfully executed on time in high quality and it has been into operation from March 2013 with no issues.

We are completely satisfied with the performance of Energya Power Cables Company as a Supplier and Main Contractor for 220 KV Underground Cable Project.

Chairman

1st Under Secretary of State,
Ministry of Electricity and Renewable Energy

En Gamal Abdel Rohien
Assistant Circular Officer
Embassy of India
Cairo
Embassy of India accepts no responsibility for the contents

Dr. Hassan M. Hassanin
رئيس اللجنة
مكتب الشركة المنفذة

محضر استلام نهائي

بناءً على القرار الإداري رقم 441 الصادر بتاريخ 2014/8/26 بشأن تشكيل لجنة الاستلام النهائي لمشروع توريد وتركيب كابلات أرضية جهد 220 ك.ف. ومخففتها وكابلات الجهد المنخفضة وملحقاتها لربط محطة محولات توكيد التبين بمحطة محولات جنوب التبين وبحضور كل من:

- | | |
|--|-------------------------------------|
| 1- السيد المهندس / محمد محمود خليفة | رئيساً |
| 2- السيد المهندس / احمد سعد | عضواً |
| 3- السيد المهندس / سيد ضاهر ابراهيم | عضواً |
| 4- السيد المهندس / احمد فضل على | عضواً |
| 5- السيد الأستاذ / ايهاب السيد يوسف | عضواً |
| 6- السيد المحاسب / محمد السيد عبد الوهاب | عضواً |
| 7- السيد الأستاذ / سيد يوسف سيد | عضواً |
| 8- السيد المهندس / عبد الظاهر محمد ابو العزم | مكتب شركة ايجيبيز للكابلات - السويد |

وقد اجتمعت اللجنة بتاريخ 2014/9/4 وقد رأت ان جميع مهمات وأعمال المشروع في قسمه وتعمل بصورة سليمة وعليه فلا مانع من الاستلام النهائي للمشروع اعتباراً من تاريخ 2014/2/28 حيث ان تاريخ الاستلام الابتدائي في 2010/2/28.

لتوقيعات

مكتب الشركة المنفذة
رئيس اللجنة
مكتب الشركة المنفذة

Handwritten signatures and stamps of the project team and the contractor.

END USER CERTIFICATE



Egyptian Electricity Trans. Com Cairo Electricity Zone President Office Tel : 25797592 Fax : 25747885 Cairoresident@eetccz.gov.eg		الشركة المصرية لنقل الكهرباء منطقة كهرباء القاهرة مكتب رئيس المنطقة ت : ٢٥٧٩٧٥٩٢ فاكس : ٢٥٧٤٧٨٨٥
--	--	--

CONSTRUCTION COMPLETION CERTIFICATE

Egyptian Electricity Transmission Company (EETC) Cairo Zone GERZA 220/66/11 kV GIS Substation CONSTRUCTION COMPLETION CERTIFICATE	
This certificate is to certify that the contractor has completed its obligations under this contract related to the construction completion certificate of (Gerza 220/66/11 kV GIS substation)	
Except for supply of (66 kV Future Steel Gantry, UPS, ... etc) In addition to the comments specified in the attached (CCC comments sheet) that should be done.	
This certificate does not relieve the contractor from its obligation under this contract	
As a duty authorized representative of the contractor, I confirm that the above information is accurate and correct	As a duty authorized representative of the Egyptian Electricity Transmission Company (EETC), I confirm that the above information is accurate and correct
Signature: Title: General Manager Date: 11/1/2022	Signature: Title: Head of Section of Ultra HV Date: 11/1/2022
Gerza Substation CONSTRUCTION COMPLETION CERTIFICATE	

Owner : Egyptian Electricity Transmission Company (EETC)	Final Acceptance certificate Delivery & erection of Furniture City 220/11/11KV GIS,SS " Contract no. 6/67/10548" Including power transformer " 220/11/11 KV (75 MVA)	Contractor : Energia El Sewedy HELAL																								
This certificate is signed on According to the decision of head of Delta Zone No(491) dated 16 / 9 /2021 assigning the members of FAC committee of Furniture City 220/11/11KV GIS,SS , Contract no. 10548/67/6). This certificate covers the works done for the above Furniture City 220/11/11KV GIS,SS and its power transformers by the contractor(Energia El Sewedy-Helal) Contract no. 6/67/10548 for Bid for the delivery &erection of Furniture City 220/11/11KV GIS,SS and its power transformers project. This Final Acceptance certificate indicates that the contractor (Energia El Sewedy-Helal) has completed its obligations of this project under the contract . Considering the date of energizing the Substation, is the date of this certificate .																										
<table border="1"> <thead> <tr> <th>Substation</th> <th>Contract No.</th> <th>Warranty period</th> <th>Start</th> <th>End</th> </tr> </thead> <tbody> <tr> <td>Furniture City 220/11/11KV GIS,SS</td> <td>6/67/10548</td> <td>24 Month</td> <td>2019/7/5</td> <td>2021/7/4</td> </tr> </tbody> </table>	Substation	Contract No.	Warranty period	Start	End	Furniture City 220/11/11KV GIS,SS	6/67/10548	24 Month	2019/7/5	2021/7/4																
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EETC committee has accepted the issuance of this Final Acceptance certificate of Furniture City 220/11/11KV GIS,SS with its transformers project.																										
For (Delta Zone) Eng: Felry Rafeek Ali Signature :	For Energia El Sewedy HELAL Signature :																									
<table border="1"> <thead> <tr> <th>Name</th> <th>Signature</th> <th>Name</th> <th>Signature</th> </tr> </thead> <tbody> <tr> <td>1. Eng. Mohamed Saber Ebraheem</td> <td></td> <td>6. Eng. Mohamed Hussein Abed Elbary</td> <td></td> </tr> <tr> <td>2. Eng. Keda Mostafa Gamaa</td> <td></td> <td>7. Eng. Mohamed Arafat Salama</td> <td></td> </tr> <tr> <td>3. Eng. Ayman El Gemay</td> <td></td> <td>8. Eng. Anas Azet El shahaby</td> <td></td> </tr> <tr> <td>4. Eng. El Sayed Barakat El Ashry</td> <td></td> <td>9. Mr. Refaat El-Metwally</td> <td></td> </tr> <tr> <td>5. Eng. Abdo Abed Elkhalck Sayad</td> <td></td> <td>10. Mr. Mahmoud Shaker</td> <td></td> </tr> </tbody> </table>	Name	Signature	Name	Signature	1. Eng. Mohamed Saber Ebraheem		6. Eng. Mohamed Hussein Abed Elbary		2. Eng. Keda Mostafa Gamaa		7. Eng. Mohamed Arafat Salama		3. Eng. Ayman El Gemay		8. Eng. Anas Azet El shahaby		4. Eng. El Sayed Barakat El Ashry		9. Mr. Refaat El-Metwally		5. Eng. Abdo Abed Elkhalck Sayad		10. Mr. Mahmoud Shaker			
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5. Eng. Abdo Abed Elkhalck Sayad		10. Mr. Mahmoud Shaker																								

Sonker GIS 66/22 KV- (2X40MVA) Substation Final Acceptance Certificate	
Contract Details	
Project: Sonker GIS 66/22 KV (2x40MVA) substation Owner: Sonker Bunkering Company Contractor: energia power and telecom solutions / Energia-PTS FAC date: 5-4-2022 Time Delay days: NA	
This is to certify that the contractor has completed all his obligations under this contract, the final acceptance certificate for: - Construction Sonker GIS 66/22 KV- (2X40MVA) substation on turnkey basis, within the contractual execution period and as per contract, technical specifications of Egyptian electricity transmission company (EETC).	
Owner, Sonker Bunkering Company:	
Yehia Awad Maintenance Manager	Ayman El Orbany E & I Section Head
Contractor, Energia-PTS:	
Taha Aly Ibrahim General Manager	Abel Reheem Abdelaty Operation Director
	Motaz Galal Project Manager

END USER CERTIFICATE

محضر الاستلام النهائي

مشروع الخط الكهربائي لربط مصنع المراكي للصلب بمحطة محولات 6 أكتوبر (1) بالشبكة الكهربائية الموحدة جيد 66 ك.ف (كاتلاز / رضى و هوانى) تنفيذ شركة ايرجيا للتحافة والتيليكوم سوليوشنز .

انه في يوم الاثنين الموافق 2016/7/25 اجتمعت اللجنة المشكلة بالقرار الادارى رقم (281) لسنة 2016 الصادر بتاريخ 2016/6/26 برئاسة السيد المهندس / سامي محمود محمد على وعضوية كمن من :-

- 1- السيد المهندس / احمد فهد على أمين
- 2- السيد المهندس / محمد فاروق محمد وهب
- 3- السيد المهندس / وديع سمعان حنا
- 4- السيد المهندس / بيتر حنا فاضل
- 5- السيد فاضل / محمد كامل
- 6- السيد فاضل / حماد عبد المجيد محمد
- 7- السيد الأستاذ / حازم اسماعيل على

في حضور كمن من :-

- السيد المهندس / طارق حمود صائق
- السيد المهندس / ايمن سامي منصور

وذلك للاستلام النهائي للاعمال المنفذة بمعرفة شركة ايرجيا للطاقة والتيليكوم سوليوشنز عن مشروع الخط الكهربائي لربط مصنع المراكي للصلب بمحطة محولات 6 أكتوبر (1) بالشبكة الكهربائية (كاتلاز / رضى و هوانى) من شركة ايرجيا للطاقة والتيليكوم سوليوشنز وقد قامت اللجنة بمعاينة الاصل ومعاينة كمن ان جميع الاصل تمت حياطة جيدة طبقا للمواصفات الفنية .

وقد تحرر هذا محضر الاستلام النهائي من تاريخ 2016/3/22 وهو تاريخ وضع الجهد على الكابلات حيث انه تم وضع الجهد على الكابلات والكلابوتت والكلابوتت الهوائي بتاريخ 2016/3/22 الموافق 2016/3/22

رئيس اللجنة
 أعضاء اللجنة
 1- السيد المهندس / احمد فهد على أمين
 2- السيد المهندس / محمد فاروق محمد وهب
 3- السيد المهندس / وديع سمعان حنا
 4- السيد المهندس / بيتر حنا فاضل
 5- السيد فاضل / محمد كامل
 6- السيد فاضل / حماد عبد المجيد محمد
 7- السيد الأستاذ / حازم اسماعيل على

شركة النهضة للصناعات

الى من يهمه الامر

تشهد شركة النهضة للصناعات بان شركة ايرجيا للطاقة و الاتصالات قد قامت بتنفيذ توريد وتركيب شبكة تجميع المتوسط والمنخفض الجهد الكهربائي لتطبيقات الإبرار ومحطات الفرع وكذلك القيام بتوريد وتركيب خط التوزيع بالطريق المؤدي الي مصنع النهضة و المشاملة على 29 كم خطوط هوائية جيد 11 ك.ف و 40 كم خطوط أرضية جيد متوسط ومنخفض و لوحة توزيع ومحولات و أجهزة اقتراب و تسوية الطارق.

و تم تم تنفيذ الأعمال طبقاً للمواصفات و الاتفاقيات الفنية المتفق. و قد اعطيت هذا الشهادة بناء على طلب شركة ايرجيا للطاقة و الاتصالات و دون ائني مسؤولة مالية او قانونية على شركة النهضة للصناعات.

TO WHOM IT MAY CONCERN

El-Nahda Industries Company hereby certify that, M/S Energya Power & Telecom Solutions has successfully executed and complete The Supply and Construction of Medium Voltage Distribution Power Lines and Associated Low Voltage Network for electric pump wells and stations lifts, as well as to the implementation of the supply and installation of the line of lighting the road to El-Nahd factory which consist of: 29 km Overhead Transmission Lines for 11 kV, 40 km Underground Medium & Low Voltage Network, distribution panel, transformers, air circuit breakers, lighting poles and roads leveling.

The above works were carried out in accordance with the specification and technical condition of the contract.

This certificate issued according to Energya Power & Telecom Solutions request without any finance or legality responsibility on El-Nahda Industries Company.

و تقصدا بقول لائق الاحرام ...



TOC -SONKR 66/22 KV GIS SS



Sonker GIS 66/22 KV- (2X40MVA) Substation

Taking Over and Acceptance certificate (TOAC)

Contract Details	
Project: Sonker GIS 66/22 KV- (2x40MVA) substation	
Owner: Sonker bunkering company	
Consultant : Electric Power System Engineering Co "EPS"	
Contractor: energya power and telecom solutions/Energya-PTS	
TOAC date: 25-3-2020	Time Delay days : NA

Project SOW:
 The work under this package shall cover on turnkey basis, engineering, design, manufacture, factory testing, CIF delivery, inland transportation to site, civil works, erection, testing at site, setting to work, putting in operation, insurance till handing over, guarantee, training and assistance during guarantee period for Sonker 66/22 kv GIS SIS including 2 x 40 MVA 66/22kv transformers and their accessories, panels, AVRs and Online Early Fault Detector (OLEFD). In addition to the 66 kV accessories, panels, AVRs and Online Early Fault Detector (OLEFD). In addition to the 66 kV accessories, panels, AVRs and Online Early Fault Detector (OLEFD).

Description of work accepted:
 This to certify that the contractor has completed all his obligations under this contract, the taking over and acceptance certificate for:- Construction Sonker GIS 66/22 KV- (2X40MVA) Substation on turnkey basis, within the contractual execution period and as per contract , technical specifications of Egyptian electricity transmission company (EETC) ,EPS standard's, the substation is ready for energize free of snags or punch lists , by signing this certificate Sonker 66/22 SS custody will be directly transferred to M/s Sonker's Company, accordingly warranty will go into force from TOAC ISSUANCE date vide contractual agreement clauses 2.1.16 & 38 at General conditions and all consequential payment and retentions shall be released.

Contractor: Energya-PTS
 Project Manager Name, sign and Seal
 Ahmed Hussein

Owner: Sonker Bunkering Company:
 Sonker's Company seal

Project Manager Name, sign
 Mr. Magdy Tawfik

Client representative EPS Name, sign
 Mrs. Asmaa Aldesoky

Projects Manager Name, sign
 Mr. Frans VanBruegel

Energya to submit required documents as per contract .
 Attachments
 ccc

END USER CERTIFICATE

محضر استلام إنكادني

مشروع كابلات مترو المحمية / استاد شرق القاهرة

جهد ٢٢٠ ك ف قطام ١٢٠٠ X1 مم لحاس عزل XLPE

تم في يوم ٢٠١٦/١٠/٢٤ قد قامت اللجنة المشكلة بالقرار (٤١٠) لسنة ٢٠١٦/٩/٢٣ من السيد المهندس / رئيس منطقة كبرياء القاهرة:

ويحضر كلا من /
السيد المهندس / احمد محمد كذايى محمد
السيد المهندس / لطفى عبد الصبور ابو العزم
السيد المهندس / مصطفى سلامة حسن عبد الحفى
السيد المهندس / سيد الطاهر ابراهيم
السيد الاستاذ / ايهاب السيد يوسف
السيد الاستاذ / طارق بيجت عبد الحميد
السيد الاستاذ / محمد السيد عبد الوهاب
السيد الاستاذ / محمود عبد القاهر
السيد المهندس / عبد الناصر محمد ابوالعزم
السيد الاستاذ / همدى حسين عبداله
يتشور على مسر مشروع كابلات جهد ٢٢٠ ك ف تربط محطة مترو المحمية بمحطة استاد ومحطة شرق القاهرة قطاع ١٢٠٠ مم لحاس عزل XLPE من شركة الجزيرة للكابلات - السويدى (المنفذ للمشروع) وقد رأيت اللجنة أنه لا بد من استلام المشروع ليكتمل وتدوين ملاحظات إقراراً من تاريخ ٢٠١٦/٥/٥ وهو تاريخ إطلاق الكابلات وتمتدته سم الاستاذ محمد السيد / رئيس اللجنة ورئيس شركة الجزيرة.

هذا محضر بالاستلام الإبداعي للمشروع ...

مندوب شركة الجزيرة - السويدى	أعضاء اللجنة	رئيس اللجنة
د/ عبد القاهر محمد ابوالعزم	د/ لطفى عبد الصبور ابو العزم	د/ احمد محمد كذايى محمد
د/ همدى حسين عبداله	د/ مصطفى سلامة حسن عبد الحفى	
	د/ سيد الطاهر ابراهيم	
	د/ ايهاب السيد يوسف	
	د/ طارق بيجت عبد الحميد	
	د/ محمد السيد عبد الوهاب	
	د/ محمود عبد القاهر	

شركة مصر الوسطى لتوزيع الكهرباء
قطاع كهرباء كراءى الجديدة
مفدسة كهرباء شرق الغرمنت

محضر استلام إنكادني

تم في يوم الاحد الموافق ٢٠١٦/٩/٣٠ بمنطقة شرق القويكات اجتمعت اللجنة المشكلة بالقرار الاتارى رقم ٥١٧ بتاريخ ٢٠١٦/٤/١٥ لبحث اجراءات الاستلام الإبداعي للقطعة رقم ٥ معاونة شركة ترجيا للقطعة وشايكوم سايوشنر) التي تخص الاعمال المنفذة بالنسبة للخطوط جهد ٢٢ ك ف. الاكثاف المعزج جهد ٢٢ ك ف. ووجدت اللجنة انه لا بد من استلام هذه الاعمال استلاماً ابتدائياً مع ضرورة الالتزام بنهج الملاحظات المدونة بالمشرف المرفقة عدد (٣ ثلاثة) ورقة في موعد اقصد شهر من تاريخه وهذه المشرف موقعة من مندوب العقود ومندوبى شركة مصر الوسطى لتوزيع الكهرباء واستمضى المشروع الشركة المصرية لهندسة النظم والكهرباء.

وهذا محضر من بنك

شركة مصر الوسطى

استشارى المشروع

المعاون

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محضر استلام إنكادني

لبناء الى مشروع تنفيذ كابلات ارضيه تربط محطة كبرياء مصنع جوشى لصناعة التليبر جلاس بالمحطة الاقتصادية بلعين اسفله بكابلات جهد ٦٦ ك ف مزوج الدارة بطول تقريبي ١١ كيلومتر.

تم بتاريخ الموافق ٢٠١٧/٩/٢٠ قامت اللجنة الخاصة بالاستلام الإبداعي للمشروع عليه وهى:

- ١- السيد الاستاذ / كريم محمد النونى نائب مدير عام مصنع جوشى لصناعة التليبر جلاس
- ٢- السيد المهندس / محمد عادل زكى مدير اداره الصيانة والمراقب العام
- ٣- السيد المهندس / طارق حسين صديق مدير مشروعات - مجموعه ايجرجيا للطاقة

٤- السيد المهندس / محمد عبد الرزاق مدير تنفيذى لمشروع مصنع جوشى لتليبر جلاس

وقد أقيمت اللجنة الاستلام الإبداعي لمشروع ربط محطة كبرياء مصنع جوشى للتليبر جلاس بمحطة محولات الاقتصادية بلعين اسفله بكابلات قطاع ٦٦ ك ف مزوج الدارة حيث ان المهمات

وتنفيذ الاعمال تمت بصور جيدة ومقابلة لتسوية والمواصفات وبغير تأخير وضع الجهد بتاريخ ٢٠١٧/٩/٢٠

٣- السيد المهندس / محمد عادل زكى مدير اداره الصيانة والمراقب العام

وعلى ذلك جرى التوقيع

١- السيد المهندس / محمد عادل زكى

٢- السيد المهندس / محمد عبد الرزاق

٣- السيد المهندس / طارق حسين صديق

٤- السيد المهندس / محمد عبد الرزاق

محضر استلام نهائي

بناءً على القرار الإداري رقم 441 الصادر بتاريخ 2014/8/26 بشأن تشكيل لجنة الاستلام النهائي لمشروع توريد وتركيب كابلات أرضية جهد 220 ك.ف. ومخفاتها وكابلات الألياف الضوئية وملحقاتها لربط محطة محولات توليد التبين بمحطة محولات جنوب التبين وبحضور كل من :-

- | | |
|---|-------------------------------------|
| 1- السيد المهندس / محمد محمود خليفة | رئيساً |
| 2- السيد المهندس / احمد سعد | عضواً |
| 3- السيد المهندس / سيد ضاهر ابراهيم | عضواً |
| 4- السيد المهندس / احمد فضل على | عضواً |
| 5- السيد الأستاذ / ايهاب السيد يوسف | عضواً |
| 6- السيد المحاسب / محمد السيد عبد الوهاب | عضواً |
| 7- السيد الأستاذ / سيد يوسف سيد | عضواً |
| 8- السيد المهندس / عبدالقادر محمد ابو العزم | مدرّب شركة ايزوا للتكاملات - سويسرا |

وقد اجتمعت اللجنة بتاريخ 2014/9/4 وقد رأت ان جميع مبيدات واعمال المشروع في الضمعة وتعمل بصورة جيدة ولحمه وعليه فلا مانع من الاستلام النهائي للمشروع اعترافاً من تاريخ 2014/2/28 حيث ان تاريخ الاستلام الابتدائي في 2010/2/28 .

التوقيعات

مدرّب الشركة المنفذة

اعضاء اللجنة

رئيس اللجنة

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محضر استلام ابتدائي

انه في يوم الثلاثاء الموافق 2014/1/19 اجتمعت لجنة الاستلام الابتدائي المشكلة بقرار رئيس منقطة كبرياء القاهرة رقم ١٢ الصادر بتاريخ 2014/1/4 وذلك للاستلام الابتدائي لاعمال كابلات ارضية جهد 220 ك.ف. وكابلات الألياف الضوئية ومخفاتها لربط محطة محولات فضية (٢) بكل من محطات محولات الجزيرة والهرم مزوج الاذرة بلقلم تسليم مقايح تنفيذ شركة البرجيا للتكاملات والمكونه من اقصاد :-

- | | |
|--------------------------------------|--------------|
| 1- السيد المهندس / احمد سعد طه | رئيساً |
| 2- السيد المهندس / روماني علام نحاته | عضواً |
| 3- السيد المهندس / محمد شه السيد زكي | عضواً |
| 4- السيد المهندس / جمال بدر حسين | عضواً |
| 5- السيد الأستاذ / حازم اسماعيل على | العضو التقني |
| 6- السيد المحاسب / هاني شوقي شاكر | العضو المسكى |
| 7- السيد الأستاذ / محمد شلقلي محمد | عضواً |

وبحضور السيد المهندس / طارق حسين صائق

وقد تم المرور على اعمال المشروع المذكور ووجد انه تم الاقضاء من جميع الاعمال وان جميع الاعمال تمت بحالة جيدة ولا مانع من استلام الاعمال استلاماً ابتدائياً اعترافاً من تاريخ 2014/1/26 وهو تاريخ وضع الجهد .

وقد تحرر هذا محضراً بالاستلام الابتدائي للمشروع .

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محضر استلام ابتدائي

لمشروع كابلات 220 ك.ف. لربط محطة محولات هليوبوليس بمحطة مسكين نيوز سيل وكابلات الألياف الضوئية وملحقاتها

انه في يوم الخميس الموافق 2014/3/10 قامت اللجنة المشكلة بالقرار الإداري رقم ١١٦ لسنة 2014 الصادر بتاريخ 2014/2/24 من السيد المهندس / وديع منقطة كبرياء القاهرة .

وبحضور كل من :-

- | | |
|--|--------|
| 1- السيد المهندس / محمد محمود على خليفة | رئيساً |
| 2- السيد المهندس / سيد جمال شعراوى | عضواً |
| 3- السيد المهندس / احمد سعد طه | عضواً |
| 4- السيد المهندس / سيد الطاهر ابراهيم | عضواً |
| 5- السيد المهندس / كرم محمود عبدالقادر | عضواً |
| 6- السيد الأستاذ / ايهاب السيد يوسف | عضواً |
| 7- السيد المهندس / محمد السيد عبد الوهاب | عضواً |
| 8- السيد الأستاذ / طارق ابراهيم على | عضواً |
| 9- السيد المهندس / طارق حسين صائق | عضواً |
| 10- السيد المهندس / محمد برهان احمد على | عضواً |

وقد قامت اللجنة بالمرور على مشروع كابلات 220 ك.ف. مفاس 110001 عملاً ضمن ظل 14242 لتلف شركة الجزيرة للتكاملات - سويسرا . ما من هتوبوليس / نيوز سيل باللقم تسليم مقايح وقد رأت اللجنة انه لا مانع من استلام المشروع ابتدائياً وبدون ملاحظات استناداً من تاريخ 2014/3/10 وهو تاريخ اطلاق التيار بالكابلات وتمت كابلات الياف الضوئية وملحقاتها

وهذا محضر الاستلام الابتدائي للمشروع

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END USER CERTIFICATE

محضر استلام ابتدائي

انه في يوم الاربعاء الموافق 2012/11/20 اجتمعت لجنة الاستلام الابتدائي المشكلة بقرئ
رئيس منظمة كهرباء القاهرة رقم 557 الصادر بتاريخ 2012/11/18 وذلك لاستلام الانشائي
لاعمال كابلات 220 كلاف ، ككابلات الجهد المتوسط والمنخفضا في ربط محطة محولات
خضوة 2 بمنطقة محولات خضوة 2 مزيج طائفة نظام تسليم مفتح لتفدي شركة تيرجيا
للكابلات وشبكة مكونه من اسلاك :-

- | | |
|--|-----------------|
| 1- السيد المهندس / احمد سعد طه | رئيسه |
| 2- السيد المهندس / رومان حاتم شحاته | عضوا |
| 3- السيد المهندس / محمد مده السيد زكي | عضوا |
| 4- السيد المهندس / منال عبدالهادي الجندي | عضوا |
| 5- السيد الاستاذ / ايهاب السيد يوسف | المحضر القانوني |
| 6- السيد المهندس / هاني شوقي شاكر | المحضر المالي |
| 7- السيد الاستاذ / محمد شوقي محمد | عضوا |

وبحضور السيد المهندس / طارق حسين صادق عن شركة تيرجيا للكابلات
وقد تم المرور على اصل المشروع وشكروا ووجد انه تم الانتهاء من جميع الاعمال ومن جميع
الاصول لغت بحدة جيدة ولا مانع من استلام الاعمال استلاما ابتدائيا اعتبارا من تاريخ
2012/11/20 وهو تاريخ وختم الجهد

وقد تقرر هذا محضرا بالاستلام الابتدائي للمشروع

- شركة تيرجيا للكابلات
- التحفة
- 1- السيد المهندس / احمد سعد طه
 - 2- السيد المهندس / رومان حاتم شحاته
 - 3- السيد المهندس / محمد مده السيد زكي
 - 4- السيد المهندس / منال عبدالهادي الجندي
 - 5- السيد الاستاذ / ايهاب السيد يوسف
 - 6- السيد المهندس / هاني شوقي شاكر
 - 7- السيد الاستاذ / محمد شوقي محمد

استلام
شركة تيرجيا للكابلات
2012/11/20

محضر استلام ابتدائي

لمشروع توريد كابلات ارضية جهد 66 ك.ف. كاملا بملحظا وكابلات الاليف الضوئية لربط
عملة محولات مديني محطة محولات القاهرة الجديدة جهد 66/220 ك.ف. من شركة الجزيرة
للكابلات - - السويدي

انه في يوم الخميس الموافق 2012/11/20 اجتمعت اللجنة المشكلة بالقرار الإداري رقم
(91) لسنة 2010 الصادر بتاريخ 2010/11/24 برئاسة السيد المهندس / احمد محمد قنديل -
مدير عام كابلات الجهد العالي شمال وصوتية كل من :-

- | | |
|--------------------------------------|-------------------------------------|
| السيد المهندس / محمد محمود عبد الحسن | مهندس كابلات الجهد العالي |
| السيد المهندس / سيد الطاهر ابراهيم | مهندس مشروعات كابلات |
| السيد الاستاذ / محمد عبد الفتاح | فني كابلات الجهد العالي |
| السيد الفخر / طارق بيجت | فني آليات حثوية |
| السيد المهندس / هاني شوقي شاكر | عن الشؤون المالية لمشروعات الكابلات |
| السيد الاستاذ / حسن محمود حسن | عن الشؤون القانونية |

في وجود كل من :-

السيد المهندس / عبد الطاهر محمد أبو العزم عن شركة الجزيرة للكابلات - السويدي
السيد الاستاذ / حدى حسين محمد عبد الله عن شركة الجزيرة للكابلات - السويدي
وذلك لاستلام الابتدائي للأعمال المنفذة بمعرفة شركة الجزيرة للكابلات - السويدي عن مشروع
توريد وتركيب كابلات ارضية جهد 66 ك.ف. كاملا بملحظا وكابلات الاليف الضوئية لربط
عملة محولات مديني محطة محولات القاهرة الجديدة جهد 66/220 ك.ف. من شركة الجزيرة
للكابلات - السويدي وقد قامت اللجنة بمعاينة الأعمال ومنها تبين أن جميع الأعمال تمت بحالة جيدة
طبقا للمواصفات الفنية وتم استلام الرسومات الخاصة بالمشروع (حسي نسخ + حسة CD)
وقد تقرر هذا محضرا للاستلام

الشركة المنفذة

أعضاء اللجنة

محضر استلام ابتدائي

لمشروع كابلات 220 ك.ف. ذ لربط محطة توليد
1 أكتوبر في اتجاه الشيخ زايد وكابلات الاليف الضوئية وملحظا

انه في يوم الالة الموافق 2012/11/20 قامت اللجنة المشكلة بالقرار الإداري رقم 350 لسنة 2012 الصادر
بتاريخ 2012/11/14 من السيد المهندس / رئيس منظمة كهرباء القاهرة
وبحضور كل من:

- | | |
|--|------------------------------------|
| السيد المهندس / محمد محمود عني خليفة | رئيسا |
| السيد المهندس / عني عبد القاسم أبو العزم | عضوا |
| السيد المهندس / مصطفى سلامة حسن عبد الحسي | عضوا |
| السيد المهندس / سيد الطاهر ابراهيم | عضوا |
| السيد المهندس / عبد المعود عبد الفتاح بدر | عضوا |
| السيد المهندس / ايهاب السيد يوسف | عضوا |
| السيد المهندس / محمد السيد عبد الوهاب | عضوا |
| السيد الاستاذ / شرفه عبد شامر سعد | عضوا |
| السيد المهندس / طارق عبد الحميد وكت الجندي | عن شركة الجزيرة للكابلات - السويدي |
| السيد المهندس / محمد ترم عبد القاهر | عن شركة الجزيرة للكابلات - السويدي |

وقد قامت اللجنة بالمرور على مدار مشروع كابلات 220 ك.ف. فمقتضى 500 اسم 250 عازل
XPE لغت شركة الجزيرة للكابلات - السويدي وقد لاند اللجنة له لا مانع من استلام المشروع ابتدائيا وبكون
ملاحظات احتجرا من تاريخ 2012/11/20 وهو تاريخ إعلان غلطان بالقبالات وكافة خزانات الاليف الضوئية
وملحظا، مما يمان شاكرا في إعلان قبتر زامع لأمداء - خارجه عن إندة لشركة.

وهذا محضرو بالاستلام الابتدائي للمشروع

مستوب شركة الجزيرة للكابلات - السويدي

أعضاء اللجنة

رئيس اللجنة

السيد المهندس / محمد محمود عني خليفة

السيد المهندس / عني عبد القاسم أبو العزم

السيد المهندس / مصطفى سلامة حسن عبد الحسي

السيد المهندس / سيد الطاهر ابراهيم

السيد المهندس / عبد المعود عبد الفتاح بدر

السيد المهندس / ايهاب السيد يوسف

السيد المهندس / محمد السيد عبد الوهاب



QUALITY

QUALITY MANUAL

1-1 Purpose of this Manual

This manual is prepared to clarify company commitments towards quality, describes the procedures and processes implemented according to Quality Management System in order to get our customers satisfaction by achieving their requirements and expectation in their projects.

1-2 Manual Structure

The manual is structured in a similar manner to the international standard ISO 9001/2015 to facilitate reviewing of our systems by both customers and certification body.

A. Purpose:

To ensure control of the manual issues & changes according to certain procedure.

1-3 Control of Manual Issues & Changes

Issue	Date	Description
1		
2		

1-4 Manual Accessibility

- Departments and Project Managers are responsible for assuring that manual is reviewed by all authorized personnel.
- This manual is company property and it prohibited to recopy or given to others without permission from the Quality Manager.

2-1 Historical Background

ENERGYA PTS was established as an Egyptian Shareholding Company in 2001. The company's vision reflects the fierce ambition of its shareholders in positioning ENERGYA PTS in the market among the leading construction organizations.

2-2 Our Vision

Our reflects the fierce ambition of its shareholders in positioning ENERGYA PTS in the market among the leading construction organizations vision.

2-3 Our Mission

Our mission is to carry out Mega construction projects. We use agile Project Management Methodologies to tackle the challenges in a high dynamic industry:

- Providing complete construction solutions on a turn-key basis.
- Technical excellence.
- Professional and personal service.
- Depth and breadth of products.
- Global network.
- Innovation.
- International procurement expertise.

2-4 Our Markets

- Public and private sector.
- Private and Authorities / Entities / Governments.
- Infrastructure projects.
- Industrial projects.
- Residential projects.
- Construction Projects.



2-5 Product Range

Our end-to-end service for the following sectors:

- Roads and Bridges
- Transmission Line Projects
- Substations
- Water Treatment Solutions
- Construction and Infrastructure

2-6 Contact Us

Address: ENERGYA PTS , 56 Thawra St.- Heliopolis, Cairo, Egypt.

Tel: (+202) - 26900014

Website: <http://www.energyya.com>



3-1 Understanding the Organization and its Context

- The company determines the external and internal issues that are relevant to its purpose and its strategic direction and that affect its ability to achieve the intended result(s) of its Quality Management System.
- The company considers at the understanding the external context, issues arising from legal, technological, competitive, market, cultural, social, and economic environments, whether international, national, regional, or local.
- The company considers at the understanding of the internal context, issues related to values, culture, knowledge, and performance of the organization.
- The company monitors and reviews information of the external and internal issues at least once a year during the management review meeting.
- The company updates the internal and external issues information, if necessary, based on the review results.

3-2 Understanding the Needs and Expectations of Interested Parties

- Due to their effect or potential effect on the company's ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements, the company determines:
 - a. The interested parties that is relevant to the Quality Management System.
 - b. The requirements of these interested parties that are relevant to the Quality Management System.
- The company monitors and reviews information about these interested parties and their relevant requirements at least twice a year during the management review meeting.

3-3 Determining the Scope of the Quality Management System

3-3-1 General

- The company has determined the boundaries and applicability of the Quality Management System to establish its scope. When determining this scope, the company has considered:
 - a- The external and internal issues.
 - b- The requirements of relevant interested parties.
 - c- The projects and services of the company.
- The company has made the scope of the Quality Management System available and maintained as documented information.
- The scope of the Quality Management System States the types of Projects and services covered and provides justification for any requirement of ISO 9001/2015 Standard that the company determines is not applicable to the scope of its Quality Management System.
- The requirements determined as not being applicable do not affect the company's ability or responsibility to ensure the conformity of its Projects/Products and services and the enhancement of customer satisfaction.

3-3-2 Scope of Quality Management System

3-3-2-1 Activities

As an engineering contractor working in the areas of residential, mechanical, and electrical projects including civil works.

The construction work of:

- Residential
- Roads and Bridges
- Transmission Line Projects
- Substations
- Water Treatment Solutions.
- Partial or complete fulfillment of procurement needed for above listed activities.

Company may act as a main contractor or participates as a member of a consortium or as a subcontractor.

Company practices the above-mentioned activities both locally and abroad. In implementing any of these projects, many interrelationships could be established between ENERGYA PTS and other bodies who principally include:

the customer, consultants, supplying vendors and manufacturers, main contractors, subcontractors, and other consortium members.

3-3-2-2 Applicability and Justifications

- The QMS Includes the application of all ISO 9001/2015 requirements.

3-4 Quality Management System and its Processes

The company has established, implemented, maintained and continually improved its Quality Management System, including the processes needed and their interactions, in accordance with the requirements of ISO 9001/2015 requirements through the following steps:-

Review of all processes implemented to ensure achieving of customer requirements and satisfaction, starting from studying and reviewing of tenders and contracts, to define customer requirements, providing needed engineering, procurement, resources, information, assuring quality of executed works, and up to projects turn-over to customer.

The company has determined the processes needed for the Quality Management System and their application throughout the company, and:

- Has determined the inputs required and the outputs expected from these processes.
- Has determined the sequence and interaction of these processes.
- Has determined and apply the criteria and methods (including monitoring, measurements and related performance indicators) needed to ensure the effective operation and control of these processes.
- Has determined the resources needed for these processes and ensure their availability.
- Has assigned the responsibilities and authorities for these processes.
- Addressed the risks and opportunities for these processes.
- Has evaluated these processes and implements any changes needed to ensure that these processes achieve their intended results.
- Improves the processes and the Quality Management System.
- The company Maintains documented information to support the operation of its processes.
- The company Retains documented information to have confidence that the processes are being carried out as planned.

4-1 Leadership and Commitment

4-1-1 General

Top management demonstrates leadership and commitment with respect to the Quality Management System by:

- Taking accountability for the effectiveness of the Quality Management System.
- Ensuring that the quality policy and quality objectives are established for the Quality Management System and are compatible with the context and strategic direction of the company.
- Ensuring the integration of the Quality Management System requirements into the organization's business processes.
- Promoting the use of the process approach and risk-based thinking.
- Ensuring that the resources needed for the Quality Management System are available.
- Communicating the importance of effective quality management and of conforming to the Quality Management System requirements.
- Ensuring that the Quality Management System achieves its intended results.
- Engaging, directing, and supporting persons to contribute to the effectiveness of the Quality Management System.
- Promoting improvement.
- Supporting other relevant management roles to demonstrate their leadership as it applies to their areas of responsibility.



4-2-2 Communicating the Quality Policy

Top management ensures the quality policy is:

- Available and be maintained as documented information.
- Communicated, understood and applied within the organization.
- Available to relevant interested parties, as appropriate.

4-3 Organizational Roles, Responsibilities and Authorities

Responsibility and authority are determined through organization chart, job description cards for all positions, quality system procedures and work instructions which being available for all employees according to their job positions.

Top management ensures that the responsibilities and authorities for relevant roles are assigned, communicated and understood within the company.

Top management has assigned the following responsibilities and authorities for management representative:

- Ensuring that the Quality Management System conforms to the requirements of ISO 9001/ 2015 standard.
- Ensuring that the processes are delivering their intended outputs.
- Reporting on the performance of the Quality Management System and on opportunities for improvement in particular to top management.
- Ensuring the promotion of customer focus throughout the company.
- Ensuring that the integrity of the Quality Management System is maintained when changes to the Quality Management System are planned and implemented.

5-1 Actions to Address Risks and Opportunities

When planning for the Quality Management System, the company considers the internal and external issues and the requirements of the interested parties and determines the risks and opportunities that need to be addressed to:

- Give assurance that the Quality Management System can achieve its intended result(s).
- Enhance desirable effects.
- Prevent, or reduce, undesired effects.
- Achieve improvement.

The company plans:

- How to integrate and implement the actions into its Quality Management System processes.
- How to evaluate the effectiveness of these actions.
- Actions taken to address risks and opportunities will be proportionate to the potential impact on the conformity of products and services.
- Options to address risks can include avoiding risk, taking risk to pursue an opportunity, eliminating the risk source, changing the likelihood or consequences, sharing the risk, or retaining risk by informed decision.
- Opportunities can lead to the adoption of new practices, launching new Projects/Products, opening new markets, addressing new customers, building partnerships, using new technology and other desirable and viable possibilities to address the company's or its customers' needs.



5-2 Quality Objectives and Planning to Achieve them

a-The company establishes quality objectives at relevant functions, levels and processes needed for the Quality Management System. The company ensures that the quality objectives will:

- Be consistent with the quality policy will be the company makes sure that quality objectives.
- Be measurable.
- Take into account applicable requirements.
- Be relevant to conformity of Products/Projects and services and to enhancement of customer satisfaction.
- Be monitored.
- Be communicated.
- Be updated as appropriate.

The company maintains documented information on the quality objectives.

b-When the company planning how to achieve its quality objectives

it will be determined: -

- What will be done?
- What Resources will be required?
- Who will be responsible?
- When it will be completed.
- How the results will be evaluated.



5-3 Planning of Changes

When the company determines the need for changes to the Quality Management System, the changes will be carried out in a planned manner The company will consider:

- The purpose of the changes and their potential consequences.
- The integrity of the Quality Management System.
- The availability of resources.
- The allocation or reallocation of responsibilities and authorities.
- How the results will be evaluated.

6-1 Resources

6-1-1 General

As we here in ENERGYA PTS consider people is one of the greatest assets, Human Resources puts an aggressive criterion for acceptance of employees to join ENERGYA PTS especially those whom affecting by their job the product quality as specified in detail as per the documented procedure "Recruitment Procedure & Performance Management Procedure.

6-1-2 People

1. Human Resource Director define the job specification, skills needed for all employees, especially those who affecting quality of product as per job description card, also as a motivation factor career path of each job has been defined and well specified.
2. In case of the selected employee is qualified, but need to increase some specific skill, training and awareness are conducted to satisfy the required need. Details of training system and procedure are detailed in the documented procedure "Training Procedure".
3. Customer complaints, defected products are the main sources for assigning training needs.
4. System for training effectiveness measurement and evaluation is setup to be sure the training process is effective and add new value.



6-1-3 Infrastructure

ENERGYA PTS shall determine, provide, and maintain the infrastructure necessary for the operation of its processes and to achieve conformity of products and services.

NOTE Infrastructure can include:

- a) Buildings and associated utilities;
- b) Equipment, including hardware and software;
- c) Transportation resources;
- d) Information and communication technology.

6-1-4 Environment for the Operation of Processes

The organization shall determine, provide and maintain the environment necessary for the operation of its processes and to achieve conformity of products and services.

- NOTE: A suitable environment can be a combination of human and physical factors, such as:

- a) Social (e.g. non-discriminatory, calm, non-confrontational);
- b) Psychological (e.g. stress-reducing, burnout prevention, emotionally protective);
- c) Physical (e.g. temperature, heat, humidity, light, airflow, hygiene, noise). These factors can differ substantially depending on the products and services provided.

6-1-5 Monitoring and Measuring Resources

6-1-5-1 General

The company determines and provides the resources needed to ensure valid and reliable results when monitoring or measuring is used to verify the conformity of products and services to requirements.

The company ensures that the resources provided:

- Are suitable for the specific type of monitoring and measurement activities being undertaken.
- Are maintained to ensure their continuing fitness for their purpose.
- The company retains appropriate documented information as evidence of fitness for purpose of the monitoring and measurement resources.

6-1-5-2 Measurement Traceability

- Before starting any project a plan for inspection and test is prepared by the Project Manager in coordination with the Quality Department.
- The inspection and test plan determines the methods used and measuring devices needed to ensure the conformity of supplied materials and installation works to the specification stated in the contract.
- Quality Department provides projects with the needed measuring devices either from the available stock or by purchasing.

A semiannual calibration plan for measuring equipment is executed by subcontractors or internally according to documented work instruction.

- Calibration status is defined by stickers on the device with the calibration date and the due date of the next calibration.
- Protection from damage and deterioration during handling, use and storage for measuring devices is the responsibility of the user and the warehouse keeper.
- Measuring devices are returned to Quality Department for calibration in due date or if there is any doubt in measured results.

Quality control engineers in the projects are responsible for the assessment of previous measuring results, recording it and taking the necessary actions on the affected work.

- Calibration and inspection records are maintained in Quality Control Department.
- Quality Control Department and Maintenance Department is responsible maintenance, calibration, measuring results, records and necessary actions taken on the affected products.

6-1-6 Organizational Knowledge

- The company determines the knowledge necessary for the operation of its processes and to achieve conformity of products and services.
- This knowledge have been maintained and made available to the extent necessary.
- When addressing changing needs and trends, the company considers its current knowledge and determines how to acquire or access any necessary additional knowledge and required updates.

6-2 Competence

Due to the nature of works done by ENERGY PTS to its customers and its need for high level of quality, so the human resources are considered the main element to achieve conformity with customer specifications and requirements. So, ENERGY PTS is hiring a large number of competent engineers and expert technicians in the field of mechanical and electrical constructions, and equipment maintenance. Before starting execution of any new project, Tenders Department with concerning departments determine the following:

- The required needed competence for engineers and technicians to form the working team for project execution.
- In case that the project includes new processes that require new experience, necessary action is taken, either by training of colleagues to perform this new job, or by hiring experienced persons.
- A continuous evaluation to be done for the technical manpower hired in the projects.
- New colleagues are informed about company Quality Management Systems and their responsibility to achieve company policy and objectives.
- Human Resources Department maintains files for all colleagues including records for education, experience, training and certificates.
- Training responsible execute training courses necessary for different jobs as determined by departments managers, inside or outside company.

6.3 Awareness

The company ensures that all employees work under the organization's control is aware of the following:

- a. The quality policy.
- b. Relevant quality objectives.
- c. Their participation to the effectiveness of the Quality Management System and improving the quality performance.
- d. The implications of non-conforming with the Quality Management System requirements.

6-4 Communication

The company determines the internal and external communications relevant to the Quality Management System, including:

- On what it will communicate?
- When to communicate?
- With whom to communicate?
- How to communicate?
- Who communicates?



6-5 Documented Information

6-5-1 General

The Quality Management System documentation consists of includes:

- Documented information required by ISO 9001/ 2015 Standard.
- Quality Policy and Objectives.
- Quality Assurance Manual.
- Work Instructions.
- Quality Control Plan.
- Records necessary as an evidence of Quality Management System implementation.



6-5-2 Creating and Updating

Business Improvement Manager has:

- The sole responsibility to issue and establish the Quality Manual has also the duty of updating and incorporating all changes needed to the latest issue.

- **Quality Manual contains:**

- 1- The scope of Q.M.S and exclusion with accepted and rational justifications as per clause No. 2.3 in the manual.
- 2- Reference to the Document Procedures.
- 3- Work flow of the interaction between Quality Management System processes.



6-5-3 Control of Documented Information

The Quality Management System documentation consists of includes:

- As the document is one of the most important evidence that activity has been done or not or carried out effectively or not, so control of documents is taken into company accounts and deal very seriously.

Documented procedure "Control of Documents" is issued specially for that valued purpose to illustrate a systematic procedure settled to standardize preparing, reviewing and approval of a documents prior being issued to ensure professionalism in handling that matter.

7-1 Operational Planning and Control

7-1-1 General

The company plans, implements and controls the processes needed to comply the requirements for the provision of products and services, and to implement the actions to Address risks and opportunities, achieve quality objectives and changes by determining the:

- **Determining the requirements for the products services and establishing criteria for:**

- 1- The processes.

- 2- The acceptance of products and services.

- **Determining the resources needed to achieve conformity to the product and service requirements.**

- **Implementing control of the processes in accordance with the criteria.**

- **Determining, maintaining and retaining documented information to the extent necessary:**

- 1- To have confidence that the processes have been carried out as planned.

- 2- To demonstrate the conformity of products and services to their requirements.

- **The company ensures that the output of this planning is suitable for the company's operations.**

- **The company controls planned changes and review the consequences of unintended changes, taking action to mitigate any adverse effects, as necessary.**

- **The company ensures that outsourced processes are controlled.**

7-1-2 Planning for Projects Execution

• Issuing reports:

Weekly Report & Weekly Dashboard by (the responsible) after receiving the following:

- 1- Update Arch. Engineering Log (E1 Log) and Update Structural Engineering Log (E1 Log) from Arch and Structural Engineering department by email.
- 2- Update MEP Engineering Log (E1 Log) from MEP Engineering Department by Email.
- 3- Update Procurement plan (E2 Log) from Technical Procurement by Email.
- 4- Construction Status from Construction department after conducting a workshop.
- 5- QC Report (IR log, NCR Log, MIR Log, list of inspected materials etc....) from QC Department by Email.
- 6- Manpower statistics from HSE department by email.
- 7- Project Area of Concern from Project Management/All Departments by email.
- 8- Project Logs (Transmittal logs, and Letter In/Out Logs) from technical procurement by email.
- 9- Update Subcontracting plan.

Monthly Report by (the responsible) after receiving the following:

- 1- Update Subcontracting plan from Contract Department by Email.
- 2- Invoices Status from QS Department by Email.
- 3- Variation orders Status from Contract Department by Email.
- 4- All the data which has been addressed under weekly reports requirements above.

• **Prepare a monthly updated or revised time schedule with a lookahead tracking sheet, according to the data received from different departments and the monthly reports prepared.**



7-2 Requirements for Projects and Services

7-2-1 Customer Communication

The company will communicate with its customers all relevant information for the realization of quality service including:

- a) Product information
- b) Enquires, contracts or order handling amendments.
- c) Customer feedback, including customer complaints.

7-2-2 Determining the Requirements for Projects and Services

The company shall determine

- a. Requirements specified by the customer, including the requirements for delivery and Post-delivery activities.
- b. Requirements not stated by the customer but necessary for specified or intended use, where known.
- c. Statutory and regulatory requirements related to the projects in and out of Egypt.
- d. Any additional requirements determined by the company.

7-2-3 Review of the Requirements for Projects and Services

The company shall review the requirements related to the service. This review shall be conducting prior to supply service to the customer and shall ensure that:

- a) Product requirements are defined.
- b) Contract or order requirements differing from those previously expressed are resolved.
- c) The company has the ability to meet the defined requirements.

Recorded of the results of the review and actions arising from the review shall be maintained where service requirements are changed the company shall ensure that relevant documents are amended and that relevant personnel are made aware of the changed requirements.

7-2 Requirements for Projects and Services

7-2-1 Customer Communication

The company will communicate with its customers all relevant information for the realization of quality service including:

- a) Product information
- b) Enquires, contracts or order handling amendments.
- c) Customer feedback, including customer complaints.

7-2-2 Determining the Requirements for Projects and Services

The company shall determine

- a. Requirements specified by the customer, including the requirements for delivery and Post-delivery activities.
- b. Requirements not stated by the customer but necessary for specified or intended use, where known.
- c. Statutory and regulatory requirements related to the projects in and out of Egypt.
- d. Any additional requirements determined by the company.

7-2-3 Review of the Requirements for Projects and Services

The company shall review the requirements related to the service. This review shall be conducting prior to supply service to the customer and shall ensure that:

- a) Product requirements are defined.
- b) Contract or order requirements differing from those previously expressed are resolved.
- c) The company has the ability to meet the defined requirements.

Recorded of the results of the review and actions arising from the review shall be maintained where service requirements are changed the company shall ensure that relevant documents are amended and that relevant personnel are made aware of the changed requirements.

7-2-4 Changes to Requirements for Projects and Services

Any modification or changes in the project specifications after submission of the Offer/Tender, or contract, Tenders Department, HR Department Director informs Execution Department/Production Department with these modifications or changes.

7-3 Design and Development of Products and Services

7.3.1 General

The organization shall establish, implement, and maintain a design and development process that is appropriate to ensure the subsequent provision of products and services.

7.3.2 Design and Development Planning

Whenever a new design is decided to be conducted by the company, a design plan is established at the earliest stage of this new design. Controls, procedures and resources are established to ensure that the applicable design requirements and tasks are adequately planned and assigned to trained and qualified personnel.

The Design Plan is a controlled document and is continuously updated as the design evolves.

The Technical Director approves this plan.



7.3.3 Design and Development Inputs:

The project designer / design team identifies the design inputs from the following:

- Agreed scope of work.
- Nature of the project and its location.
- Project space program and/or preliminary architectural drawings.
- Customer needs and expectation.
- Feedback information from past experience.
- Applied codes, standards, statutory and regulatory requirements.
- Site visit may be necessary.

7.3.4 Design and Development Controls:

The organization shall apply controls to the design and development process to ensure that:

- a) The results to be achieved are defined;
- b) Reviews are conducted to evaluate the ability of the results of design and development to meet requirements;
- c) Verification activities are conducted to ensure that the design and development outputs meet the input requirements;
- d) Validation activities are conducted to ensure that the resulting products and services meet the requirements for the specified application or intended use;
- e) Any necessary actions are taken on problems determined during the reviews, or verification and validation activities;
- f) Documented information of these activities is retained.

- **NOTE:** Design and development reviews, verification and validation have distinct purposes. They can be conducted

7.3.5 Design and Development Outputs:

As the design progresses, design output is produced. Design outputs may take several forms such as drawings, calculations sheet specifications, electronic media or other documentation e.g. bill of quantities.

Final design output documentation is reviewed against design input requirements and authorized from Technical Director prior to release.

7.3.6 Design and Development Changes:

The need for design change may be apparent due to one of the following cases:

- Change in architectural design.
- Change in the function or use of some locations.
- Selection of equipment.
- Design change should be indicated on drawings compared with the previous issue by a cloud or any other mean in addition to a short notice in the drawing table of revisions.

7-4 Control of Externally Provided Processes and Services

7-4-1 General

The company ensures that externally provided processes, products and services conform to requirements.

- The company shall evaluate and select suppliers based on their ability to supply product in accordance with the company requirements. Records of the results of evaluations shall be maintained.

7-4-2 Type and Extent of Control

The company ensures that externally provided processes, products and services do not adversely affect the company's ability to consistently deliver conforming Projects, products and services to its customers.

Purchasing information shall describe the product to be purchased, including where appropriate:

- a) Requirements for approval of product, procedures, processes and equipment.
- b) All products purchased for internal support or for use in the delivery of service will be tested
- c) To ensure that the quality of the products is acceptable and meet the standards established for internal use and for service delivery.

7-4-3 Information for External Providers

The company ensures the adequacy of requirements prior to their communication to the external provider.

The company communicates to external providers its requirements for:

- The processes, products and services to be provided.
- The approval of products and services.
- Methods, processes and equipment.
- The release of products and services.
- Competence, including any required qualification of persons.
- The external providers' interactions with the company.
- Control and monitoring of the external providers performance to be applied by the company.

Verification or validation activities that the company, or its customer, intends to perform at the external providers premises the submittals of procurement request for materials. Or products should describe its requirements exactly to conform to the requirements stated in the contract customer. Purchase Order or contract submitted by Procurement Department shall include:

- Required data for testing and inspection of purchased materials and the used test equipment if needed.
- Training needs for all installation and operating staff.
- Any other Quality Management System requirements.

The purchase orders / contracts are reviewed by material unit before issuing the purchase order to verify its adequacy and exact quantities.

Purchasing process is managed by Procurement Department according to procedure in some cases direct purchasing is allowable for some projects according to procedure.

In some cases and according to importance of purchased material, products or according to contractual requirements purchased products verification is performed at suppliers' premises. In such case, verification arrangements including method of receiving inspection and method of product release are stated in the purchase order.

ENERGYA PTS allows customers to visit the suppliers / manufacturing according to contractual requirement.

7-5 Works Execution

7.5.1 Control of Execution Processes

- It is one of the most important indicators: to measure overall company performance is our customer satisfaction.
- Handling of measuring satisfaction is the responsibility of QC Engineers by assistance of other departments & Project Manager as well.
- In case of comments, bad evaluation, an oriented corrective action is taken towards customer concern to prevent reoccurrence.

A documented procedures titled by "Customer Complaints & Satisfaction" is issued to state the detail procedure.

-Notes: Monitoring customer perception can include obtaining input from sources such as customer satisfaction surveys, customer data on delivered product quality, user opinion surveys, lost business analysis, compliments, warranty claims and dealer reports.



7-5-2 Identification and Traceability

Where appropriate, the company identifies the contracts by suitable means throughout product realization. The company identifies the status of all steps of product realization with respect to monitoring and reviews requirements.

Where traceability is a requirement, the company control and record the unique identification of the project.

7-5-3 Property Belonging to Customers or External Providers

Company exercise care with customer property even it materials, spare parts or documents by determining who is responsible for receive, check and store or using it in right way. If any customer property is lost, damaged the organization shall report this to the customer and maintain records as per Quality Plan Procedure.

7-5-4 Preservation of Products and Works

- Our company (through our suppliers) preserves the conformity in of product during internal processing and delivery to the intended destination. This preservation shall include Identification, handling, packaging and storage and protection.

Preservation shall also apply to the items of the project.

7-5-5 Post-Delivery Activities

- Excluded (not applied in ENERGYA PTS).

7-5-6 Control of Changes

- The company reviews and controls changes for projects, production or service provision regarding Control of Execution Processes, identification and traceability, property belonging to customers or external providers, preservation of products and Works, post-delivery activities to the extent necessary to ensure continuing conformity with requirements.

- The company retains documented information describing the results of the review of changes, the person(s) authorizing the change, and any necessary actions arising from the review.

7-6 Release of Projects, Products and Services

- The company implements planned arrangements, at appropriate stages, to verify that the project and product and service requirements have been met.
- An inspection and test plan is prepared for the incoming materials and all stages of works executed.
- Quality Control responsible records the inspection results that prove the conformance to the contractual specifications also he records the inspector name. The completion and conformity of all planned inspection and tests is a must before turning over the works / products to the customer.
- During the guarantee period the company completes any unfinished work or notes before asking the customer for completion certificate.
- The company retains documented information on the release of project, products and services.

The documented information includes:

- Evidence of conformity with the acceptance criteria;
- Traceability to the person(s) authorizing the release.



7-7 Control of Nonconforming Outputs

The company has ensured that the product which does not conform to contract requirements is identified and controlled to prevent its delivery. All defected or rejected products are segregated and labeled by hold tag and transferred to hold area. The controls and related responsibilities and authorities for dealing with nonconforming product are defined in documented procedure titled by "Control of Nonconforming

Products". The company deals with nonconforming product by one or more of the following ways:

- By taking suitable action to eliminate the detected nonconformity, hence repair the defects which are called correction.
- By authorizing its release or acceptance under concession by Q.C.M and where applicable the customer himself.
- Take the needed and suitable actions towards the defected products by analysing the root cause of defect to prevent recurrence which is called corrective actions.

-In case that the product is not suitable for usage according to the specified customer requirement and / or it is difficult to transfer the product to another customer to meet his requirement, product may be scrapped.

8-1 Monitoring, Measurement, Analysis and Evaluation

8-1-1 General

ENERGYA PTS organization uses many types of method to present the conformity of product, conformity to Q.M.S requirements and hence define the opportunities for continuous improvement needed to evaluate the effectiveness of Q.M.S examples of these types are: -

- a) Measuring, testing and inspection.
- b) Auditing.
- c) Use of statistical techniques to demonstrate the improvement.

Regular generated reports, measuring departmental & company performance.



Performance Indicator

8-1-2 Customer Satisfaction

- It is one of the most important indicators: to measure overall company performance is our customer satisfaction.
- Handling of measuring satisfaction is the responsibility of QC Engineers by assistance of other departments & Project Manager as well.
- In case of comments, bad evaluation, an oriented corrective action is taken towards customer concern to prevent reoccurrence.

A documented procedure titled "Customer Complaints & Satisfaction" is issued to state the detail procedure.

-Notes: Monitoring customer perception can include obtaining input from sources such as customer satisfaction surveys, customer data on delivered product quality, user opinion surveys, lost business analysis, compliments, warranty claims and dealer reports.

8-1-3 Analysis and Evaluation

The company collect and analyse data that provides information on:

- Customer satisfaction and dissatisfaction either from survey or meeting.
- Conformance to specifications and nonconformity product types and grade.
- Quality objectives and its performance measures.
- The characteristic of processes and trends of improvement.
- Supplier performance and accepted and rejected materials.
- Above results analysis provide us the information needed to evaluate our Quality Management System and determine its suitability and effectiveness.



8-2 Internal Audit

- The company conducts periodic internal audits to determine whether or the Quality Management System conforms to the requirements of ISO 9001-2015 and whether the system has been effectively implemented and maintained. Such audits are in accordance with the documented procedure titled by "Internal Audit". The procedure defines the requirements for internal auditors, for conducting audits, and for recording the results and reporting them to management. The Business Improvement Manager is responsible for scheduling and managing regular internal quality audits. Each area of the company that affects product quality will be scheduled for internal audits according to the status and importance of the activities being audited.
- (Taking into consideration the results from previous audits). Audits are performed by trained, qualified auditors who are independent of activities being audited, findings are recorded which are submitted to Business Improvement Manager to follow up the taken timely corrective action. Once the action is completed, the Business Improvement Manager, or designated representative, verifies the effective implementation of corrective and preventive action during subsequent audits or special follow-up audits. Audit findings and results are reviewed at Management Review Meeting.



8-3 Management Review

8-3-1 General

Top Management of ENERGYA PTS reviews over all company performance two times per year to ensure continuous improvement.

8-3-2 Management Review Inputs

Business Improvement Manager has the responsibility to prepare meeting agenda which include but not limited to:

- Result of conducted audit either from Quality Assurance or customer or third party auditors.
- Customer feedback such as complaints or comments or recommendations and sales return.
- Process performance such as efficiency and productivity of all processes.
- Status of corrective action such as corrective actions taken towards defected product, customer complaints, supplied defected materials and their evaluation from point of view of effectiveness.
- Follow up actions from previous meeting.
- Any recommendations could be raised for improvements, also any changes could affect Q.M.S.
- Review result of Risk Assessment and action taken in it.
- This agenda should be issued and distributed to the attendants before meeting by 4 working days at least.

8-3-3 Management Review Outputs

-Final decisions and actions agreed upon during meeting should be documented: Business Improvement Manager is responsible for coordinate the meeting within the designed time frame.

-After completing the meeting, minutes of meeting should be raised and circulated to the attendants after meeting by max

2 working days later.

These decisions and action should but not limited to:-

- 1- Improvement of Q.M.S effectiveness.
 - 2- Improvement of performance of processes throughout organization, especially those related to the customer and supplied products.
 - 3- Definitions of resources needed with reference to agree upon budget.
- A documented procedure titled "Management Review Procedure is issued to specify and controls Management Review.

9-1 General

- ENERGYA PTS improve the effectiveness of the Quality Management System through the effective implementation of the company policy, quality objectives, audit results, analysis of data, corrective and preventive actions and management review.



9-2 Nonconformity and Corrective Action

- When problems are identified, the company Quality Management System ensure that the cause of the problem is identified and discussed and that appropriate actions are taken to correct the cause of the problem, with the goal of addressing the issue in such a manner that it will never occur again or (reduce the frequency of occurrence at least). These actions are documented in accordance with documented procedure titled by "Corrective and Preventive Actions" to ensure that the actions taken were implemented and were effective; these actions are reviewed to ensure effectiveness

9-3 Continual Improvement

- ENERGYA PTS improve the effectiveness of the Quality Management System through the effective implementation of the company policy, quality objectives, audit results, analysis of data, corrective and preventive actions and management review.



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