

CONSULTANT PROFILE



YEAR 2024



Ultimate
Engineering
Consultants
New Era of Development

Ultimate Engineering Consultant

**Plot No.15-A, Near Police Access Line, Small Industrial Estate
Hayatabad. Peshawar, Pakistan**

Contact No. +92-91-5604455

Email: ultimateengineeringconsultants@gmail.com

1	COMPANY INFORMATION REGISTRATION DOCUMENTS	4
1.1	PAKISTAN ENGINEERING COUNCIL CERTIFICATE	5
1.2	REGISTRATION WITH CHAMBER OF INDUSTRY	6
1.3	FBR/NTN CERTIFICATE	7
1.4	PARTNERSHIP DEED	8
1.5	PRA REGISTRATION	9
2	ULTIMATE ENGINEERING CONSULTANTS PROFILE	11
2.1	ORGANIZATION STRUCTURE/ ORGANOGRAM.....	25
2.2	PROJECTS UNDERTAKEN BY ULTIMATE ENGINEERING	28
2.3	TAX RETURN CERTIFICATES (LAST 03 YEARS)	38
3	PROFESSIONAL EXPERIENCE.....	41
4	PROFESSIONAL CERTIFICATE AND COMPUTER HARDWARE.....	46

1 COMPANY INFORMATION REGISTRATION DOCUMENTS

1.	Name of Firm/consultant	Ultimate Engineering consultants
2.	Year of Establishment	2011
3.	Status	AOP
4.	Office Location	Peshawar, Khyber Pakhtunkhwa
5.	Postal Address	Plot No.15-A, Near Police Assistance Line, Small Industrial Estate Hayatabad. Peshawar
6.	PEC Registration	Consult/1689
7.	NTN #	4681097
8.	Name, Designation and Mobile Number of Firm's Representative	Khalid Zaman (Managing Director) 0300-5983511 Asad Ali (Director) 0333 9062805
9.	Telephone No	091-5604455
10.	Fax Number	091-5604455
11.	Email Address	Ultimateengineeringconsultants@gmail.com

PRINCIPAL ACTIVITIES

Providing intellectual services to assist clients in clarifying their requirements, transforming them into design concepts, and offering expert engineers and support personnel to oversee and facilitate the timely execution of the project by the contractor.

PAKISTAN ENGINEERING COUNCIL

15394

Serial No
PEC-4A

Registration No: **CONSULT/1689**

Date of Registration: **01-12-2014**



**CERTIFICATE OF REGISTRATION OF PAKISTANI
CONSULTING ENGINEER**

(UNDER PAKISTAN ENGINEERING COUNCIL ACT 1976)

This is to certify that M/s ULTIMATE ENGINEERING CONSULTANTS, Address H # 487, ST. # 16, SECTOR # E-2, PHASE-1, HAYATABAD, PESHAWAR have been registered as Consulting Engineers at Serial No CONSULT/1689 of the Register of Pakistan Engineering Council with following particulars:-

Type of Ownership (021,022,023,024) **(PARTNERSHIP)**

Field of Specialization

(Project-profile Code Nos.) **1201,1203,1204(i)(iii)(iv),[1205(i)(IRRIGATION SYSTEM),(v)],
1206,1208(ii),1210,1219(ii),1220,1235(TEN ONLY)
(FOR CIVIL, ELECT & ELECTRONICS ENGG WORKS ONLY)**

SERVICE CODES:
0501,0507,0509,0510,0511,0512,0513,0514,0516,0517,0518,0519,0537,0542,0544,
0545,0546, 0547,0549,0592,0596 (TWENTY-ONE ONLY)

Date of Issue:
23/10/2023




Registrar
Pakistan Engineering Council,
Islamabad.

Note:

1. This Certificate of Registration shall expire on **30th June 2024** and will be renewed on payment of the required fee before 31st July 2024.
2. Description of project profile codes is shown on reverse.

Book No.B 14600

MEMBERSHIP NO 3280

Serial No.B 1459961

MEMBERSHIP CERTIFICATE

Name & address of Chamber **PESHAWAR CHAMBER OF SMALL TRADERS & SMALL INDUSTRY**
Association

SERVICE LANE NISHTERABAD, MAIN G.T. ROAD PESHAWAR

(Affiliated with the Federation of Pakistan Chambers of Commerce & Industry)

CERTIFIED that **M/S. ULTIMATE ENGINEERING CONSULTANTS**

(name and address of Member Firm / Company)

... HOUSE #.487, STREET # 16, SECTOR.E-2, PHASE 1, HAYATABAD. ,PESHAWAR

G.S.T. No..... N.T.N. No.....**4681097-4**.....

is a member of this Chamber **PESHAWAR CHAMBER OF SMALL TRADERS AND SMALL INDUSTRY**
Association

THIS CERTIFICATE shall be valid upto the **31st March 2024**..... unless
(date)

otherwise notified to the NTN / GST Registration authority / Scheduled Bank

concerned



Given on this **23** day of **AUG** 20**23**

Signature of Secretary General.....

Countersigned by.....

(name and designation)
SALMAN ELAHI MALIK (PRESIDENT)

1.3 FBR/NTN CERTIFICATE

 Government of Pakistan
Federal Board of Revenue
Inland Revenue Services

TAXPAYER REGISTRATION CERTIFICATE

(Under Section 181C of the Income Tax Ordinance 2001)

Registration No.	4681097	
Date of Registration	07-Dec-2021	4681097
Type of Person	Association of Persons	
Formation Date	06-Dec-2021	
Name	ULTIMATE ENGINEERING CONSULTANTS	
Address	House No. 487, Street No. 16, Sector E-2, Phase 1,, Hayatabad,, Peshawar Peshawar	
Tax Office	RTO PESHAWAR	
Activity Type	Business	

This is a computer generated certificate and, hence, no signatures are required.

Displaying of Taxpayer Registration Certificate is mandatory as provided under section 181C of Income Tax Ordinance 2001.


This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C) of sections 2 and 181A of the Income Tax Ordinance 2001.

  Date of Print 05-Dec-2022

PARTNER IN PROGRESS  051 111 772 772 helpline@fbr.gov.pk www.fbr.gov.pk

PARTNERSHIP ACT, 1932

OFFICE OF THE REGISTRAR OF FIRMS, KHYBER PAKHTUNKHWA PESHAWAR


FORM "H"

In the matter of the Firm, M/s. "ULTIMATE ENGINEERING CONSULTANTS"
House # 487, Street No. 16, Sector E-2, Phase 1, Hayatabad, Peshawar, I hereby
certify that the under-mentioned documents have this day been duly filed and registered
pursuant to the provisions of the Partnership Act, 1932.

1. Form-E dated 16.03.2023
2. Photocopy of revised partnership deed dated 16.03.2023 executed on 16.03.2023
3. regarding the retirement of Partner Mr. Qaisar Shah under section-63(1) of the Partnership Act, 1932.

1.	Mr. Zeeshan Najam Khan	51%
2.	Mr. Asad Ali	32.66%
3.	Engr. Khalid Zaman	16.34%


Given under my hand and seal, this 21st day of the March 2023


Entry made in the register vide Page No. 9866

Fee Rs. 3500/-

SEAL

No. 336 /9/38336




**REGISTRAR OF FIRMS
KHYBER PAKHTUNKHWA**

Dated: 21 /03/2023

GS&PD, KP/SS-4416-Dir Ind-1,000 Form-84,11,2022/Indus Dept Jobs/Dir Indus Form-H

1.5 PRA REGISTRATION

PNTN/CNIC/Reg./Inc. No	4681097-4
Name	ULTIMATE ENGINEERING CONSULTANTS
Business Name	ULTIMATE ENGINEERING CONSULTANTS
Principal Activity	9815.5000 - 9815.5000 - Services provided by professionals and consultants etc. / Technical scientific & engineering consultant including technical inspection and certification services,
Other Activities	Other Activities 9809.0000 - 9809.0000 - Services provided by persons engaged in contractual execution of works or furnishing supplies. / Services provided by persons engaged in contractual execution of works or furnishing supplies.
Filing Status	ACTIVE
Filing Status Checking Date	13-Oct-2023




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User Guide

- [How to e-Register](#)
- [How to e-Enroll](#)
- [How to e-File Return](#)
- [How to Pay Taxes](#)
- [Tax Calendar](#)

ACTIVE TAXPAYERS LIST (ATL)

SEARCH UTILITY

Key
NTN
NTN

917661
Enter Image Characters

✓ TaxPayer is **ACTIVE** and **FILER** as on: **17-Oct-2023 (12:30 PM)**

Mar-2023, Apr-2023, May-2023, Jun-2023, Jul-2023, Aug-2023



Compliance = 100%

Downloads

- Finance Act 2016
- Khyber Pakhtunkhwa Sales Tax on Services Rules, 2013
- Sales Tax Return Forms
- Tax Payment Form
- Notification for Sales Tax on Services
- Authorized NBP Bank Branches

Related Links

The Government of Khyber Pakhtunkhwa

CONSULTANTS ENGINEERING CONSULTANTS
PROFILE:

2 ULTIMATE ENGINEERING CONSULTANTS PROFILE

INTRODUCTION

Ultimate Engineering Consultants is a group of certified professionals in various engineering disciplines. UEC is a fast-growing consultancy firm offering unbeatable leadership of technical proficiency and professional services primarily in the area of water supply, sanitation, water treatment, urban infrastructure, structure/buildings, roads and renewable energy system especially solar energy System. Ultimate Engineering Consultants is pioneer in Solar Technology intervention in Khyber Pakhtunkhwa with Public Health Engineering Department, Energy and Power Department, Home and Tribal affairs department.

Ultimate engineering was primarily established in 2011, since the company has undertaken and successfully completed a number of projects with government and non-government organization. The company was registered with Pakistan engineering council (PEC) in 2014.

Our Professionals possess local and international exposure and trained through programs carried by Pakistan Engineering Council (PEC) other engineering professional bodies (EPE) and Pakistan Council of Renewable Energy Technologies (PCRET) time to time.

We are committed to serve the needs and expectations of our clients. Our team guarantees better than expected facilities. We also ensure to build confidence in stakeholders to rely on in-country service providers for future projects. The company is capable of handling projects relating to:

1. Renewable/Solar energy system
2. Water supply & sanitation
3. Waste water treatment, solid waste management
4. Urban infrastructure, Building, Road, Highways & irrigation works
5. Wireless communication system

OUR VISION

UEC Striving for highest level of engineering excellence in diverse disciplines of Civil Environmental and Electrical Engineering. The company aims to improve the infrastructure of the nation by producing innovative technologies and ensure the task in professional manner and provide services to ensure customer satisfactions.

OUR MISSION

We committed to research, develop, promote, disseminate, impart training and provide engineering services for raising the living standard of the people living in Pakistan and especially Khyber Pakhtunkhwa.

COMPANY SERVICES

Keeping in view the Scenario of Khyber Pakhtunkhwa, our team is oriented on the cultural and social aspects, redress of field issues, coordination with the Public representatives, local representatives and elders. The consultant is continuously growing and trusted for his professional obligation amongst the Government departments and other clients.

The Ultimate Engineering consultants apart from Water supply, sanitation, solid waste management, Hydropower, irrigation, have focused and developed a research based dedicated consultancy services in the field of renewable energy technology especially solar energy system.

Ultimate Engineering possess huge organization structure having certified engineering and management professionals i-e Project managers and multiple teams for Survey, Planning, Design, site execution, testing and commissioning. A separate research wing has been established which keeps working on new ideas all the times and comes up with appropriate technology solution.

We are offering a wide range of consultancy services in various sectors to government of Khyber Pakhtunkhwa, Punjab and Baluchistan our client includes Public Health Engineering Department, Energy and Power Deptt, C&W Deptt, WSSC's Home and Tribal affairs department. We are working with government and nongovernmental (NGO's) organization; our services are widely spread over the province of Khyber Pakhtunkhwa and FATA.

KEY ROLES OF THE COMPANY

Company key roles are discussed in the following sections.

PROJECT QUALITY MANAGEMENT

Quality Management system play a pivotal role in success of the project. UEC exercise quality management practices in projects pertain to all portfolio i-e Water Supply projects, Solar system projects, water treatment, environmental projects and other projects handled by the consultants from time to time. Project Quality Management includes the following main processes

- Quality Management Plan
- Quality Assurance
- Quality Control

QUALITY MANAGEMENT PLAN

Quality Management Plan is intended to be a living document which is reviewed and updated periodically to ensure compliance with changes to plans, processes and organizational structure.

QUALITY ASSURANCE

It is an approach and a realization that quality is something that occurs throughout the process. Quality requires performing all the activities in conformance with the valid requirements, no matter how large or small is their overall contribution to the whole project.

QUALITY CONTROL

Quality Control consists of compliance testing and process control monitoring. However, the type of technical specification has important implications on the way in which quality control is administered. Therefore, it is necessary to discuss different types of technical specifications which may be used expertise is spread to diverse disciplines of Electrical Engineering, Mechanical and Civil Engineering.

PREPARATION OF CONSTRUCTION METHODOLOGY

Construction methodology includes plans, procedures, techniques and strategies used during construction. Construction operations are generally classified according to specialized fields. UEC has been involved in developing construction methodologies for all projects undertaken

- Project Management and Interventions
- Detail survey of the project area
- Preparation of IEE/EIA reports etc

- Preparation of design and specifications
- Preparation of PC-I
- Procurement of contractors/firms,
- Quality assurance, quality control (QAQC)
- Supervision phase
- Technical sanctions

SERVICES

Ultimate Engineering Consultants have the expertise, knowledge, and experience required to comprehensively plan, execute, and oversee engineering projects from their inception to finalization. Our dedicated team possesses extensive experience across a diverse spectrum of projects, spanning various complexities, such as renewable energy, highway construction, bridges, and building developments. We take pride in our accomplished and seasoned staff, well-equipped to deliver engineering services in various fields.

RENEWABLE ENERGY (SOLAR/WIND)

Ultimate Engineering consultants having dynamic set of multidisciplinary sectors in renewable Energy in the forms of Solar and Wind energy,

Services provided in this sector are, completion of project, feasibility studies, planning, designing, tender documentation, cost estimation, construction supervision and project management. Ultimate Engineering consultants is Solar pioneer in Khyber Pakhtunkhwa and major project completed

Project Photos (CIVIL SECRETARIATE, PEDO KP)	
<p>❖ Value of the Project = Rs: 190 Million</p> <p>❖ Value of Consultant Services = 3.079 Million</p> <p>❖ Completion Date = August 2019</p> <p>❖ Project Description : 575 kW on-grid Solar System</p>	 

Civil Secretariate Project

Project Photos (CM HOUSE/CM SECRETRIATE, PEDO KP)

- ❖ Value of the Project = **Rs: 109 Million**
- ❖ Value of Consultant Services = **2.209 Million**
- ❖ Completion Date = **August 2019**
- ❖ Project Description : **376 kW On-grid Solar System**



Chief Minister secretariate Project

Project Photos (PHED SOUTH REGIONS)

- ❖ Value of the Project = **Rs: 535.352 Million**
- ❖ Value of Consultant Services = **26.512 Million**
- ❖ Total Number of Schemes = **130**
- ❖ Completion Date = **March 2018**
- ❖ Project Description : **2 HP - 40 HP Solar Pump installed**



Solar pumping projects (2HP-40HP), South Districts

Project Photos (PHED KARAK)

- ❖ Value of the Project = **Rs: 152.000 Million**
- ❖ Value of Consultant Services = **5.746 Million**
- ❖ Total Number of Schemes = **30**
- ❖ Completion Date = **June 2017**
- ❖ Project Description : **5 HP - 30 HP Solar Pump installed**



Solar pumping project at Karak

Project Photos (PHED FATA KOHAT)

- ❖ Value of the Project = **Rs: 146.113 Million**
- ❖ Value of Consultant Services = **8.460 Million**
- ❖ Total Number of Schemes = **62**
- ❖ Completion Date = **June 2019**
- ❖ Project Description : **5 HP - 30 HP Solar Pump installed**



Solar Pumping Projects at FATA Newly merged Area

Project Photos (PHED FATA MOHMAND)

- ❖ Value of the Project = **Rs: 194.186 Million**
- ❖ Value of Consultant Services = **8.350 Million**
- ❖ Total Number of Schemes = **250**
- ❖ Completion Date = **June 2019**
- ❖ Project Description : **2 HP - 5 HP Solar Pump installed**



Solar Pumping Projects at FATA Newly merged Area (Mohmand)

Project Photos (PEDO KP)

- ❖ Value of the Project = **Rs: 871 Million**
- ❖ Value of Consultant Services = **22.755 Million**
- ❖ Total Number of Masajids = **1900**
- ❖ Completion Date = **June 2020**
- ❖ Project Description : **5 kW Each Solar System**



Solar system at Masajids KP (central Regions)

Project Photos (PEDO KP)

- ❖ **Value of the Project = Rs: 314 Million**
- ❖ **Value of Consultant Services = 13.512 Million**
- ❖ **Total Number of Buildings = 700**
- ❖ **Completion Date = June 2020**
- ❖ **Project Description : 700*5 kW Solar System installed**



Solar system at Masajids KP (Hazara Regions)

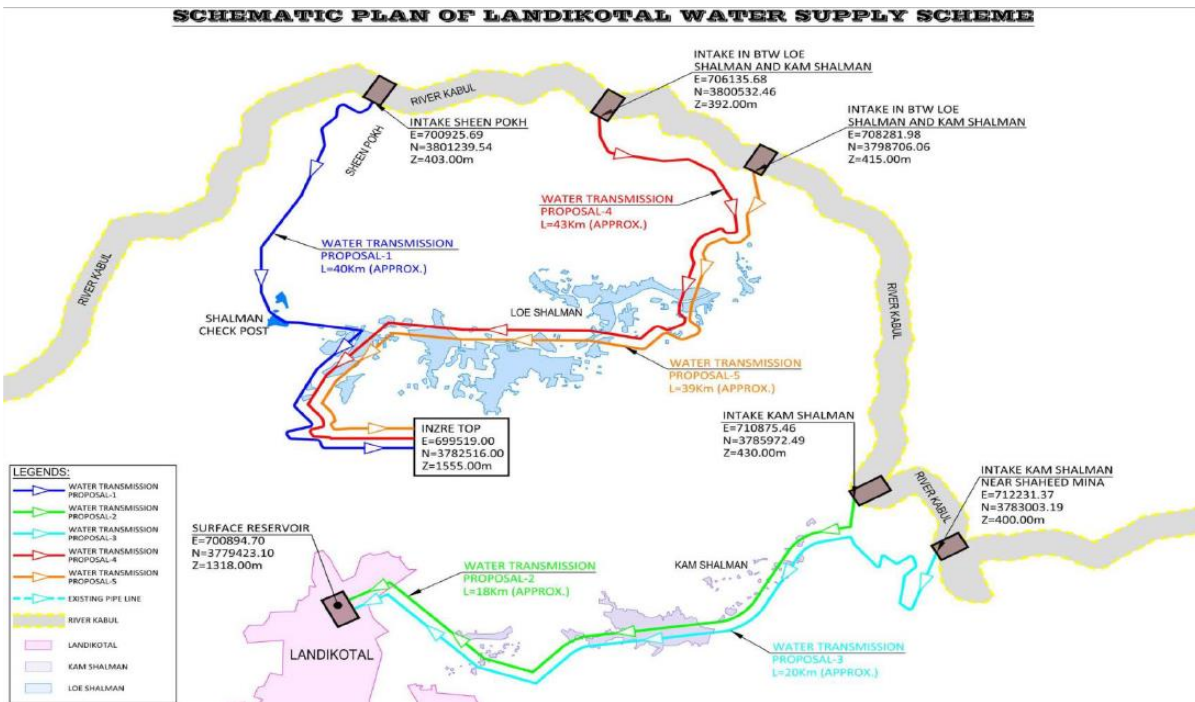
WATER SUPPLY AND SANITATION

Ultimate Engineering Consultants have a wide range of experience in the field of water supply. The company have undertaken several water supply projects with PHE Department and other stake holders/clients. The project undertaken illustrate the capability of the firm for handling similar projects. The methodology adopted for projects are:-

- Survey
- Planning/Master planning
- Water quality tests
- IEE/EIA report
- Feasibility study
- Preparation of Design and specifications
- Preparation of PC-I/Cost estimate
- Preparation of SBDs
- Procurement
- Commencement



SCHEMATIC PLAN OF LANDIKOTAL WATER SUPPLY SCHEME



Greater water supply scheme Shalman to Landi Kotal

WATER TREATMENT PLANT/WASTE WATER TREATMENT

Ultimate Engineering consultants have the expertise, in the field of water treatment i.e waste water treatment, Saline water treatment for municipal purpose i.e reverse osmosis, ultra-filtration plants etc. The company has undertaken several projects which illustrate the performance of the company.

The methodology adopted are: -

- Survey
- Planning
- Water quality tests
- IEE/EIA report
- Feasibility study
- Design and specifications
- Preparation of PC-I/Cost estimate
- Preparation of SBDs
- Procurement
- Commencement



ENVIRONMENTAL IMPACT ASSESSMENT

EIA is a basic tool for integrating environmental concerns at the project design stage level. The general objectives of the EIA are below.

- Land Use Planning and Master planning
- Site and Route Selection Studies
- Environmental, Social, Health and Economic Impact Assessments
- Environmental, Social and Health Management and Action Plans
- Biodiversity Monitoring and Management Plans
- Resettlement Planning and Implementation Support
- Permitting Requirements Analyses and Permitting Support
- Public Consultation and Stakeholder Engagement



SOLARIZATION OF WATER SUPPLY SCHEMES

At ultimate engineering, we have expert of solar system design have diversified professional experience whose work on solar system, innovation with latest technology of solar panels and provide energy effect solution at on grid ties system and off grid system



IRRIGATION

This has also been a core area of expertise of the company. At Ultimate Engineering Consultants, we adopt a

- systematic methodology for completing various irrigation projects and provide services in
- planning and investigation, design and documentation, construction and supervision and system
- evaluation and operation. Some of the services are,
- Irrigation Design
- Water Resource Consultancy
- Irrigation Demand Modeling
- Auditing
- Irrigation Scheduling
- Expert Reporting
- Master Planning
- Irrigation Distribution Networks

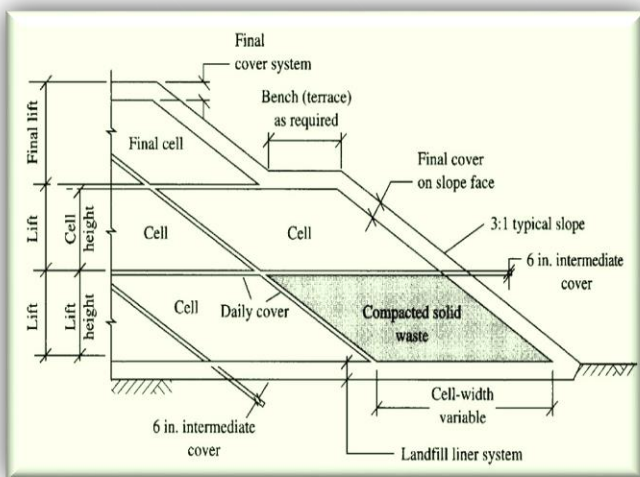
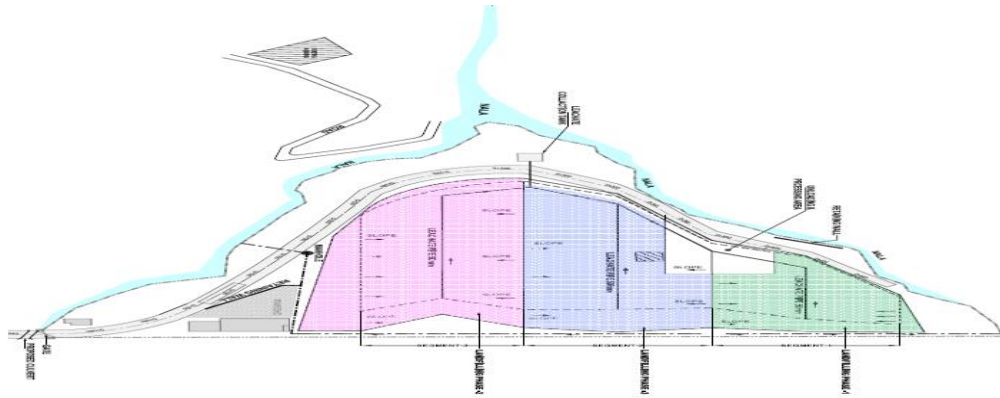
MASTER PLANNING/URBAN & REGIONAL PLANNING AND ARCHITECTURE

- **Master planning and Urban & regional Planning of commercial and residential projects.**
- **Land use planning**

Architectural design of

- Residential Buildings

- Office Buildings
- Sports Complex
- Plaza Industrial Building
- Hospitals



TRANSPORTATION ENGINEERING

Transportation engineering involves the utilization of scientific principles to ensure the secure and effective mobility of both individuals and commodities. In the realm of civil engineering, transportation engineering predominantly encompasses activities such as strategizing, designing, building, maintaining, and operating transportation infrastructure. The Transportation Division at Ultimate Engineering Consultants boasts a wealth of experience encompassing all varieties of roadways and providing a comprehensive range of services in this field.

- Geotechnical investigations
- Hydrological assessments
- Topographic surveys employing GPS-based tools
- Studies on traffic flow and safety
- Planning and design of highways and bridges
- Development of geometric and pavement designs
- Creation of tender documents, contracts, and specifications

- Compilation of shop drawings
- Pavement analysis and design
- Horizontal and vertical geometry planning
- Project and construction management.

RESIDENTIAL, COMMERCIAL AND PUBLIC BUILDINGS

At Ultimate Engineering Consultants, we're proud to have a team of immensely experienced professionals who have successfully contributed their expertise to a diverse range of projects, including multistory apartment buildings, offices, warehouses, schools, community facilities, and residential developments

- Initial conceptual planning
- Geotechnical exploration and analysis
- Preliminary and final engineering phases
- Studies assessing the feasibility of land use
- Development of roads and parking facilities





DESIGN, CONSTRUCTION & SUPERVISION SERVICES

- Survey
- Geotechnical investigation
- Preparation of design and Specifications
- Preparation of PC-I/Cost estimate
- Preparation of SBDs
- Procurement
- Preconstruction meetings
- Utility coordination
- Resident Engineering
- Shop drawing review / approval





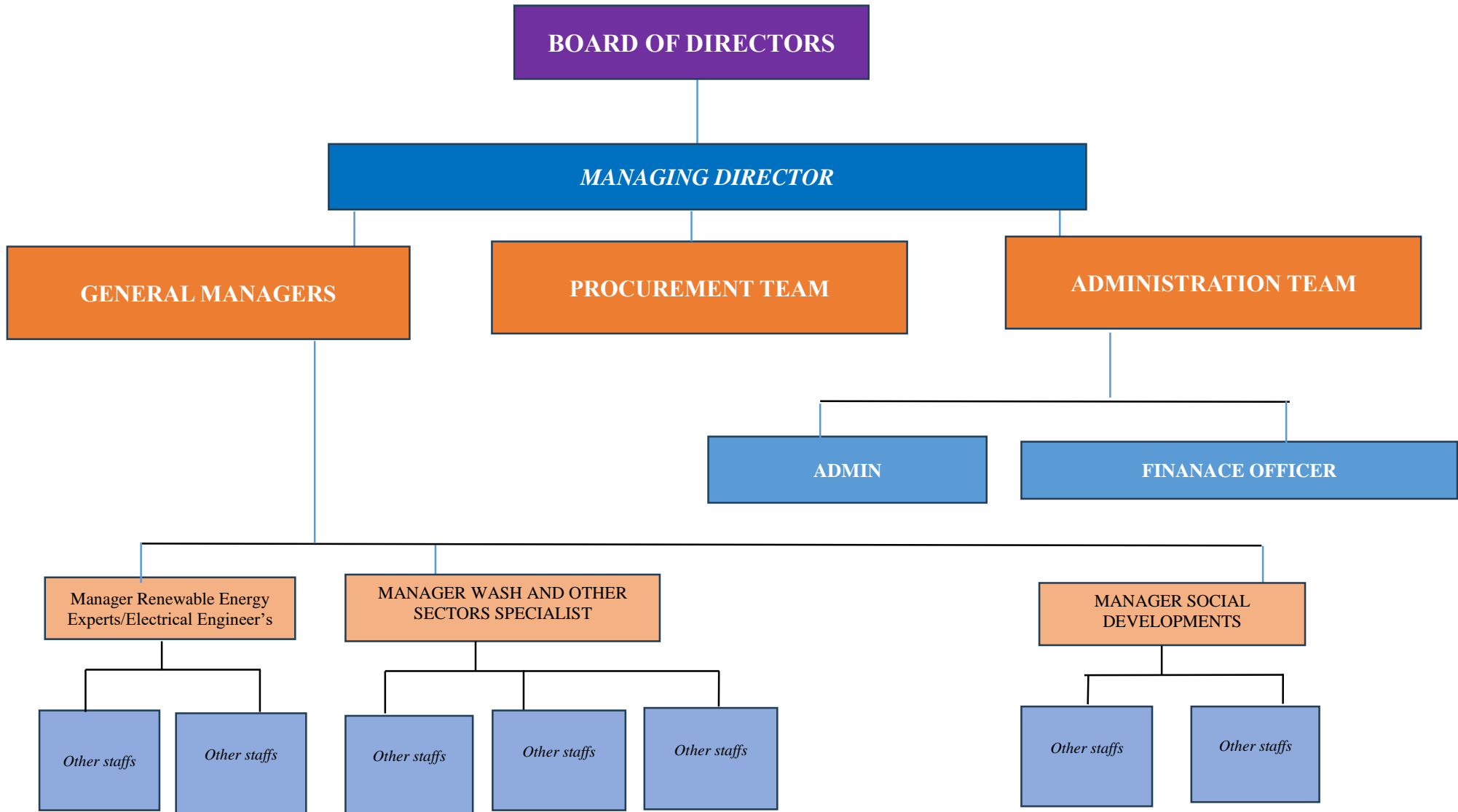
SOCIAL DEVELOPMENT

The Social Development division at Ultimate Engineering Consultants is staffed with seasoned social experts who bring extensive experience in collaborating with donor clients like UNICEF, the World bank, the European Commission, Asian Development Bank, as well as partner organizations and governments. We engage in partnerships with various stakeholders, including government entities, private sector enterprises, NGOs, and citizens' groups, and offer tailored solutions to address local needs. Our service offerings include, but are not limited to:

- Evaluating and enhancing capacity, both institutional and individual, including capacity assessment and development.
- Promoting sustainable rural development.
- Enhancing public service skills in areas such as education, sanitation, and health.
- Advocating for social justice and equity.
- Monitoring and evaluating social systems and programs.
- Implementing strategies for poverty reduction and alleviation.
- Fostering community development and encouraging popular participation.
- Conducting socio-economic planning and analysis.
- Program Assessment & Evaluation
- Project Management and Evaluation

2.1 ORGANIZATION STRUCTURE/ ORGANOGRAM

Ultimate Engineering Consultants follows a multi-team structure, with each team specializing in their respective fields to ensure excellent services, innovative solutions, and excellent customer support. The company is governed by a Board of Directors comprising industry experts who set strategic goals. The Managing Director then transforms these goals into actionable plans, supported by a team of specialized directors who provide guidance through effective business strategies and rigorous corporate policies."



2.2 PROJECTS UNDERTAKEN BY ULTIMATE ENGINEERING

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
LIST/SUMMARY OF SIMILAR PROJECT (SOLAR BUILDING/SOLAR WASH/HEALTH) INHAND							
1.	CONSULTANCY SERVICES FOR THE PROJECT "SOLAR SYSTEM DESIGN AND CONSULTANCY SERVICES FOR UNHCR OFFICE IN PAKISTAN (Frame Agreement)	UNHCR	Jan 2023	Ongoing	1,295 US\$ Rs 336.869	Baluchistan & Punjab	Feasibility, Design Review & Supervision Details attached at Appendix-I
2.	CONSULTANCY SERVICES FOR THE PROJECT "PROVISION OF SOLAR SYSTEM DESIGN & CONSULTANCY SERVICES FOR UNHCR	UNHCR	Oct 2023	Ongoing	13.00	Baluchistan & Punjab	Feasibility study, details design and preparation of BOQ's Details attached at Appendix-II
3.	CONSULTANCY SERVICES FOR THE PROJECT "PROVISION OF SOLAR SYSTEM DESIGN & CONSULTANCY SERVICES FOR UNHCR	UNHCR	Dec 2023	Ongoing	13.269	Baluchistan & Punjab	Construction Supervision of the Project Details attached at Appendix-III
4.	CONSULTANCY SERVICES FOR THE PROJECT "ACCESS TO CLEAN ENERGY- SOLARIZATION OF 8000 SCHOOLS & 187 BHUS IN KPK" (Asian Development Bank Project)	PEDO KPK	Aug 2019	Ongoing	176.264	27 District of Khyber Pakhtunkhwa Pakistan	8000 School and 187 BHU'S Energy Audit , Feasibility, Design and Supervision of the Project. Details attached Appendix-IV
5.	CONSULTANCY SERVICES OF THE PROJECT "INSTALLATION OF 13 NO's OF SOLAR MINI GRID IN MERGED AREAS OF KHYBER PAKHTUNKHWA" ADP NO. 669 (2018-19)	PEDO KPK	Oct 2019	Ongoing	14.158	Merged District of Khyber Pakhtunkhwa	Energy Audit, Feasibility, Design and Supervision of the Project Details attached Appendix-V
6.	CONSULTANCY SERVICES FOR SURVEY, FEASIBILITY STUDY AND PC-1 FOR SOLARIZATION OF 2221 BHU's ON SHORT TERM BASIS	PMU, ENERGY DEPARTMENT PUNJAB	Oct 2019	Ongoing	3.909	Punjab	Survey, Feasibility study of 2221 BHU'S and details Design, preparation of BOQ's Details attached-VI
7.	CONSULTANCY SERVICES OF THE PROJECT "SOLARIZATION OF SCHOOLS IN MERGED AREA	PEDO KP	Oct 2022	Ongoing	27.470	Merged District of Khyber Pakhtunkhwa	1100 School Energy Audit, F/S , details Design and Supervision of the Project Details attached

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
							Appendix-VII
8.	“DESIGN & SUPERVISION FOR THE SOLARIZATION OF 700 WATER SUPPLY SCHEMES IN KHYBER PAKHTUNKHWA UNDER CHINA PAKISTAN ECONOMIC CORRIDOR (CPEC) SOCIO-ECONOMIC GRANT” PACKAGE 01	PHED KP	March 2020	Ongoing	118.000	Khyber Pakhtunkhwa	700 tube well Energy audit, F/Sand Design and Supervision of the Project Details attached Appendix-VIII
LIST/SUMMARY OF SIMILAR PROJECT (SOLAR BUILDING/SOLAR WASH/HEALTH) COMPLETED)							
9.	CONSULTANCY SERVICES OF THE PROJECT “SOLAR ELECTRIFICATION OF 4000 MASAJID IN KHYBER PAKHTUNKHWA- PACKAGE 1	PEDO KP	Feb 2018	June 2020	22.755	Khyber Pakhtunkhwa	1494 Masjids Energy Audit, Design and Supervision of the Project Details attached Appendix-IX
10.	CONSULTANCY SERVICES OF THE PROJECT “SOLAR ELECTRIFICATION OF 4000 MASAJID IN KHYBER PAKHTUNKHWA- PACKAGE 3	PEDO KP	Feb 2018	June 2020	13.512	Khyber Pakhtunkhwa	698 Masjids Energy Audit, Design and Supervision of the Project Details attached Appendix-XI
11.	PROJECT MANAGEMENT AND SUPERVISION CONSULTANTS “SOLARIZATION OF BASIC HEALTH UNITS IN PUNJAB” PHASE-1	Energy Department Punjab	June 2020	April 2022	12.088	Punjab	Energy Audit, Feasibility, Design, Procurements and Supervision of the Project Details attached Appendix-XI
12.	PROJECT MANAGEMENT AND SUPERVISION CONSULTANTS “SOLARIZATION OF BASIC HEALTH UNITS IN PUNJAB” PHASE-2	Energy Department Punjab	June 2020	April 2022	15.905	Punjab	Energy Audit, Feasibility, Design, Procurements and Supervision of the Project Details attached Appendix- XII
13.	CONSULTANCY SERVICES OF THE PROJECT	Energy department	Feb 2020	June 2021	11.949	Punjab	Feasibility, Design Review & Supervision

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
	"2.5MW SOLAR PLANT AT ISLAMIA UNIVERSITY BAHAWALPUR	Govt of Punjab					Details attached Appendix- XIII
14.	DESIGN & SUPERVISION OF THE PROJECT SOLARIZATION OF VARIOUS DRINKING WATER SUPPLY SCHEMES IN SOUTHERN REGIONS IN KHYBER PAKHTUNKHWA	PHED	March 2020	March 2023	43.688	Khyber Pakhtunkhwa	1012 Tube well energy Audit Feasibility study, Details Design, Preparation of PC-I, Preparation of Tender Documents & Construction Supervision Appendix-XIV
15.	CONSULTANCY SERVICES FOR ENERGY AUDIT, DESIGN/REVIEW AND SUPERVISION OF SOLARIZATION OF CIVIL SECRETARIAT (REMAINING DEPARTMENTS OF CIVIL SECRETARIAT) ADP NO. 302	PEDO KP	April 2017	April 2019	3.079	Khyber Pakhtunkhwa	Energy Audit, Design and Supervision of the Project
16.	CONSULTANCY SERVICES FOR ENERGY AUDIT, DESIGN/REVIEW AND SUPERVISION FOR THE PROJECT SOLARIZATION OF CHIEF MINISTER'S SECRETARIAT / CHIEF MINISTER'S HOUSE ADP NO. 310	PEDO KP	April 2017	April 2019	2.209	Khyber Pakhtunkhwa	Energy Audit, Design and Supervision of the Project
17.	CONSULTANCY SERVICES FOR THE SOLARIZATION OF VARIOUS JAILS OF KHYBER PAKHTUNKHWA ADP NO. 513/130281 (2014-15)	Home and Tribal Affairs Deptt KPK	Feb 2015	Jan 2017	9.500	Khyber Pakhtunkhwa	Design and Supervision of the Project
18.	CONSULTANCY SERVICES FOR DETAIL DESIGN ENERGY AUDIT & SUPERVISION OF SOLARIZATION OF AHQ/THQ HOSPITAL AND PROVISION OF SOLAR BASED PUMP AT BUILDING TRIBAL DISTRICT BAJAUR AGENCY	Building division Bajaur Agency	Oct 2018	March 2019	2.314	Merged District of Khyber Pakhtunkhwa	Energy Audit & Design and Supervision of the Project
19.	CONSULTANCY SERVICES FOR SOLARIZATION OF EXISTING AHQ / THQ AND VARIOUS	Building Division Tribal	May 2019	June 2019	3.321	Merged District of Khyber Pakhtunkhwa	Energy Audit, Feasibility, Design, PC-1 Supervision

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
	BUILDINGS IN TRIBAL DISTRICT KHYBER UNDER ADP 2018-19	District Khyber					
20.	CONSULTANCY SERVICES FOR DETAIL DESIGN ENERGY AUDIT & SUPERVISION OF SOLARIZATION OF CIVIL SECRETARIAT (PILOT PROJECT P&D BUILDING) PESHAWAR	P&D Deptt KP	Dec 2014	June 2015	1.499	Khyber Pakhtunkhwa	Design and Supervision of the Project
21.	CONSULTANCY SERVICES FOR SOLARIZATION OF EXISTING AHQ/THQ HOSPITALS FATA TRIBAL DISTRICT KURRAM	Building Division Tribal District Kurram	June 2019	June 2020	3.820	Merged District of Khyber Pakhtunkhwa	Feasibility, Design Review & Supervision
22.	HIRING OF CONSULTANT FOR DESIGN AND SUPERVISION UNDER THE PROJECT "INSTALLATION OF SOLARIZATION SYSTEM AT VARIOUS MOSQUES IN NA-23, NA-24 IN DISTRICT CHARSADA UNDER REGIONAL DEVELOPMENT (INCLUSIVE LIABILITIES SPDI, PP AND DDI) AND SUSTAINABLE DEVELOPMENT GOALS (SDGS) ACHIEVEMENT PROGRAMME (SAP) 2019-20.	Public Health Engineering Division Charsadda	Sep 2019	June 2022	3.222	Khyber Pakhtunkhwa	Design Review & Supervision
23.	CONSULTANCY SERVICES TO QUID-E-AZAM SOLAR POWER (PVT) LIMITED FOR QUALITY ASSURANCE AND SUPERVISION OF O&M CONTRACTOR FOR 100 MWP SOLAR PV POWER PLANT AT BAHAWALPUR, PUNJAB	Quid-E-Azam solar power (Pvt) Limited	Sep 2021	Sep 2022	2.99	Punjab	Supervision & OM&R of the Project
24.	CONSULTANCY SERVICE FOR RENEWABLE & OTHER INITIATIVES IN ENERGY SECTOR-PILOT PROJECT OF OFF-GRID/POOR VILLAGE ELECTRIFICATION IN PUNJAB THROUGH	Quid-E-Azam solar power (Pvt) Limited	June 2021	Feb 2022	2.730	Punjab	Energy Audit, Feasibility, Design, Procurements and Supervision of the Project

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
	SOLAR POWER PACKAGE-1 (TOTAL 676 KW SOLAR POWER PLANT)						
25.	CONSULTANCY SERVICE FOR RENEWABLE & OTHER INITIATIVES IN ENERGY SECTOR-PILOT PROJECT OF OFF-GRID/POOR VILLAGE ELECTRIFICATION IN PUNJAB THROUGH SOLAR POWER PACKAGE-2 (TOTAL 780 KW SOLAR POWER PLANT)	Quid-E-Azam solar power (Pvt) Limited	July 2021	Feb 2022	2.450	Punjab	Energy Audit, Feasibility, Design, Procurements and Supervision of the Project
26.	CONSULTANCY SERVICE FOR RENEWABLE & OTHER INITIATIVES IN ENERGY SECTOR-PILOT PROJECT OF OFF-GRID/POOR VILLAGE ELECTRIFICATION IN PUNJAB THROUGH SOLAR POWER PACKAGE-3 (TOTAL 565 KW SOLAR POWER PLANT)	Quid-E-Azam solar power (Pvt) Limited	June 2021	Jan 2022	2.730	Punjab	Energy Audit, Feasibility, Design, Procurements and Supervision of the Project
27.	SHORT TERM CONSULTANCY FOR HIRING OF CONTRACTOR FOR EXECUTION OF PROJECT UNDER ADP SCHEMES, PART-1	Quid-E-Azam solar power (Pvt) Limited	Aug 2021	Dec 2021	2.696	Punjab	Energy Audit, Feasibility, Design, ProcurementsS
28.	SHORT TERM CONSULTANCY FOR HIRING OF CONTRACTOR FOR EXECUTION OF PROJECT UNDER ADP SCHEMES, PART-2	Quid-E-Azam solar power (Pvt) Limited	Aug 2021	Dec 2021	2.696	Punjab	Energy Audit, Feasibility, Design, Procurements
29.	SHORT TERM CONSULTANCY FOR SURVEY, FEASIBILITY AND PREPARATION OF PC-I FOR 1. SOLARIZATION OF 100 HIGHER SECONDARY SCHOOLS 2. SOLARIZATION OF DIFFERENTLY ABLED	Energy Department Punjab	April 2021	Sep 2021	1.875	Punjab	Energy Audit, Feasibility, Design, Procurements

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
	CHILDREN 3. SOLARIZATION OF 35 TEHSILS HEAD QUARTER AND 100 RURAL HEALTH CENTERS						
30.	SHORT TERM CONSULTANCY FOR PILOT PROJECT "INSTALLATION OF ENERGY SAFETY AND SAVING EQUIPMENT (ESS) IN PUNJAB	PEECA	Aug 2021	Dec 2021	2.855	Punjab	Energy Audit, Feasibility, Design, Procurements
31.	SHORT TERM CONSULTANCY FOR THE PROJECT "SOLARIZATION OF INSTITUTES"	PEECA	June 2021	Dec 2021	2.27	Punjab	Energy Audit, Feasibility, Design, Procurements
32.	SHORT TERM CONSULTANCY FOR THE PROJECT "SOLARIZATION OF PROJECTS"	PEECA	Aug 2021	Dec 2021	2.800	Punjab	Energy Audit, Feasibility, Design, Procurements
33.	CONSULTANCY SERVICES FOR THE PROJECT "SOLARIZATION OF PUBLIC INSTITUTES"	Punjab energy efficiency and conservation Agency	Jan 2021	June 2021	1.800	Punjab	Energy Audit, Feasibility, Design, Procurements
34.	CONSULTANCY SERVICES FOR SOLAR BASED WATER SUPPLY SCHEMES UNDER THE PROJECT SOLARIZATION OF 400 NO'S OF SCHEMES BOTH EXISTING AND NEW WATER SUPPLY SCHEMES, GRAVITY SCHEMES AND HIGH HEAD SCHEMES IN KHYBER PAKHTUNKHWA ADP 284/150206 SOUTH REGION KP	PHED KP	March 2016	March 2018	26.512	Khyber Pakhtunkhwa	Design and Supervision of the Project

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
35.	CONSULTANCY SERVICES FOR DESIGN/REVIEW, PROCUREMENT AND SUPERVISION OF PROJECT "SOLARIZATION OF WATER SUPPLY SCHEME IN PHE FATA DIVISION KOHAT" PACKAGE 1 & 2	PHED FATA	Feb 2018	March 2019	8.460	Merged District of Khyber Pakhtunkhwa	Design review, Supervision of the Project
36.	CONSULTANCY SERVICES FOR DESIGN/REVIEW, PROCUREMENT AND SUPERVISION OF PROJECT "SOLARIZATION OF WATER SUPPLY SCHEME IN PHE FATA DIVISION PESHAWAR" PACKAGE 3	PHED FATA	Feb 2018	March 2019	8.350	Merged District of Khyber Pakhtunkhwa	Design review, Supervision of the Project
37.	CONSULTANCY SERVICES FOR SOLAR STREET LIGHTS AND SOLARIZATION OF DRINKING WATER SUPPLY IN SOUTHERN TRIBAL DISTRICTS KHYBER PAKHTUNKHWA UNDER THE SCHEME NAMEDLY "PROVISION OF MUNICIPAL SERVICES AND CIVIC AMENITIES IN MAJOR TOWN OF SOUTH TRIBAL DISTRICT" ADP NO. 891 (2018-19)	Local Government & Rural Development Khyber Pakhtunkhwa	July 2019	June 2020	4.363	Merged District of Khyber Pakhtunkhwa	Energy Audit, Feasibility, Design & Supervision
LIST/SUMMARY GENERAL WATER SUPPLY (WASH) PROJECTS							
38.	CONSULTANCY SERVICES FOR THE PROJECT "FEASIBILITY, ELECTRIFICATION AND DESIGN OF WASTE WATER TREATMENT PLANT IN SELECTED DISTRICTS OF KHYBER PAKHTUNKHWA ADP No. 160/170637 (2018-19) DISTRICT MARDAN & CHARSADDA	PHED KP	April 2019	Aug 2019	8.500	Mardan & Charsadda Khyber Pakhtunkhwa	Feasibility & Design

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
39.	CONSULTANY SERVICES FOR THE PROJECT "FEASIBILITY ELECTRIFICATION AND DESIGN OF WASTE WATER TREATMENT PLANT IN SELECTED DISTRICTS OF KHYBER PAKHTUNKHWA ADP No. 160/170637 (2018-19) DISTRICT D.I KHAN	PHED KP	May 2019	Aug 2019	5.840	D.I. Khan Khyber Pakhtunkhwa	Feasibility & Design
40.	HIRING OF CONSULTANT FOR THE PROJECT "FEASIBILITY STUDY, DETAILED DESIGN AND CONSTRUCTION SUPERVISION OF POTABLE WATER SUPPLY SCHEMES THROUGH REVERSE OSMOSIS TO KARAK CITY UNDER THE PROJECT TITLED F/S" ADP NO.197/160555 (2016-17)	PHED KP	July 2017	May 2018	4.904	Karak Khyber Pakhtunkhwa	Details Design and Supervision of the Project
41.	CONSTRUCTION OF GREATER DRINKING WATER SUPPLY SCHEME SHALMAN TO LANDI KOTAL BASED ON RIVER KABUL AND OTHER WATER SOURCES IN THE VACINITY (PUMPING/GRAVITY BASED)" AIP 2019-20 DW024 (MERGED AREAS)	Northern Tribal District	March 2020	Nov 2021	22.732	Merged district Khyber Pakhtunkhwa	Feasibility Study, Design, PC-1
42.	CONSULTANCY SERVICES FOR ENVIROMENTAL IMPACT ASSESSMENT UNDER THE PROJECT OF SANATRY LANDFILL SITE FOR THE MUNICIPAL SOLID WASTE IN MINGORA CITY	WSSC Mingora	Jan 2020	June 2020	0.800	Swat Khyber Pakhtunkhwa	EIA Study of the Project
43.	CONSULTANCY SERVICES FOR ENVIROMENTAL IMPACT ASSESSMENT UNDER THE PROJECT "FEASIBILITY PLANNING AND DESIGN OF WASTE WATER TREATMENT PLANT IN SELECTED DISTRICTS OF KHYBER PAKHTUNKHWA	PHED D.I.KHAN	Feb 2021	June 2021	0.745	D,I, khan Khyber Pakhtunkhwa	EIA Study of the Project

Sr. No	Name of Project	Client	Date		Contract cost (Rs Million)	Location	Project Description/Scope
			Start	Completion			
44.	CONSULTANCY SERVICES FOR RESIDENT SUPERVISION OF DEVELOPMENT OF INFRASTRUCTURE MOHMAND MARBLE CITY	KPEZDMC	Aug 2022	Ongoing	17.979	Merged district Khyber Pakhtunkhwa	Resident Supervision of the Project
45.	"FEASIBILITY STUDY TO REHABILITATE STPS CONSTRUCTED UNDER SUDP / ADP IN DIVISIONAL HEADQUARTERS IN PESHAWAR, KOHAT AND BANNU (ADP: 2176/180536 FY: 2020-21)" FOR WATER AND SANITATION SERVICES PESHAWAR	WSSC Peshawar	March 2021	Ongoing	20.035	Peshawar Khyber Pakhtunkhwa	Feasibility Study, Details Design & PC-1
46.	CONSULTANCY SERVICES PLANNING, ELECTRIFICATION DESIGNING AND CONSTRUCTION SUPERVISION OF SANITARY LANDFILL SITE FOR THE MUNICIPAL SOLID WASTE IN MINGORA CITY	WSSC Mingora	April 2019	Ongoing	8.141		Details Design and Supervision of the Project

2.3 TAX RETURN CERTIFICATES (LAST 03 YEARS)

The Tax Return Certificates of last 03 years in this section are listed in the following sequence:

1. JULY-2022 TO JUNE-2023
2. JULY-2021 TO JUNE-2022
3. JULY-2020 TO JUNE-2021

**ACKNOWLEDGEMENT SLIP****114(1) (Return of Income filed voluntarily for complete year)**

Name: ULTIMATE ENGINEERING CONSULTANTS
Address: House No. 487, Street No. 16, Sector E-2,
 Phase 1,, Hayatabad,, Peshawar Peshawar
Contact No: 00923005863871

Registration No 4681097
Tax Year : 2023
Period : 01-Jul-2022 - 30-Jun-2023
Medium :
Due Date : 30-Sep-2023

**Document Date** 16-Aug-2023

Description	Code	Amount
Tax Chargeable	9200	1,448,338
Taxable Income	9100	6,196,839
Total Income	9000	6,196,839

This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C) of sections 2 and 181A.

**ACKNOWLEDGEMENT SLIP****114(1) (Return of Income filed voluntarily for complete year)**

Name: ULTIMATE ENGINEERING CONSULTANTS
Address: House No. 487, Street No. 16, Sector E-2,
 Phase 1,, Hayatabad,, Peshawar Peshawar
Contact No: 00923005863871

Registration No 4881097
Tax Year : 2022
Period : 01-Jul-2021 - 30-Jun-2022
Medium : Online
Due Date : 15-Dec-2022

Description	Code	Amount
Tax Chargeable	9200	43,318
Taxable Income	9100	918,160
Total Income	9000	918,160

This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C) of sections 2 and 181A.

S #	Name of Staff	Area of expertise	Position	Permanent/ Proposed staffs	Qualification	Experience
1.	Engr. Zeeshan Najam Khan	Solar System Design, Supervision, Solar System Expert, Preparing Documents (PC-1, Bidding, Specifications) and Installation Expert	Team Leader / Project Manager	Permanent	PH.D. Electrical Engineering	23 Years
2.	Engr Muhammad Asim Khan	Procurement and contracts	Contract & procurement expert	Proposed	M.S Electrical Engineer	16 Years
3.	Engr. Tariq Zaman	Solar System Design, Supervision, Solar System Expert and Installation	Planning, Monitoring & Evaluation Expert	Parmanent	B.Sc. Electrical & Master of Business Administration in Finance	16 years
4.	Engr. Junaid Khan	Site Supervision, report Preparation and Project Implementation	Project Engineer	Permanent	M.Sc. Electrical	6 Years
5.	Engr. Kamran Saddique	As Above	Project Engineer	Permanent	M.Sc. Electrical	07 Years
6.	Engr. Ihtisham Uddin	As Above	Project Engineer	Permanent	M.Sc. Electrical	06 Years

S #	Name of Staff	Area of expertise	Position	Permanent/ Proposed staffs	Qualification	Experience
7.	Engr. Aamir Kamran	As Above	Project Engineer	Permanent	M.Sc. Electrical	05 Years
8.	Engr. Ihsan Elahi	Site Supervision, report Preparation and Project Implementation	Project Engineer	Permanent	M.Sc. Electrical	10 Years
9.	Engr. Attiq ullah Hassan	As Above	Project Engineer	Permanent	M.Sc. Electrical	07 Years
10.	Engr. Rizwan Kamal	As Above	Project Engineer	Permanent	M.Sc. Electrical	07 Years
11.	Mr. Farman Ullah Jan	Feld works of solar PV system	Site inspector / Sub Engineer (Solar)	Permanent	DAE Electrical	07 Years
12.	Mr. Elashi Bakhsh	As above	Site inspector / Sub Engineer	Permanent	DAE Electrical	07 Years

S #	Name of Staff	Area of expertise	Position	Permanent/ Proposed staffs	Qualification	Experience
			(Solar)			
13.	Sharhyar Khan	As above	Site inspector / Sub Engineer (Solar)	Proposed	DAE Electrical	5 Years
14.	Fasih ul Hassan	As above	Site inspector / Sub Engineer (Solar)	Permanent	DAE Electrical	12 Years
15.	Uzar Usman	As above	Site inspector / Sub Engineer (Solar)	Proposed	DAE Electrical	08 Years
16.	Mr. Misbah Uddin	As above	Site inspector / Sub Engineer (Solar)	Proposed	DAE Electrical	06 Years
17.	Mr. Saleh Nizam	As above	Site inspector / Sub Engineer (Solar)	Proposed	DAE Electrical	07 Years
18.	M. Ibrahim	As above	Site inspector / Sub Engineer (Solar)	Proposed	DAE Electrical	06 Years
19.	Umair Khan	Office Assistant	Accountant	Permanent	BA	06 Years
20.	Tahir Kham	Office Assistant	Accountant	Permanent	BBA	18 Years
21.	Ramzan	Computer system	Computer operater)	Permanent	BS Computer science	06 Years
22.	Khalid Khan	Office boy	Office boy	Permanent	Metric	
23.	Sultan Khan	Office boy	Office boy	Permanent		

S #	Name of Staff	Area of expertise	Position	Permanent/ Proposed staffs	Qualification	Experience
24.	Haji Gul	Driver	Driver	Permanent		
25.	Farhan	Driver	Driver	Permanent		
26.	Sajjid Khan	Chowkidar	Chowkidar	Permanent		
27.	Hussain Khan	Chowkidar	Chowkidar	Permanent		

4 PROFESSIONAL CERTIFICATE AND COMPUTER HARDWARE
**DETAILS OF EQUIPMENT'S
ULTIMATE ENGINEERING CONSULTANTS**

S.No	Name of equipments	Models	Serial No	Quantity
Project Equipments/Software				
1.	WaterGem			
2.	EPANET			
3.	Fluidit Water			
4.	Road Eng			
5.	Softree			
6.	Total station			
7.	Theodolite			2
8.	Computer desktop			2
9.	Laptop			15
10.	Color Printer/ Photo copier			03
11.	PV Sys/Helioscope / Sketch Up or any software			01
12.	PV Analyzer			02
13.	Irradiance Meter			02
14.	Digital Multi/Clamp Meter			05
15.	Thickness Gauge			04
16.	IR Temperature Gun/ Temperature gun			05
17.	Oscilloscope			03
18.	Compass 02 in number			05
19.	Digital Tachometer			02
20.	Digital lux Meter			01
21.	Battery Tester and Analyzer			03
22.	Digital Anemometer			01
23.	Ground/Insulation resistance Tester			02
24.	GPS Meter			04
25.	Galvanization Meter			03
26.	Earth resistance			02
27.	Shadow Analyzer			01
28.	LED Light Bulb Tester (Power+ Power Factor+ Ampere+ Voltage)			01
29.	No. of Vehicles			04

PROJECT TOOLS AND EQUIPMENTS

FUNCTIONS:

- Irradiance On PV Module
- Temperature of PV Module
- Ambient Temperature
- Measured The angle Of PV
- Ground continuity
- Insulation resistance
- Short circuit current
- Open circuit voltage
- Data logger with USB download



FUNCTIONS:

- Measure AC voltage, AC Current, Frequency, Active Power, Reactive power, Apparent Power, Power Factor and Phase Factor, we can use it both for 3-phase 3 wire and 3-phase 4 wire system



FUNCTIONS:

- Oscilloscopes are used to observe the change of an electrical signal over time. The observed waveform can be analyzed for such properties as amplitude, frequency, rise time, time interval, distortion and others



FUNCTIONS:

- Measure AC/DC Voltage & AC/DC Current, Capacitance, Resistance, Short Circuit, Frequency etc.



FUNCTIONS:

- Measure flow of clean fluids from Outside a Pipe



FUNCTIONS:

- Accurately measure water level & Obtain measurements in seconds



FUNCTIONS:

- Ultrasonic Thickness Gauge tester measure thickness from 1.2MM to 220MM



FUNCTIONS:

- Measure Elevation difference between two levels
- Can take coordinates of concerned Place/Site to access them later on with Google map

