

Career Highlights:

- **Project Management** trained project management professional coupled with engineering background. Work planning (scheduling, budgeting & analytics) & integration of complex programs. Command on planning tools including Primavera P6 (Oracle), Detail directed problem solver with a result oriented aptitude and ownership for work.
- **Procurement Management** prepared, evaluated, selected, and creation of formal contractual agreements conforming to the Public Procurement rules i-e PEC, PPRA & KPRA.
- **Monitoring & Evaluation** with sound understanding of M&E framework, being involved in M&E of various projects including hydropower, solar and social projects with Public, Private and donor agencies (USAID, ADB), also covered specialized evaluation including capacity building programs and Mid/Final Evaluations. Experienced as external evaluator.
- **Assessments** including on hand experience in assessment of trainings given to the government and private sector employees on project management
- **Team Management:** Recruited, developed, trained, motivated and lead diverse, multicultural and geographically spread and remote teams. Facilitating team players with a focus to create synergic approach to organization objectives. Experience with both small and large teams.
- **Coordination** ability, competency, focus on planning and executing multiple projects & activities, actions & plans simultaneously
- **Drafting** progress and research reports, literature reviews, case studies and proposals
- **Donor Coordination** on common thematic reform agenda shared planning experience with donor coordination committees at different platforms
- **Training**, design, delivery, planning and evaluation experience in Public and Private Sector

TECHNICAL OUTPUTS (Selected):

Consultancy Services for "Solarization of Masajid in District Swat and 440 Masajid in District Peshawar" (ADP 661/190601) 2019-20

- Drafted feasibility Study (PC-II)
- Drafted PC-I for the Project
- Defined objectives of the project
- Designed monitoring mechanism to ensure effective monitoring throughout the project execution stage
- Tested electrical components i-e PV Modules, Inverters, Battery Bank, etc.
- Product approvals in compliance to "Specification & Standards of GoKP"
- Assessed the energy generation, financial saving and socio-economic impact to the community
- Developed training program for end users, local community for O&M
- Validation of DLI's (*Disbursement Linked Indicators*) under ADB result based lending (RBL) program (*Solar*)
- Validation of PEDO Results (i) baseline data verification (ii) indicators in the program Design and Monitoring Framework (DMF) and DLI
- Strategic plan for Validation and Evaluation
- Designed data assessment mechanism
- Validated Baseline for program action plan (PAP)
- Validated EA Results for PAP
- Developed training program for the Solar Valuers (*field teams*)
- Physical verification (30% Sites) of completion, functionality & quality
- Qualitative interviews with key beneficiaries (Students, Faculty, Community)
- Questionnaire design and analysis
- Validation of sustainability of quality service
- Valuated socio-economic and environmental provisions according to PAP
- Drafted independent verification agency report for disbursement from ADB

End term/ Final evaluation of overall Project under Municipal Services Program, Khyber Pakhtunkhwa (USAID FUNDED)

- To determine the extent to which the MSPKP has achieved its outcome level results against all packages as approved PILs carried out during 2012-2021
- To assess the effectiveness of the rehabilitation and capacity building of WSSP
- To assess the sustainability of the rehabilitated system, institutional structure and cost recovery (operational and maintenance)
- Evaluation of overall efficiency/ effectiveness/ sustainability of USAID Funding in improving Municipal Services under MSPKP
- The efficiency of the MSPKP project in term of how resource/ inputs (funds, time, etc.) have been translated into results economically; The extent to which the project's immediate objectives were achieved in the given timeframe, also taking into account management arrangements put in place supporting the achievement of results; The likelihood that the results of the projects are durable and can be maintained by WSSP after completion of USAID assistance in the shape of MSPKP
- The degree to which the community-engagement component has achieved the desired sustainable mechanism(s) objectives for community engagement
- How and to what extent did the rehabilitation and construction of water supply system improved the access of people to improved drinking water

	<ul style="list-style-type: none"> • To what extent did the provision of waste management vehicle helped the disposal of solid waste introduced by MSPKP between 2013 and 2015/ and now in 2020. • How do the outputs and outcomes in MSPKP program contribute to gender equality?
Eastern Engineering Consultants	<ul style="list-style-type: none"> • Established the consultancy office in Peshawar • Developed business strategies • Developed organizational policy • Designed and deployed M&E MIS in order to generate quality reports and to streamline the ongoing projects
PEDO	<ul style="list-style-type: none"> • Initiated project management culture in the organization • Designed modular capacity building program for projects teams • Deployed Project management concepts • Deployed Oracle Primavera P6 through trainings • Designed M&E MIS for hydropower projects • Designed and deployed M&E MIS for ADB – Access to clean energy program

EXPERIENCE:

Organization:

Eastern Engineering Consultants

Designation:

Director Operations

Tenure:

Sep 2018 – Till Date

Responsibilities:

Developed high quality business strategies and plans ensuring their alignment with short term and long term objectives, lead and motivate subordinates to advance employee engagement to develop a high performing managerial team, oversee all operation and business activities to ensure they produce the desired results and are consistent with the overall strategy and mission, made high-quality investing decisions to advance the business and increase profits, enforce adherence to legal guidelines and in-house policies to maintain the company's legality and business ethics, review financial and non-financial reports to devise solutions or improvements, build trust relations with key partners and stakeholders and act as a point of contact for important shareholders, analyze problematic situations and occurrences and provide solutions to ensure company survival and growth, maintain a deep knowledge of the markets and industry of the company, provide inspired leadership company-wide, make high-level decisions about policy and strategy, develop and implement operational policies and a strategic plan, act as the primary spokesperson for the company, develop the company's culture and overall company vision, help with recruiting new staff members when necessary, create an environment that promotes great performance and positive morale, oversee the company's fiscal activity, including budgeting, reporting, and auditing, assure all legal and regulatory documents are filed and monitor compliance with laws and regulations, work with the executive board to determine values and mission, and plan for short and long-term goals, identify and address problems and opportunities for the company, build alliances and partnerships with other organizations, oversee the day-to-day operation of the company

PROJECTS (Project Highlights & JD's in Annexure)

1. **Team Leader**
Consultancy Services for "1MW On Grid Solar System for University of Education Multan Campus Buildings at UE Multan Campus"
Feb 2023 – In Progress
University of Education, Lahore
2. **Project Manager**
Consultancy Services for "Solarization of Masajid in District Swat and 440 Masajid in District Peshawar" (ADP 661/ 190601) 2019-20
Dec 2020 – Dec 2022
Pakhtunkhwa Energy Development Organization (PEDO)
3. **Team Leader**
Consultancy Services for "Solarization of University of Education, Township Campus Lahore"
Jun 2022 – Dec 2022
University of Education, Lahore
4. **Team Leader**
Independent Verification Agent/ Agency for "Solarization of 8000 Schools and 187 Basic Health Facilities" under Access to Clean Energy Program by Asian Development Bank (ADB)
Jul 2021 – Dec 2023
Pakhtunkhwa Energy Development Organization (PEDO)
5. **Deputy Team Leader**
End term/ Final evaluation of overall Project under Municipal Services Program, Khyber Pakhtunkhwa (USAID FUNDED)
Jul 2021 – Nov 2021
PMU Municipal Services Program & USAID
6. **Project Manager**
Consultancy Services for "Survey and Feasibility Study for Solarization of Public Institutes, Punjab"
May 2021 – Dec 2021

Punjab Energy Efficiency and Conservation Agency (PEECA)

- 7. Project Manager**
Procurement Consultancy for Solarization of Public Institute under PGDP Program
July 2021 – Dec 2021
Punjab Energy Efficiency and Conservation Agency (PEECA)
- 8. Project Manager**
Procurement Consultancy for Solarization of Selected Schemes
Sep 2021 – Dec 2021
PMU Energy Department, Lahore
- 9. Project Manager**
Consultancy for Solar Electrification of Fauji Foundation Hospital, Peshawar
Dec 2019 – Feb 2020
Fauji Foundation Peshawar
- 10. Project Manager**
Consultancy for Solar Electrification of Al Khidmat Hospitals, Lahore and Peshawar
Sep 2018 – Dec 2018
Al Khidmat Foundation
- 11. Project Manager**
Solar Consultancy for Electrification of City University, Peshawar
Apr 2020 – July 2020
City University Peshawar

Organization: **Pakhtunkhwa Energy Development Organization – PEDO**
Designation: Project Coordinator
Tenure: Dec 2016 – Aug 2018
Highlights: Responsible of initiating project management culture in the organization, Designed modular capacity building program for projects team on project management concepts and tools including Oracle Primavera P6 through trainings, review work plans of various on ground projects, design and deployment of monitoring, evaluation and report MIS after doing analysis on organization, design and deployment of monitoring, evaluation and reporting MIS for ADB access to clean energy program for transparent monitoring of the program, assist in development for new and ongoing projects, coordinating performance monitoring of miscellaneous energy development projects, coordinate and monitor the status of transmission lines of ongoing projects, maintaining the archives of all the ongoing projects

Organization: **Brick by Brick Contractors**
Designation: Assistant Project Manager
Tenure: Jun 2016 – Nov 2016
Highlights: Prepare and update project schedule based on the contract, prepare critical activities based on the project schedule and advice project management, analysis of unit prices, material consumption, actual units, man-hours, cost control, prepare and submit updated work programs and cash flow curve showing actual progress, monitor day to day work progress and prepare the weekly and monthly programs and reports, prepare monthly report reflecting work progress summary, prepare comparison between plan and actual progress

Organization: **M.A Aleem Khan & Sons Pvt. Ltd - MAAKSONS**
Designation: Project Coordinator/Electrical Engineer
Tenure: Jun 2015 – May 2016
Highlights: Maintaining and monitoring project plans, project schedules, work hours, budgets and expenditures, organizing, attending and participating in stakeholder meetings, documenting and following up on important actions and decisions from meetings, preparing necessary presentations materials for meetings, ensuring project deadlines are met, chair and facilitate meetings where appropriate and distribute minutes to all project team members, create a project management calendar for fulfilling each goal and objective

Organization: **Green Hydro Energy - GHE**
Designation: Junior Engineer (Electrical)
Tenure: Jan 2015 – May 2015
Highlights: Installation, testing and commissioning of three phase control panels and electronic load control, installation and control of circuit breakers, wiring termination of control panel and three phase motor, preparation of daily reports, short circuit analysis, low voltage electrical installation, maintenance control protection and metering equipment's, trouble shooting of circuit breaker and motor

ACADEMICS

Degree Name **MS PROJECT MANAGEMENT (GOLD MEDALIST)**
Institute Bahria University Islamabad – 2015 – 2016
Majors Project Cost & Finance, Project Planning & Scheduling, Project Procurement & Contract Management, Project HR & Communication, Project Risk Management, Project Quality Management, Project Monitoring, Evaluation & Control Management, Innovation & Technology, Primavera P6

Degree Name	BE ELECTRICAL ENGINEERING
Institute	Sarhad University Peshawar - 2010 -2014
Specialization	Power Engineering
Majors	Power System Analysis, Power Electronics, Renewable Energy Systems, Electrical Power Transmission, Fundamentals of High Voltage, Power System Protection, Industrial Electronics

TRAININGS EXPERIENCES

PAKISTAN ENGINEERING COUNCIL	Employers hire on Attitude than any other Skills
PAKISTAN ENGINEERING COUNCIL	Industrial Wastewater Treatment & Recycling Technologies
PAKISTAN ENGINEERING COUNCIL	Introduction to Industry 4.0 Technologies
PAKISTAN ENGINEERING COUNCIL	Planning & Design of Micro Hydropower Plant
PAKISTAN ENGINEERING COUNCIL	Integration of Solar Thermal Air Conditioning
PAKISTAN ENGINEERING COUNCIL	Technologies for Intelligent Buildings: Potential, Design & Development, Challenges in Pakistan
PAKISTAN ENGINEERING COUNCIL	Open Channel Design for Hydropower and Irrigation
PAKISTAN ENGINEERING COUNCIL	Risk Assessment and Management
PAKISTAN ENGINEERING COUNCIL	Time and Stress Management: Find your Balance
PAKISTAN ENGINEERING COUNCIL	Public Policy: Concept, Issues, & Challenges-Engineer's Perspective
PAKISTAN ENGINEERING COUNCIL	Chemical Management System
PAKISTAN ENGINEERING COUNCIL	Emergency Training and Exercising
AGILE TECHNICAL EDUCATION	Practical Power System Scheme Design and Simulation (40Hrs Training)
WFD	Project Planning tools
SCHUITEMA	Leadership in Project Management
AF-MERCADOS EMI	The Mini Hydro Feasibility Workshop
AF-MERCADOS EMI	The Procurement Workshop
AF-MERCADOS EMI	The Mini Hydro Workshop
AF-MERCADOS EMI	The Solar Workshop
CDA	Disaster Management

SKILLS

Languages	English, Urdu, Pashto, Persian (Farsi / Dari), Punjabi and some other local languages
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Computer	Utility	Relevant Software Skills
Documentation		MS Word, MS Excel, Adobe
Project Management		MS Project, Primavera
Graphics & Visualization		AUTOCAD
Presentations		Power point, 280 Slides
Technical		MATLAB, SIMULINK, PROTEUS, EWB
Interests	To meet and read people, Traveling, Spreading smiles, making a difference	

PROJECT HIGHLIGHTS & DETAILED JD's

Project:	Consultancy Services for "Solarization of Masajid in District Swat and 440 Masajid in District Peshawar" (ADP 661/ 190601) 2019-20
Client:	Pakhtunkhwa Energy Development Organization (PEDO)
Duration:	Dec 2020 – Dec 2022
Highlights:	Government of Khyber Pakhtunkhwa primary objective is the provision of economically viable, technically feasible, cost efficient and environmental friendly electricity supply. Rs. 870 Million the estimated and approved cost of the project. This project will provide electricity supply to 1591 Masajid in un-electrified or poorly electrified areas of District Swat and Peshawar with a total generation capacity of 4.34MW, annual energy saving of 8316MWh and financial impact of 208Million/Annum @ 25Rs/ KWh. This scheme will provide clean, convenient and un-interrupted energy to the community during the prayer timings and religious gatherings.
Position:	Project Manager
Responsibilities:	Lead the project with a team of 16 Engineers for Energy Audit, Design, installation supervision and defect liability period (DLP). This project is comprises of three phases, first to design the core project on the basis of requirements from the client and drafted feasibility study report on the basis of survey by the engineers, developed technical reports related to PV system design, technical details and specifications, engineering drawings and technical sanction estimates. It also includes the contractor's bidding documentation such as pre-qualification tender documentation, bid evaluation and contract agreement. Developed detailed mechanism for execution of the project. Second, the supervision phase - planned, guided, inspected (pre/post supply) and tested the equipment. Developed mechanism for quality assurance as per standards. Prepared and presented progress reports and presentations to the client, verified contractors interim payment certificates (IPCs) as per government rules. Drafted PC-III and PC-IV and handing over taking over certificates. Third, the post completion phase - handled the legalities of project completion, financial audits (external & Accountant General KP), periodic visits to the sites, developed awareness user manual and trainings for the end users and local community for operation and maintenance of solar power plants after completion of DLP.
Project:	Consultancy Services for "Solarization of University of Education, Township Campus Lahore"
Client:	University of Education, Lahore
Duration:	Jun 2022 – Dec 2022
Position:	Team Leader
Responsibilities:	Lead the project beginning with the collection the requirements from university management, conducted electric load study of the Science and Technology Block (recommended building by the management), drafted inception report, supervise and analysis the survey data, designed the system of 100KW on HelioScope Simulation Software, generated the reports (Design, Shade Analysis, Annual Production etc), Presented the project in university committee meeting. Produced construction Drawings (PV Layout, Inverter Positioning, Structure design, Cabling Layout, AC/DC Earthing Layout), Detailed Engineer Cost Estimates, Bill of Quantities (BOQ) and Bidding Documents. Pre and Post supply inspection, system testing. Drafted completion report.
Project:	Independent Verification Agent/ Agency for "Solarization of 8000 Schools and 187 Basic Health Facilities" under Access to Clean Energy Program by Asian Development Bank (ADB)
Client:	Pakhtunkhwa Energy Development Organization (PEDO)
Duration:	Jul 2021 – Dec 2023
Highlights:	Government of KP taken initiative in providing renewable energy solutions to off grid or poorly electrified schools and basic health units at all districts across Khyber Pakhtunkhwa. The government of KP is focused in improving the electrical infrastructure of the schools and BHU's by induction of renewable power. This program includes installation of solar plants in 8000 schools and 187 BHU's (ranging from 900W to 27KW) across 25 districts of KP. ADB through its result based lending (RBL) program modality has approved financing of the program. Under the RBL program the solar plants will generate 15MW and will provide electricity to around 01 million students. Independent verification agent/ agency will provide independent results verification of the targets achieved, completion of DLI's linked to the program.
Position:	Team Leader
Responsibilities:	Represented the firm in all the contract-related matters, such as contractual, personnel, scheduling, and technical performance issues, with PEDO, ADB and other institutions. Assessed the impact, validated the baseline and Executing Agency (EA) results agreed in the Disbursement Linked Indicators (DLI) framework and Design and Monitoring Framework (DMF). Valuated the performance, environmental impact, social adaptation and gender indicators compliance in the program action plan (PAP). Developed a training program for the field survey teams (Environmental, social, gender, M&E and Solar Valuers), supervised the field survey team for assessment of project impact (operational & performance standards). Validated all the indicators and drafted a report for disbursement from ADB. The complete project is divided into 04 phases by the client, phase 01, 02 and 03 are successfully completed and work order for fourth phase is pending.

Project:	End term/ Final evaluation of overall Project under Municipal Services Program, Khyber Pakhtunkhwa (USAID FUNDED)
Client:	PMU Municipal Services Program & USAID
Duration:	Jul 2021 – Nov 2021
Highlights:	USAID Pakistan signed a 05 years agreement with the government of Khyber Pakhtunkhwa Planning and Development Department. The agreement had a focus on the establishment and improvement of essential municipal services through various projects to improve infrastructure and operational systems, and involve close collaboration with the citizens, in targeted towns of Khyber Pakhtunkhwa. This agreement provided the foundation for the MSPKP.
Position:	Deputy Team Leader
Responsibilities:	Meeting with pre determination of requirements with all the stakeholders (MSPKP, UPU, WSSP, WSSCs DI Khan & Mingora, TMA Dir Upper). Provided assistance in the project implementation plan and development of survey tools for the collection of data from the beneficiaries. Supervised the field teams in the targeted towns, necessary arrangements and approvals from the authorities. Reviewed the documentation, interviewed the respondents (FGDs & KIIs). Assistance to the team leader in the evaluation of information collected and analyzing the statistical data and drafting evaluation report.
Project:	Consultancy Services for “Survey and Feasibility Study for Solarization of Public Institutes, Punjab”
Client:	Punjab Energy Efficiency and Conservation Agency (PEECA)
Duration:	May 2021 – Dec 2021
Position:	Project Manager
Responsibilities:	Lead the project for the survey and feasibility study of the public institutes such as Darbars, District Jails, Shelter Homes, & Dar ul Amans, Model Children Home, Public Colleges and Sport Facilities. Developed the survey tool, briefed the survey teams to gather all the technical information and use of survey tool for drafting the feasibility study. Drafted the feasibility study and presented it to the department.
Project:	Procurement Consultancy for Solarization of Public Institute under PGDP Program
Client:	Punjab Energy Efficiency and Conservation Agency (PEECA)
Duration:	July 2021 – Dec 2021
Position:	Project Manager
Responsibilities:	Involved in the procurement process from start to end, including drafting of advertisement (NIT), term of reference (TORs), and bidding documents in line with PPRA Rules 2014. Issued bidding documents, responded to the bidders queries. Evaluated the technical and financial bids, drafted the evaluation report. Also prepared the third party validation documents for hiring consultancy after the completion of project. Responded to the grievances of bidders and after successful completion of evaluation, contract award to the successful bidder.
Project:	Procurement Consultancy for Solarization of Selected Schemes
Client:	PMU Energy Department, Lahore
Duration:	Sep 2021 – Dec 2021
Position:	Project Manager
Responsibilities:	Lead the project for survey of 100 Higher Secondary Schools, Schools for differently abled children, 35 THQ, 100 RHC and installation of B.E.S.S and procurement. Finalized the placement of PV Modules on site. Drafted advertisement (NIT), term of reference (TORs), and bidding documents in line with PPRA Rules 2014. Issued bidding documents, responded to the bidders queries. Evaluated the technical and financial bids, drafted the evaluation report. Also prepared the third party validation documents for hiring consultancy after the completion of project. Responded to the grievances of bidders and after successful completion of evaluation, drafted contract agreement and contract award to the successful bidder.
Project:	Consultancy for “Solar Electrification of Fauji Foundation Hospital, Peshawar”
Client:	Fauji Foundation Peshawar
Duration:	Dec 2019 – Feb 2020
Position:	Project Manager
Responsibilities:	Collected the requirements from management, conducted electric load study of the hospital, drafted inception report, supervise and analysis the survey data, designed the system on HelioScope Simulation Software, generated the reports (Design, Shade Analysis, Annual Production etc), Presented the project in meeting. Produced construction Drawings (PV Layout, Inverter Positioning, Structure design, Cabling Layout, AC/DC Earthing Layout), Detailed Engineer Cost Estimates, Bill of Quantities (BOQ) and Bidding Documents. Pre and Post supply inspection, system testing.
Project:	Consultancy for “Solar Electrification of Al Khidmat Hospitals, Lahore and Peshawar”
Client:	Al Khidmat Foundation
Duration:	Sep 2018 – Dec 2018
Position:	Project Manager
Responsibilities:	Collected the requirements from management, conducted electric load study of the hospitals, drafted inception report, supervise and analysis the survey data, designed the system on HelioScope Simulation Software, generated the reports (Design, Shade Analysis, Annual Production etc), Presented the project in meeting. Produced construction Drawings (PV Layout, Inverter Positioning, Structure design, Cabling Layout, AC/DC Earthing Layout), Detailed Engineer Cost Estimates, Bill of Quantities (BOQ) and Bidding Documents. Pre and Post supply inspection, system testing.

Project: **Solar Consultancy for Electrification of City University, Peshawar**
Client: **City University, Peshawar**
Duration **Apr 2020 – Jul 2020**
Position: **Project Manager**
Responsibilities: Lead the project beginning with the collection the requirements from university management, conducted electric load study, drafted inception report, supervise and analysis the survey data, designed the system of on HelioScope Simulation Software, generated the reports (Design, Shade Analysis, Annual Production etc), Presented the project in university committee meeting. Produced construction Drawings (PV Layout, Inverter Positioning, Structure design, Cabling Layout, AC/DC Earthing Layout), Detailed Engineer Cost Estimates, Bill of Quantities (BOQ) and Bidding Documents. Pre and Post supply inspection, system testing.