

SERVICE OFFERS



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MANAGEMENT SYSTEM POLICY

POLYVALENT HIGH SOLUTIONS (PHS) CAMEROON company whose field of activity is ENGINEERING :Telecommunication, Energy and Civil Engineering ; Supply equipment and Consultations intends to position itself as one of the major players in its field of activity both at the national and sub-regional level . PHS is part of a sustainable development approach by relying on the achievements of a management system integrating the components related to quality, health and safety at work and the environment .

- provide impeccable quality services to our customers ;
- meet legal and regulatory requirements for our activity ;
- involve staff in continuous improvement and risk and opportunity management, ensure the growth and profitability of the company;
- set up management system in accordance with the applicable requirements, standards and references ;
- improve occupational health and safety conditions at all levels ;
- contribute to environmental protection and pollution prevention.

I.PRESENTATION AND VALUES OF THE COMPANY

1.PRESENTATION OF THE COMPANY

POLYVALENT HIGH SOLUTIONS (PHS) CAMEROON is a cameroonian company created to meet the continuously growing demand for quality solutions related to the fields of engineering . PHS is the ideal partner for operators, equipment manufacturers and companies for the design, deployment and commissioning of telecommunications networks ; it offer services in the fields of electricity, civil and industrial engineering, as well as other technical services ranging from the supply of equipment to the deliver of consultation .

The scope and scale of its services are unparrallel thanks to the proven competence of its teams with a certain experience. PHS has all the expertise to provide its customers select services.

Regardless of the technology, the size of a project or its location, wether it is providing engineering, technical or installation support services, PHS specialists are able to satisfy you and even combine certain services in order to offer turnkey solutions that perfectly meet your specific needs. A structured approach to project management also ensures the optimal scheduling of work, compliance with agreed budget and deadlines, compliance with safety environmental standards with an exceptional communication policy.



2. PHS CAMEROON VALUES

Confident in its know-how, the company PHS cameroon guides its projects by the following values :

- Be creative and innovative ;
- Be available for our customers ;
- Be driven to the will to be the best ;
- Comply with safety standards ;
- Ensure quality after sales-service
- Search for excellence in products and services ;

II. PERSONNEL AND LOGISTICS

1. The staff

POLYVALENT HIGH SOLUTIONS is a company whose main concern is to satisfy its customers. To do this, we have a team or a group of highly qualified and experienced engineers and technicians offering a wide range of engineering services. In order to meet all the requirements of our customers, PHS permanently invests in the recycling of its staff. We are committed in treating our staff and users of our services with impartiality, respect and probity. We serve our customers with dexterity, diligence and promptness. We respect deadlines in the commitments made and we comply with international standards and norms. We are open to modernity and introducing new ways of doing things, as well as changes that allow us to achieve our ambitions with performance.



2. Our equipment and logistics

PHS makes a point of honour on professionalism, meeting deadlines. Thus, we spare no effort for the equipment and quality logistics. We have the latest generation equipment.



III. OUR SERVICES

A. ENGINEERING

1.OPTICAL FIBER

- Study of projects
- Cable engineering and planning
- Installation and optical fiber connections
- Spices and tests
- Maintenance (Preventive maintainance Curative maintenance)

2.TELECOMMUNICATIONS

Apart from services related to the deployment of optical fiber, PHS offers a wide range of services to support companies, telecom operators/internet access providers and even equipment manufacturers, in the deployment, Configurations and maintenance of telecommunications and computer networks. These include services related to ;

- IP networks: design, planning I, physical installations, configuration and maintenance of network equipment(Routers, switches, firewall, servers, WLAN, etc.) CISCO, HUAWEI, JUNIPER, HP,MICROTIK, ...
- Access Networks: RF frequency plans, optimisation and drivetest; installation, configuration and maintenance of 2G/3G/4G HUAWEI, ERICSSON,NOKIA,...
- Transmission networks: design, physical installation, configuration and Maintenance of fibre optic or microwave transmission equipment.



TELECOMMUNICATION



3.ENERGY

PHS supports its partners in the deployment and maintenance of electrical solutions, including infrastructure cabling, the installation of electrical bays, inverters and generators adapted to the specific needs of customers. Holder of a Schneider Electric authorised reseller certificate, PHS provides high-quality electrical equipment. PHS is not left behind in the field of renewable energy! It offers its customers quality and reliability services in the study, design and construction of photovoltaic solar systems.



4. CIVIL ENGINEERING

Civil engineering work related to telecom infrastructures (optical fiber, installation of pylons, canopy, foundations, solar sites, etc.) have no secrets for PHS. Its team of professionals has the material and technological resources to carry out the projects of its clients. We also carry out turnkey construction work.



5) INDUSTRIAL MAINTENANCE AND ASSEMBLY

a) Industrial Maintenance

PHS teams deliver the following services related to industrial maintenance:

- Industrial piping
- Metal structure,
- Tanks, Silos, Bins, skimming bins, chutes, hoppers
- Industrial, oil and gas installations electrical installations



Installation des tiroirs optiques
champ solaire

b) Industrial assembly

PHS also offers a range of services related to the design, manufacture, realisations and industrial assemblies. These include boilerwork

- Transformations of steel sheets and profiles into work;
- Machining (Drilling, milling, threading and tapping);
- Oxycutting, folding;
- Welding (TIG, MIG-MAG and electric arc with coated electrode);
- Riveting. Industrial piping (assembly of pipes of all diameters and thicknesses). Stainless steel and steel material; Metal works (For buildings and factories)
- Construction of metal frames and hangars,
- Manufacture of doors, windows, and fences. Surface treatment/industrial paint
- Manual sandblasting
- Anti-corrosion and finishing paint. Scaffolding
- Design and realisation/assembly/disassembly.

Bins, skimming bins, chutes, hoppers Storage and transport (water, oil, agri-food and petroleum products). Stainless steel and steel material; Metal works (For buildings and factories)

- Construction of metal frames and hangars,
- Manufacture of doors, windows, and fences. Surface treatment/industrial paint - Manual sandblasting
- Anti-corrosion and finishing paint. Scaffolding
- Design and realisation/assembly/disassembly. Tanks, silos, Bins, skimming bins, chutes, hoppers Storage and transport (water, oil, agri-food and petroleum products).

6) FIRE SAFETY

PHS Cameroon, an expert in fire safety, is qualified to assist you in fire risk prevention.

Our offer includes professional fire risk assessments, customized prevention strategies, and the installation and maintenance of advanced fire suppression systems.

Our certified team is committed to ensuring your company's safety and compliance, providing peace of mind and proactive protection against fires.

Contact us today to learn how our fire safety services can enhance your company's resilience.



B.SUPPLY/ TRANSPORTATION OF EQUIPEMENT

PHS has a purchasing policy based on:

- An objective choice of local and foreign suppliers
- A concern for price-quality satisfaction
- An order and delivery time procedure Holder of a Schneider Electric approval, we provide equipment that meets the relevant standards. We also provide:
 - All generations of optical fiber cable (G651, G652, G655, G656, ...)
 - The different optical drawers with their accessories
 - All types of single-mode and multi-mode pigtails depending on the installations
 - Single-mode and multi-mode optical suspenders depending on the installations
 - Network equipment such as CISCO, JUNIPER, HUAWEI, HP,... - SFP modules for switches.
 - Junction and junction boxes with complete installation kit
- Generators, inverters, energy bays,... The choice of equipment we offer to our customers takes into account:
 - Reliability.
 - Ease of implementation.
 - Cost.
 - Ergonomics.

IV- QHSE DEPARTMENT

The POLYVALENT HIGH SOLUTIONS company in its organisation, has a Quality Hygiene Safety Environment (QHSE) department, which sets up an integrated management system according to ISO 9001 of 2015, 45001 of 2018 and 14001 of 2015; thus allowing PHS to be in harmony with the legal and regulatory requirements. The health, safety and environmental rules developed are applied on daily basis by its staff within the company and on all work sites at its expense. The QHSE manager ensures the application of these measures. Collective and personal protective equipment is made available to staff during the execution of the work; among other things:

- a. Tag
- b. Signalling cone
- c. Helmet,
- d. Long-sleeved work outfits,
- e. Safety shoes,
- f. Work gloves,
- g. Harness,
- h. Safety glasses in good condition
- i. etc.

Safety on the construction site is preserved, not only that of our technicians but also that of the people on the site. A medicine box is also available on site. Our technicians are trained for first aid.

NB: The head of the QHSE department ensures strict compliance with the commitments made and the achievement of the objectives mentioned in the management system policy.

V-OUR TRAINING

- Optical fiber technician training
- Training in oil logistics
- Training in management ethics
- Training in QHSE
- And many more.

At the end of the training, we evaluate the level of the learner through an exam. PHS has been part of the continuous improvement process, a satisfaction survey is also conducted to collect learners' opinions; thus, we develop strategies that will allow us to better train our learners.

VI. SOME REFERENCES

We have carried out various services with local and sub-regional companies. The tables below illustrate some of our recent realisations.

REFERENCE	ACTIVITY	PERIOD
MDR/HUAWEI	KUMBA-EKONDOTITI (Projet Backbone Camtel)	2017
CAMTEL	Supply of optical fiber cleaver	2018
PNUD	Installation of VHF Radio at UNDSS Yaounde	2018
BOLLORE	Restoration of optical fiber link	2018
OMNIUM	Supervision of optical fiber installations	2018
MTN	Maintenance of optical fiber and microwave transmission links	2019
UNHCR	Construction of three (3) towers in refugee camps of LOLO, TIMANGOLO and BORGOP	2019
UNESCO	Installation of satellite phones in UNESCO vehicles	2019
PAD	Maintenance of the wired network environment of CDA of PAD	2020
MTN	Maintenance of optical fiber networks supply of 20km of optical fiber cable and 400 junction boxes	2021

REFERENCE	ACTIVITY	PERIOD
IHS	Construction boreholes in the north Installation of energy bays and generators	2022
SCATEC	Installation of optical drawers in the guider solar fields	2022
SCDP	Installation of metallic shelves	2022
NHPC	Construction of 23 boreholes	2023
IHS	Swapping of generators	2023
HUAWEI	Mupgrade the control system	2023
ENEO	Automatic fire detection and extinction system at ENEO ESSOS	2022-2023
ENEO	Automatic fire detection and extinction system at ENEO KOUMASSI	2023-2024
CNPS	Fire detection and evacuation system at HOPITAL DE LA CAISSE	2024-2025
CNPS	Fire detection and signalling system at CNPS BONANJO	2024-2025

VII-OUR CERTIFICATIONS

REPUBLIQUE DU CAMEROUN Paix - Travail - Patrie		REPUBLIC OF CAMEROON Peace - Work - Fatherland
AGENCE DE REGULATION DES TELECOMMUNICATIONS		TELECOMMUNICATIONS REGULATORY BOARD
N° 00000110 / AKT/DG/T/SD/SEA/SAG		Yaoundé, le 31 OCT 2022

**AGREMENT D'INSTALLATEUR DES ÉQUIPEMENTS ET
INFRASTRUCTURES DES COMMUNICATIONS
ÉLECTRONIQUES**

Je soussigné, **Philémon ZOO ZAME**
Directeur Général de l'Agence de Régulation des Télécommunications, agréé
l'établissement **POLYVALENT HIGH SOLUTIONS « PHS »**,

BP : S/C DRD Ville : DOUALA Tél : 698 678 241/675 063 005

Contribuable : P018812641813M Registre de Commerce: RC/DLA/2017/A/3576

en qualité d'installateur des équipements et infrastructures des communications
électroniques pour une durée de **03 (trois) ans** à compter de la date de
signature.

Le présent agrément est délivré conformément à l'arrêté n°005/MINPOSTEL du 24
avril 2017 fixant les modalités d'obtention de l'agrément dans le domaine des
communications électroniques, pour servir et valoir ce que de droit.

** Le titulaire est tenu de respecter les dispositions de l'arrêté susmentionné
et les obligations annexées à cet agrément.*

Amplifications :

- DGF
- DLCI
- DRD/DRG/DRY/DRB
- ARCHIVES


Philémon ZOO ZAME, Ing. PhD



N° 12/RE/BT/20/CAF

Ce certificat atteste que la société

PHS

Collège royale Ndogbong, BP 1002 DOUALA

Est reconnue comme

Revendeur agréé

De Schneider Electric Afrique Centrale

Au titre de l'exercice 2020

Emile MOULOUNDOU
Directeur Général – Afrique Subsaharienne



Doulala, le 26 OCT 2023

LE DIRECTEUR REGIONAL

A
MONSIEUR LE DIRECTEUR DE POLYVALENT HIGH SOLUTIONS
TEL : 620 179 158/698 67 82 41
Douala-Cameroun

Objet : Votre demande d'agrément pour prestation de services.

Monsieur le Directeur,

Par correspondance citée en référence relative à l'objet en marge, vous avez bien voulu solliciter l'intégration de votre Etablissement dans la liste des fournisseurs agréés de la Direction Régionale de CAMTEL pour le Littoral.

Y faisant suite, de l'évaluation de votre dossier conformément à la procédure en la matière, il ressort que vous avez obtenu la note de 75/100, supérieure au seuil de 70%, exigible pour être admis comme fournisseur.

Par conséquent, nous portons à votre connaissance que votre dossier est retenu et vous ferons appel le moment opportun.

Veuillez agréer, Monsieur le Directeur, l'expression de notre considération distinguée.



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 Site web : www.camtel.cm

Annexe 3 : Agrément ENEC



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A l'attention
Du Directeur Général de l'entreprise
ETS POLYVALENT HIGH SOLUTIONS
(ETS PHS)
BP : 7574 DOUALA

Dossier, 94 MAR 2023

图 1-1-1 为《中国人口地理》一书封面设计，封面设计以中国人口地理图作为背景，配以书名和作者信息。

Objet: Agrément 2013 - A

Moving to Dispute Closed

Suite aux audits réalisés dans vos sites, nous vous informons que votre entreprise, est agréée pour l'exercice 2023 pour l'(les) activité (s) suivante(s) :

1. Sécurité Incendie

Vous trouverez en pilon joint la liste de votre personnel autorisé sur nos sites.

Le présent agrément perd toute validité dès que les conditions de non-conformité ou le nombre des séries et notifieds à l'étranger.

En foi de quoi, le présent document vous est délivré pour servir et valloir en ce qui en doit.



www.footballlight.it



WE ARE THE SOLUTION

THANK YOU FOR CHOOSING PHS CAMEROUN . WE HOPE OUR
SERVICE AND WORK BROUGHT A SMILE TO YOUR FACE AND
MADE YOUR LIFE JUST A LITTLE EASIER

For more information, contact-us

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