



Profile

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- eflc.logistic@gmail.com
- Main office: PD# 10, ST# 9, House # 104, Qala-e-Fathullah, Kabul, Afg.
- Kiftan Madad Square Ahmad Shahi Plaza 2nd floor 47th Apartment Kandahar, Afg.
- Karta-e-Lagan Farhad Plaza Lashkargah Helmand, Afg.

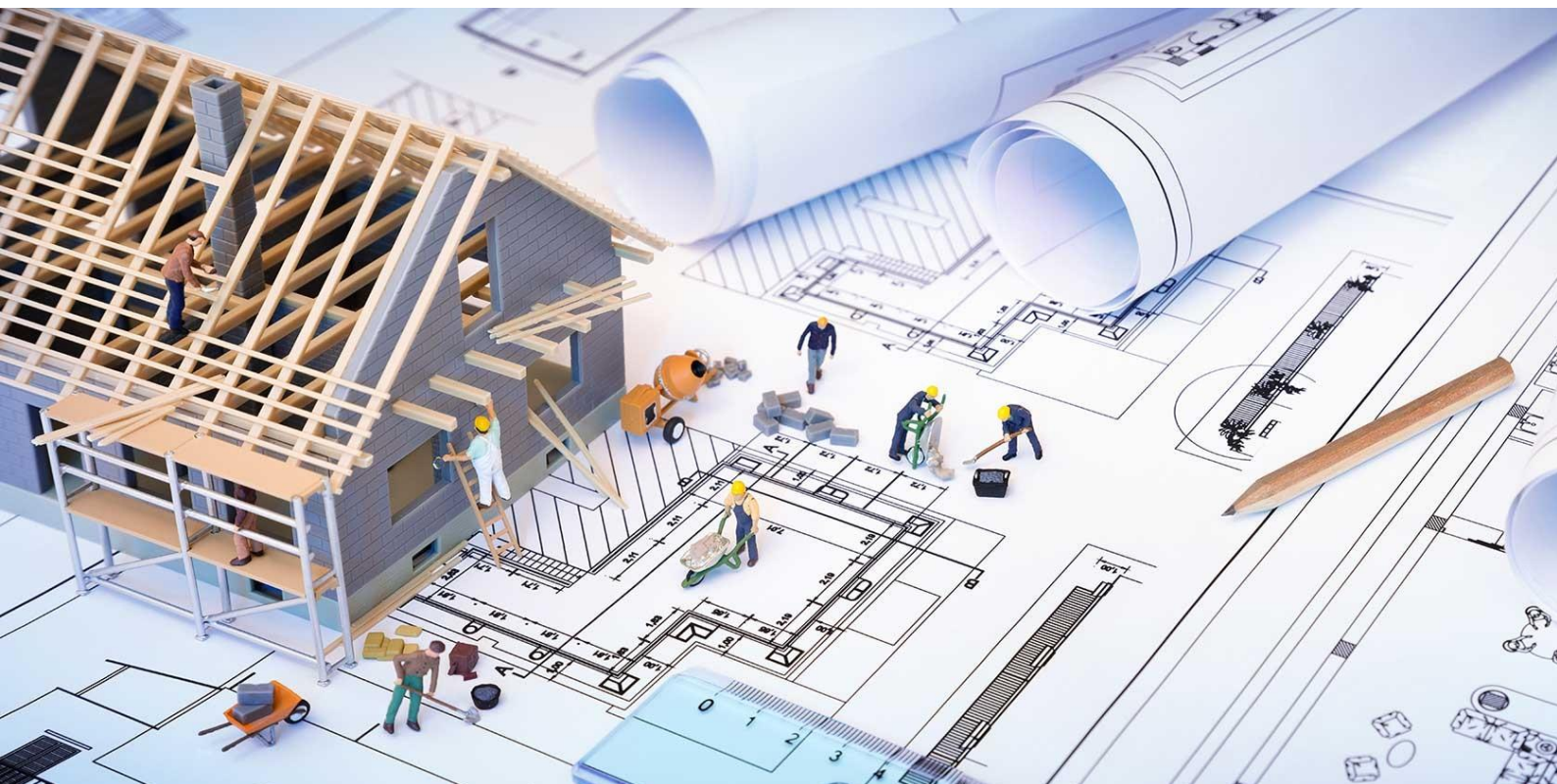


Esmat Farhad

Construction, Road-Building & Logistic and Installation of Solar Co.

Profile:

Company Name:	Esmat Farhad Construction, Road-Building & Logistic and Installation of Solar Water Pump Co
Company President:	Farhad Jafari
Contact#:	+93 (0) 700 412190, +93 (0) 781964258
Email:	eflc.logistic@gmail.com
Office Add:	Main office: PD# 10, ST# 9, House # 104, Qala-e-Fathullah, Kabul, Afg.
Sub Office:	Kiftan Madad Square Ahmad Shahi Plaza 2nd floor 47th Apartment Kandahar, Afg.
Sub Office:	Karta-e-Lagan Farhad Plaza Lashkargah Helmand, Afg.



ABOUT US

Esmat Farhad Construction, Road-Building & Logistic and Installation of Solar water pump Co is not a market hyperbole, it is a reality. We are launched corporation and working in the field of constructions, Logistics, Solar Panel Installing, IT, Transportation and security in enormous opportunities and possibilities though out Afghanistan and its approaches in the market and most part of Afghanistan that's why ESMAT FARHAD CONSTRUCTION LOGISTIC AND INSTALLATION OF SOLAR WATER PUMP COMPANY. (E.F.C.R.L.C) emerged in the market. Though ESMAT FARHAD (E.F.C.R.L.C) is 10 years experienced enterprise but it still possesses the capability to undertake various large-scale contracts in various areas of its work concurrently. ESMAT FARHAD (E.F.C.R.L.C) has a vast range of expert personnel and a robust team of professionals well organized to undertake enormous operations.

ESMAT FARHAD (E.F.C.R.L.C) is registered as a reputed services and construction & Logistic firm with Afghanistan Investment Support Agency which issued us a license no: (D-07-75)

ESMAT FARHAD (E.F.C.R.L.C) envisions a sustained, robust and legitimate Afghan Government backed by the International Community which provides civilian rights and protection to the Afghan residents.

جمهوری اسلامی افغانستان
وزارت صنعت و تجارت
ریاست عمومی ثبت مرکزی و مالکیت فکری

Reg #: 63650
License #: D-07-75



Islamic Republic of Afghanistan
Ministry of Industry and Commerce
General Directorate of Central Business Registry & Intellectual Property

د افغانستان اسلامي جمهوریت
د صنعت او سوداګرۍ وزارت
د مرکزي ثبت او فکري مالکیت لوی ریاست

د ثبت نمبر: ۶۳۶۵۰
د جواز نمبر: D-07-75

جواز تشبث
Business License

متشبت انفرادی: فرهاد جعفری ولد قدرت الله
عنوان تجاری: عصمت فرهاد ساختمانی سرکسازي، لوجستیکي او نصب سولر سیستم وائر پمپ
Ismat Farhad Construction and Road-making, Logistic and Installation of Solar Water Pump System



رئیس/President
فرهاد جعفری

TIN / تشخیصیه مالیه / 9001008714



تصدیق کوي دا جواز چې نوم یې پورته یاد شوی دی د محدودالمسولیت شرکتونو د قانون او د افغانستان د نورو نافذه قوانینو پر بنسټ ثبت او صادر شو.
تصدیق میگرداند این جواز که نام آن در فوق ذکر میباشد، در مطابقت با قانون شرکتهای محدودالمسولیت و سایر قوانین نافذه افغانستان ثبت و صادر گردیده است.

It is certified that this license with mentioned name, is registered and issued in accordance with and subject to the LLC and other effective laws of Afghanistan.

د صدور نېټه: 01/May/2023 ۱۴۰۲/۰۲/۰۱
د پای نېټه: 29/Apr/2024 ۱۴۰۳/۰۲/۰۱
د تاسیس کال: 2013 ۱۳۹۲
سکتور فعالیت: ساختمانی سرکسازي، لوجستیکي او نصب سولر سیستم وائر پمپ



مولوی محمد حلیم "مستعین"
د مرکزي ثبت اداره
Mawlawi Mohammad Halim Mustaeen
Authorized Signature

نمبر مسلسل: A00007373
قیمت حق التلویح (۵۰۰) افغانی

Responsibilities	مکلفیتونه	مکلفیتونه
<ul style="list-style-type: none"> The license is issued by Directorate General of Central Business Registry & Intellectual Property (ACBR-IP) MOIC in accordance with and subject to the effective laws of Afghanistan. All businesses must submit their Business Declaration Form(s) according to the law to the Revenue Department of the Ministry of Finance and Directorate General of ACBR-IP. Individuals and companies, who do not submit their declarations within the given timeline, will be penalized in accordance with the Income Tax law of the Islamic Republic of Afghanistan. All businesses must abide by effective Rules and Regulations of the Islamic Republic of Afghanistan in their commercial activities. Based on their national obligation and services to the nation, businesses are obliged to import high quality materials and products and should avoid import of low quality goods. All businesses must formally notify the ACBR-IP prior to any changes being brought to the company structure, shares, and address and should follow the legal procedures to have the changes registered accordingly. This office reserves the right not renew your business license for justified reasons. In no event shall Directorate General of ACBR-IP or its representatives be liable for any damages whatsoever, including without limitation, business formation, detrimental reliance, consequential of incidental damages, including to third parties, or other pecuniary loss. <p>Privileges:</p> <p>Holders of this license can import/export all kinds of permitted good (Transit of goods, logistics, obtaining business passport, establish abroad branches) in accordance with the effective laws of Islamic Republic of Afghanistan.</p> <p>Validity:</p> <p>The validity for license is (one) years from the date of issuance. For querying and verification of this license visit www.acbr.gov.af online verification</p>	<p>این جواز از طرف ریاست عمومی ثبت مرکزی و مالکیت فکری وزارت صنعت و تجارت ج.ا.ا در مطابقت با طرزالعمل ثبت و صدور جواز و سایر قوانین نافذه کشور صادر گردیده است.</p> <p>تمامی تشبثات مکلف اند اظهارنامه مالیاتی (بیانیه) خویش را در مرکز به ریاست های عواید و در ولایات به مستوفیات های مربوطه ارائه بدارند در غیر آن طبق احکام قانون مالیات بر عایدات تحت جرایم تأخیر بیائتس قرار خواهند گرفت.</p> <p>تمامی تشبثات مکلف اند که فعالیت های شان را در مطابقت با قوانین نافذه کشور انجام دهند.</p> <p>تمامی تشبثات بر حسب وجیه ملی خدمت به وطن مکلفیت دارند. درحین واردات اجناس با کیفیت را وارد و تولید نموده و از ورود اجناس و کالا های بی کیفیت به داخل کشور جلوگیری نمایند.</p> <p>تمامی تشبثات حین وارد آوردن تغییرات مکلف اند این اداره را در جریان قرار داده تا باشد سهولت های لازم در طی مراحل قانونی اسناد شان منجانب این اداره مهیا گردد.</p> <p>این اداره این حق را بخود محفوظ میدارد در صورت موجودیت دلایل قانونی و مرجع جواز تشبث را تجدید نمایند.</p> <p>این اداره بعد از صدور جواز در قبال فعالیت های تشبثات از قبیل (قرضه های بانکی، قراردادهای تضمینات، ایجاد منازعات بین سهام داران وغیره) هیچ نوع مسؤلیت را بعهده نخواهد گرفت.</p> <p>امتيازات:-</p> <p>دارنده این جواز حق فعالیت تجاری و سرمایه گذاری را در سکتورهای مربوطه مطابق اساسنامه خویش داشته و از حقوق اخذ پاسپورت، ایجاد نمایندگی در ممالک خارجی، تصدیق و توريد اموال تجاری در مطابقت به قوانین افغانستان برخوردار میباشند.</p> <p>میعاد اعتبار:-</p> <p>این جواز از تاریخ صدور برای مدت (یک) سال مقرر اعتبار میباشند.</p> <p>نوت: تمامی افراد و اشخاص میتوانند معلومات پیرامون جواز های ثبت شده را از وبسایت این اداره (www.acbr.gov.afonline verification) مشاهده و تایید نمایند.</p>	<p>دغه جواز د افغانستان اسلامي جمهوریت د صنعت او سوداګرۍ وزارت د مرکزي ثبت او فکري مالکیت لوی ریاست له لوري، د ثبت او جواز ورکولو نوي کون لارو او د هيواد تولو نافذه قوانينو سره سم صادر شوی دی.</p> <p>ټول تشبثونه او دي چې خپل مالياتي څرګند پاني (بیانیه) په مرکز کې د عوایدو ریاستونو ته او په ولایاتو کې لړونده مستوفیونو ته وړاندې کوي او پرته له دغې به د مالياتي قوانینو احکامو سره سم د بیلاس ځنډېدلو جرم تر نامه لاندې راضي.</p> <p>ټول تشبثونه او دي چې خپل ټول فعالیتونه د هيواد د نافذه قوانينو سره سم تر سره کوي.</p> <p>ټول تشبثونه هيواد ته د چوپړ کولو ملي وجیبه په توګه هيواد ته با کیفیت ترکي وارد او توليد کوي او هيواد ته د بې کیفیت ترکو له راوړلو څخه مخنیوی وکړي.</p> <p>ټول تشبثونه د هر ډول بدلون راوستلو پر مهال او دي چې مرکزي ثبت او فکري مالکیت لوی ریاست به جریان کې واچوي تر څو د دي ریاست په ګډون د دوی د اسنادو قانوني پراخو په تر سره کولو کې لازمي استازیتوب رامنځ ته شي.</p> <p>دغه اداره دا خپل حق بولي چې د څرګندو او قانوني دلایلو د شتون په صورت کې سوداګریز او د پانګه اچونې جوازونه نوي نکړي.</p> <p>دغه اداره د تشبثونو د فعالیتونو لکه بانکی پورونه، ټرنونه، تضمینونو د سهم دارانو د شخړو او داسې نورو په برخه کې د جواز ورکولو څخه وروسته هېڅ ډول مسؤلیت پر غاړه نلري.</p> <p>امتيازونه:-</p> <p>د دي جواز لرونکي د سوداګرۍ او پانګونې په برخه کې د مربوطه سکتورونو او اساسنامه مطابق د فعالیت حق لري. او د پاسپورت ترلاسه کولو، په بهرنیو هيوادونو کې د ځانګړو رامنځ ته کولو او د سوداګریزو توکولرېډ والیرېډ او د افغانستان اسلامي جمهوریت د قوانينو سره سم حق لرونکي دي.</p> <p>د اعتبار موده:-</p> <p>دغه جواز د صادریدو له نېټې څخه تر (یو) کلونو پورې د اعتبار وړ دی.</p> <p>یادونه: ټول وګړي کولای شي، د ثبت شویو جوازونو په اړه معلومات د دغې ادارې له ویب پاڼې www.acbr.gov.afonline verification څخه ترلاسه کړي.</p>



Esmat Farhad

Construction, Road-Building & Logistic and Installation of Solar Co.

- ✓ ESMAT FARHAD (E.F.C.R.L.C) can support all your required sites and locations in extremely speedy Time.

The Cooperator groups

- ✓ That can supply all your wanted needs in your wanted sites in time and good facilities.
- ✓ That can have extra deliveries to your wanted sites.
- ✓ That can supply urgent Orders in very quick time.
- ✓ That can offer all kind of Logistics & supply Services in Afghanistan.
- ✓ That can supply all your daily needs.



Community Support:

Our Company values its responsibility as a corporate citizen and seeks to support and enhance our customers, employees and surrounding community through our contributions to worthwhile organization and causes.

Mission:

Esmat Farhad (E.F.C.R.L.C) was established to provide expert Construction / logistics management resources to meet our client's challenges.

Our goal is to lead the global market place in the production of quality Construction/ logistic solution by strategic use of resources, development and implementation of automation systems, and training for 21st century technology. Our commitment to satisfy our corporate goal will be reflected in our efforts and purpose, and sustained by internal and external examination and recognition. Our personal, product and services are judged by the standards, but acceptance of our qualification can only come from the market place. Our ability to grasp present opportunities and project the future while communicating the changes will provide Esmat Farhad (E.F.C.R.L.C).a leadership advantage. We must realize that progress often times means change. We focus on our goals and refocus them as required by these changes.

Our performance towards these goals should show regular accomplishment and profit, or we must correct the inaccuracies.



Vision:

Esmat Farhad (E.F.C.R.L.C) is classified as a big business under the guidelines of the small business administration (SBA).

Esmat Farhad (E.F.C.R.L.C) is prepared to compete in a larger more competitive market with publicly owned companies. The intent of our Company ownership is to remain privately owned, with no plans to go public with stock offering. Our Company will continue to provide superior Logistics services, while never compromising our values.



BUSINESS CONCEPT

- A. Build cross organization teams with representation from each department to ensure we address all our needs, processes and issues in executing our strategy.
- B. Leverage the power of our automation by improving the data integrity and integrating the team, thus enhancing our performance by gathering and disseminating our strategy related information throughout the workforce.
- C. Continue to improve current management processes and implement new performance measurement systems.
- D. Enhance the effectiveness of the entire organization by utilizing dashboards as a feedback mechanism (ISO 9001, six sigma, BSC)

Esmat Farhad (E.F.C.R.L.C). constantly analyzes our performance to assure meet our customer's expectation and to find ways to excel beyond requirements. Performance reports made by program managers to the board of Directors ensures that progress coincides with the management plan and provides a forum for the manager to discuss measures to achieve the fullest degree of success for the client.

On Development

Train and develop staff to promote loyalty, the expectation of better performance and knowledge, and the realization that change is necessary for survival Stay on top of modern technology, especially in the area of communication.

Provide resources for training





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On risk taking

Be willing to take calculated risks and move quickly and decisively. The price of indecision is failure never risk more than our business assets can cover Never risk personal or family happiness Challenge the future, but be mindful of the past.

On products/service:

Identify what we do better than anyone else Product a product or service that is specifically identifiable with Esmat Farhad (E.F.C.R.L.C) Constantly explore and develop new product lines when it's time, don't hesitate to drop old Listen to our customers, and then improve the product/service

On marketing

Create our own market niche and strive to dominate it Communicate with our clients on regular basis Build flexibility into the product or service to meet changing market demands.

On competition

Don't compete with the goliaths of the world (until we become one) Know our competition monitor their services and products Out maneuver the competition by providing better quality services Be flexible We must build a tight bond between Esmat Farhad (E.F.C.R.L.C) and our clients nurture a continual interaction on matters of quality, immediate needs and future expectations

Operations Department:

The operation department is responsible for corporate level oversight of current operation at all off-sites projects. We develop and implement plans, policies, and procedures for program and project management.

Our program directors maintain operational oversight and provide guidance and direction to project managers. The operation cells serve as the portal for all operational information entering the company headquarters and ensure data

integrity of information used by the company staff. The operation department leads the way in process improvement and standardization initiates using lean six sigma and ISO 9000 techniques.

The functions performed by the operation department include:

Receive project status reports and prepare the weekly operation summary (OPSUM)
Collect and analyze performance metrics from projects
Prepare and conduct monthly and quarterly performance
Prepare and submit contract deliverable reports. Support business development and proposal preparation.



Mission Statement:

Provide the leadership and qualified work force to perform services that exceed Esmat Farhad (E.F.C.R.L.C) quality standards and fulfill contractual requirements. Continue to build and outstanding record of past performance and achieve goals for enhanced productivity, profitability, and growth.

Goals of Operation Department

Document improved ISO 9001 procedures and work instructions. Improve metrics collection, analysis, and presentations.

Continue process improvement using lean six sigma and complete green belt projects.





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Supplying & Services

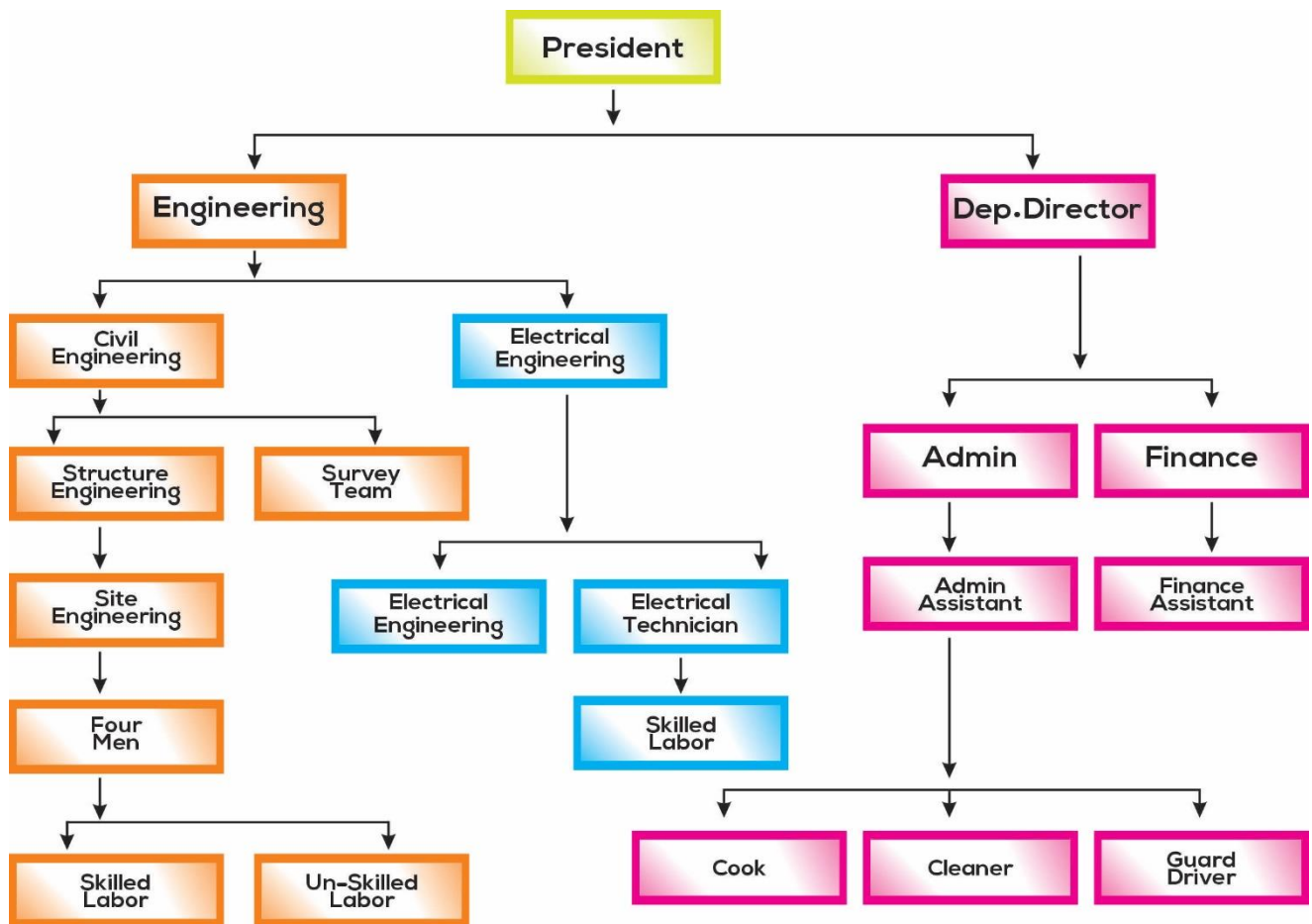
We are capable to furnish you with better supplying and services plus shipping and transportation of goods inside Afghanistan following graphics are example of some of our current and past transportation, supplying and services:



We Provide the Following Services

- Fuel Services
- Mineral water and non-alcoholic drinks
- Vehicles for sale and lease
- Electronic goods
- Petroleum, oil and lubricant POL
- Living containers, office modules and B-huts
- Concrete Jersey barrier, concrete pipe, concrete ring,
- PVC pipe, fittings, PVC windows and doors
- Furniture
- Clothing
- Generators
- Heavy equipment for sale and rent
- Transportation
- Security Equipment's
- Office Appliances
- Home Appliances
- Mobile Workshop for Vehicles
- Visa Services
- Legal Assistance (Vehicles Permit, Weapon Permit....

Chain of Command:



OUR CONSTRUCTION SERVICES

We are proud to say that we offer services in line with our area of profession which includes, but not limited to the followings:

- 1- Construction solutions
 - a. Road & Highways.
 - b. Building
 - i. Educational
 - ii. Healthcare
 - iii. Industrial
 - c. Bridge
 - d. Railway
 - e. Pipeline
 - f. Water & Waste water treatment plants
 - i. DEWATS
 - ii. Bio Gas
 - g. Fuel facility
 - i. Fuel Tank fabrication
 - ii. Fuel Pad construction



Engineering services:

- h. Feasibility study
- i. Survey
 - i. Topo Graphic,
 - ii. Photographic
 - iii. land Survey
- j. As-Built Drawings

2- Architectures

- a. Designing "Horizontal/Vertical"
- b. Landscaping
- c. Modeling
- d. Graphic designing (Interior / Exterior)

3- Quality assurance / Quality Control

4- Operation & Maintenance.

5- Project Management.





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TECHNICAL TEAM

Our team of construction professionals offer a single-source solution for all of your construction related needs. Weathers its restoration, site preparation, new facility or facility renovation, we have the experience and personnel to provide the highest quality construction on schedule and within budget. We support our clients from project inceptions, to the commissioning of the fully operational facility and our network of local offices enables us to offer our clients the dual advantage of a strong local presence and broad geographic reach.

“We are proud of our past and ambitiously work for the present, driving us excitedly to unfold the future with solid determinations”.

We believe not just in building, but creating...



The ESMAT FARHAD (E.F.C.R.L.C) engineering team provides a comprehensive range of services for the planning and design of transportation improvements in Afghanistan, ESMAT FARHAD (E.F.C.R.L.C) specialists have been responsible of planning and designing miles of roadways and major bridges in Afghanistan. Broad ranges of research and field measurements are used to gather information about the location, quality, size, type and nature of sand and gravel deposits.

ESMAT FARHAD (E.F.C.R.L.C) has the ability to develop natural resources for project use and the capacity to do so in an environmentally friendly way. we will do everything to restore exploited natural sites to their previous condition. In many cases, the restored site will be in a better condition at the completion of the project.

Sand and Gravel examination:

A broad range of research and field measurements are used to gather information about the location, quality, size, type and nature of sand and gravel deposits.

Material procurement:

The availability and procurement of construction materials for some regions of Afghanistan can be demanding and complicated. how to provide material to difficult locations and, in addition, has developed a reliable list of various material suppliers who have over the year been consistent and reliable in supplying needed materials. These established relationships insure ESMAT FARHAD (E.F.C.R.L.C) and its clients receive priority treatment in acquiring construction materials and this priority is significant in maintaining project schedules and budgets.

BUILDINGS

Our building division offers clients internationally recognized capabilities in architectural, structural, and civil engineering and design as well as experienced construction project management. ESMAT FARHAD (E.F.C.R.L.C) provides clients with practical and durable facilities, designed to meet the customer's needs.



Staff works with the customer using state of the art design capabilities to create an effective design project. We can design and build all types of building structures including educational, military, residential, industrial and commercial facilities.

EQUIPMENT:

ESMAT FARHAD (E.F.C.R.L.C) owns the majority of the currently engaged construction engineering equipment, The equipment includes large Earth – moving machines, Excavators, Dump truck, Loader, Crush Machine, Tractors, Truck Kamaz, Water tanks,

Generator Water Pump, Vibrators, Wooden shuttering,

Mixers, cranes, paving machines, Material Handling equipment and many other machines.



Crushing planet mining planet

Stone production line Stone crusher product description:

Stone production line including vibrating feeder, jaw Crusher, impact crusher, vibrating screen, belt conveyor and centrally electric controlling system,etc.

The designed Capacity is from 50t/ h to 500t/ h. To meet customer’s Specific requirement, we can also add other equipment’s such As cone crusher, dust catcher on the production line.

Big materials are fed to the jaw crusher evenly and gradually By vibrating feeder through a hopper for primary crushing. After first crush, the material will transferred to impact Crusher by belt conveyor for secondary crush, the crushed.

Materials will then transfer to vibrating screen for Separating. After separating, the parts that can meet Standard will be transferred away as final product, while the other parts will be returned to impact crusher, thus Forming a closed circuit. Size of final products can be



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Combined and graded according to customers specific Requirement. We can also equip dust catcher system to Protect environments'.

Crushing planet you can also say it aggregate plant or quarry plant includes vibrating feeder jaw crusher impact crusher vibrating screen belt conveyor And centrally electric controlling system, etc. the designed capacity is from 50t/h to 500/h to meet customers dust catcher on the production line.

ESMAT FARHAD (E.F.C.R.L.C) offers complete series jaw crusher when you need complete superior jaw crusher designee to handle reinforced materials to produce and saleable count on us as your single source supplier for equipment application expertise and product support.

ESMAT FARHAD (E.F.C.R.L.C) delivers superior serious Jaw crusher that produce high quality cubical aggregates.

No one works harder than ESMAT FARHAD (E.F.C.R.L.C) to provide more value reliability and reduced operating cost for your material processing needs.



SOLAR ENERGY

Today's resource for a brighter tomorrow

solar energy has been used by our ancestors in many ways. The glass lenses were used for creating fire by magnifying the sun rays. Even prior to that, the flint stones were used to create fire. Now the solar energy can be harnessed for creating electricity which could be stored and distributed in a pollution free atmosphere. Large investment is one of the primary reasons why solar energy is still not used by many people across the world.

Our Vision

To enable a sustainable future through accessible solar energy.

Our Mission

To provide affordable and reliable solar solutions to individuals, businesses, and communities, while promoting environmental sustainability and energy independence. We strive to exceed customer expectations by delivering high-quality products and services that are customized to meet their unique needs, and by fostering a culture of innovation and excellence in all that we do



Why to Choose us and our services?

NON-POLLUTING ENERGY

Energy that is ecologically safe and renewable. The most widely used source is hydroelectric power, which currently supplies some 6.6% of the world's energy needs. Other non-polluting sources are solar energy, tidal energy, wave energy and wind energy.

LOW COST OF MAINTENANCE

A properly installed system has little to no solar maintenance costs. Over the course of its 25-30 year average life, there are only a few ongoing costs associated with the system as a whole.

RENEWABLE SOURCE

Renewable energy is energy derived from natural sources that are replenished at a higher rate than they are consumed. Sunlight and wind, for example, are such sources that are constantly being replenished. Renewable energy sources are plentiful and all around us.

EASY TO INSTALL

Solar installations are getting easier all the time and there's plenty of do-it-yourself information out there.



Services We Offer

We offer to commission and install solar panels, windmills, large scale installation of polycrystalline silicon solar pv, monocrystalline silicon solar pv, thin film solar pv and turnkey projects on solar energy installations.

RESIDENTIAL

We offer special pricing for residential customers because we know how important solar power is for domestic consumption.

ESTATES/FARM HOUSES

Since there will be huge space available in such environment, our erection engineers would study your layout and come with a suitable solution for Solar Panel deployment.

SCHOOLS & COLLEGES

Avail our special pricing for educational institutions as their requirements differ from that of others. Check our pricing for educational institutions.

CORPORATE

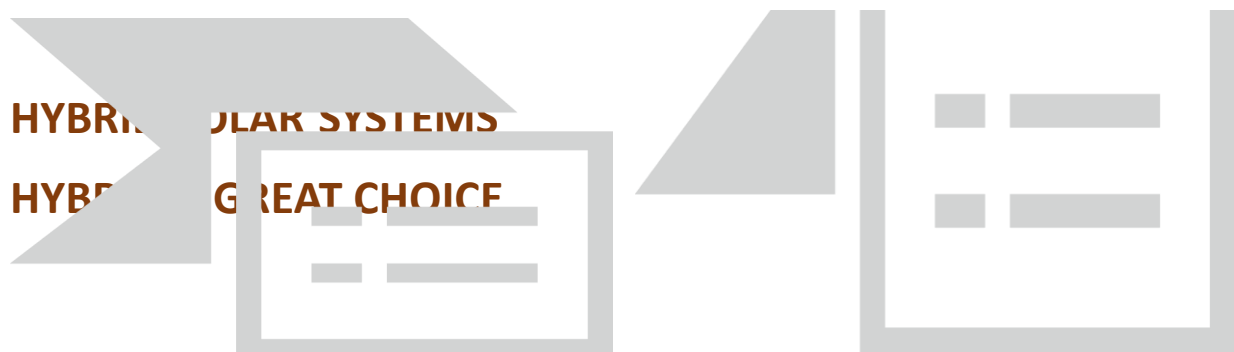
Large scale installation is carried out by our project teams so that a high percentage of the requirements of the corporate is met. Reduced load requirement from the common grid makes them qualify for Govt subsidies.

GOVERNMENT

Our sophisticated design and execution is well-known. We strive hard to complete the project on time and ensure a smooth flow of energy from the augmented grid.

SMEs

Small and Medium industries would stand to benefit a great deal from Solar Zone as their requirements could be totally obtained from solar energy itself. Their eligibility for subsidies would go several fold higher when they become self sufficient in power usage.



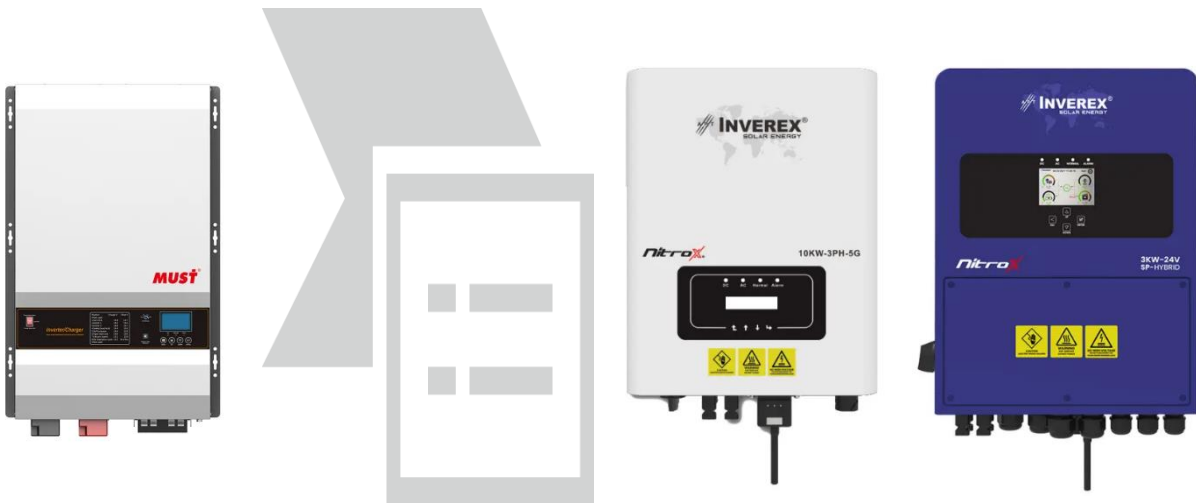
In most cases the search for reliable power is what most clients are looking for. This type of system can be built in many different ways, but the most cost efficient way is by using a Hybrid Inverter System.

This type of system allows you to utilize the power generated from the solar panels during the day to run your daytime loads and charge your batteries to have stored energy for your night time loads. The hybrid system also allows for an alternative power source such as grid or generator to switch to when the batteries are flat before the sun comes up again.

- The system can be built to generate quite a lot of power when wired properly.
- The system switches quickly between power sources making the power very reliable.
- Can be built to accommodate 3 phase systems.
- Batteries make this system more expensive than a grid tied system.

GRID-TIE SOLAR SYSTEMS

When your main focus is to reduce your utility bill instead of having backup power, then you should focus on a grid tied system. Grid tied systems, as the word indicates is tied to your current grid (Eskom if you reside in South Africa). This type of system was designed to have no need for batteries, reducing the system cost dramatically. The system comprises of a grid tied inverter and PV panels (solar panels) that are connected to your grid. When the grid is active, the system will produce power from the solar panels to feed your appliances and if there is not enough solar power available, then the extra power needed will then be taken from the grid. This reduces the amount of units (KW) used from the grid.



SOME PROS AND CONS

- The downside to a grid tied system is that if the grid fails the grid tie inverter switches off. So there is no form of backup power.
- A single-phase home is limited to a 4.6kw inverter. > A three phase home is limited to 4.6kw per phase.
- The system is relatively cheap compared to other types of systems. > Backup batteries can be added by adding an additional inverter charger

Pumps for Solar Pumping Systems

There are two major types of solar pumps, direct current (DC) and alternating current (AC). DC solar pumps are generally suitable for small applications (garden fountains, landscaping, etc.) and are relatively low-priced, particularly because they do not require inverters to produce AC power from the solar panels. These pumps are generally designed to operate with minimum electrical power, so they have rather low flow rates. Such pumps often find use in submersible deep wells where a slow but steady pump rate is acceptable.

AC solar pumps are driven by inverters producing AC power from PV panels. They are suitable for all kinds of applications from landscaping to irrigation, particularly large-scale applications such as farmland irrigation, desert control, and so forth. AC solar pumps are available in power output ranges from 150W to 55kW.

Solar-powered pumps are characterized as either positive displacement pumps (e.g. diaphragm, piston, or helical rotor) or centrifugal pumps. Positive displacement pumps are typically used when the TDH is high and the flow rate (measured in gallons per minute) required is low. Conversely, centrifugal pumps are typically used for low TDH and high flow rates.

There are many resources available that provide specific information and advice for implementing solar water pumps in a variety of situations. These should be consulted to meet the needs of specific applications.



Petroleum, oil and Lubricant (POL):

ESMAT FARHAD (E.F.C.R.L.C) has the capability of supplying Petroleum, oil and Lubricant from famous companies of the world by equipped fuel trucks by which we can easily obtain our customers satisfaction. Currently we have come into a contract with one of Russian famous companies in producing high quality Diesel and Petrol fuel, so, we can supply the ordered fuel to different provinces of Afghanistan. Any type of lubricant such as engine oil, transmission fluid, hydraulic, brake fluid and similar stuff will be easily provided to the customers at a short period of time.



Non-alcoholic Drinks

Esmat Farhad (E.F.C.R.L.C), has the capability of providing any type non-alcoholic drinks and beverages such as bottled water, Red bull, Fanta, Pepsi, fruit juice and likewise.

All beverages will be imported from famous companies of the world which will be in accordance with international norms and standards.



Electronic Tools

ESMAT FARHAD (E.F.C.R.L.C) supplies high quality commodities to the customers stationed all over Afghanistan, we import electronic commodities from famous Asian, European and American companies to attain our customer's satisfaction.

Electronic goods we import are included but not limited to, washing machine, dryer, vacuum cleaner, lap top, desk top computer, camera, video, CD, DVD, MP₃, and MP₄ player, flat TV, converter, microwave, air conditioner, refrigerator, freezer, iron, stabilizer, power drill and more from famous Companies Such Samsung, SEIMENS, DELL, Sony ETC.



Security:

Esmat Farhad (E.F.C.R.L.C) provides comprehensive and complete security solutions for its clients which various on all aspects of life

The services provided in this sector can be categorized in the following manner:

1. armed security and protection services
2. convoy security guards
3. personal Armed / Unarmed bodyguards
4. premises Armed protection guards
5. proactive protection measure, equipments and construction
6. construction for security including concrete batches, security towers, security bunkers, HESCO filling and designing
7. security surveillance systems including audio visual equipments and electronics gates and passages
8. security planning management

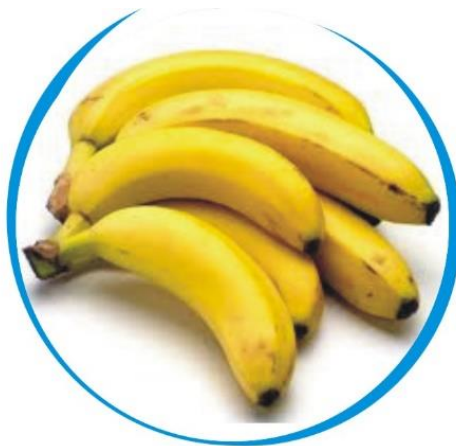


Food Services

ESMAT FARHAD (E.F.C.R.L.C) logistics and different types of raw and Logistics Services is a full services company which can easily supply cooked food staff from Asian, European and American companies to dear customers stationed all over Afghanistan with decent prices.

Raw food staff we can supply are included but not limited to wheat, flour, rice, beans, pea, sugar, cooking oil, fresh and powdered milk, and more. Similar cooked food staff we supply are conserve, beans, chicken, beef and likewise, all cooked and uncooked food staff we supply will be in accordance to international health standards and up to date.

Besides that, we can supply fresh vegetables and fresh fruit which are all kept in our refrigerating container units.



Vehicles

Esmat Farhad (E.F.C.R.L.C) has the pride to supply up-armored and soft skinned vehicles for the customers stationed all over Afghanistan for lease and sale.

We have got the capability to supply brand new, zero Km as well as used Lexus, Land Cruiser, Prado, Cruising, 4Runner, Mercedes Bus, coaster bus and many more.



Living Container

ESMAT FARHAD (E.F.C.R.L.C) has got a professional team of living container, office modules, shower, latrine and B-hut builders who can professionally build containerized living containers in different Sizes in accordance to the customers order.



Concrete Jersey barrier

ESMAT FARHAD (E.F.C.R.L.C) has the capability of producing and supplying Jersey barrier, concrete pipe, Concrete ring in different sizes as well as PVC pipe, fitting, windows and doors.



Heavy equipment for sale and lease:

ESMAT FARHAD (E.F.C.R.L.C) has the pride of providing any type of heavy equipment to clients all over Afghanistan for sale and lease. Equipments we can supply are high tonnage crane, dozer, excavator, lowboy, backhoe, roller, Bobcat, pavers and many more.



Furniture

Esmat Farhad (E.F.C.R.L.C). has the ability of procuring any kind of Furniture for office as well as for houses. Furniture we supply is imported from famous Companies of the world which can easily meet your requirements.



Generator

Esmat Farhad (E.F.C.R.L.C) has the ability of supplying original Diesel and Petrol generators in different sizes as well as different voltages. We can import generators from Japanese, English, German and Chinese companies or as requested by our clients.



Transportation

ESMAT FARHAD (E.F.C.R.L.C) offers its transportation services with equipped trailers, low boy, 20ft and 40ft Containerized trucks along with security escorts to make sure every thing reaches to the Designated place safely.

We will always ship food staff inside containerized refrigerating units to make sure all food Staff arrives to designated place well to clients stationed all over Afghanistan.



List of Complete Projects:

No	Description of Project	Client	Value	Status
1.	Solar Water Supply System Project	Completed	AFN 4,953,545.00	Completed
2.	Afghan Red Crescent Society(ARCS)	GAVI	AFN 2,688,000.00	Completed
3.	Solar Package System	MOI	AFN 9,625,000.00	Completed
4.	Medicines Sans Frontiers MSF	MSF	AFN 11,549,300.00	Completed
5.	Permanent Shelter Projects	AHDAA	AFN 9,977,400.00	Completed
6.	Logistical Supply Helmand Province	Tetra Tech	USD 649,000.00	Completed
7.	International Medical Corps	IMC	USD 107,500.00	Completed

