

CURRICULUM VITAE (CV)

Position Title and No.	Techno Legal Expert / Procurement / Contract Specialist
Name of Expert:	Rashid Majid
Date of Birth:	10 th November, 1953
Country of Citizenship/Residence	Pakistani

Education:

Masters Construction Engineering / Contract Law **Jul 2010 - Aug 2011**
University of California, USA

BSc Civil Engineering **Jan 2004 – Dec 2008**
University of Engineering & Technology

BA, Public Administration **Sep 2001 - Dec 2003**
University of Punjab

Employment record relevant to the assignment:

Period	Employing organization and your title/position. Contact information for references	Summary of activities performed relevant to the Assignment
Jan, 2014 – Present	Employing Organization 8.2 Renewable Energy Experts. Title/Position Chief Executive Officer	<ul style="list-style-type: none"> • Project Implementation • Contract Negotiation Expert • Techno-Legal Consultant • Public Procurement • Construction Supervision • Feasibility Study, • Technical Concept, • PC1, • RFP, • Evaluations of bids, • Design check, • Supervision
2011-2013	Employing Organization Faisalabad Development Authority Title/Position Project Director / Chief Engineer	<ul style="list-style-type: none"> • Project Management, • Planning and procurement, • selection of EPC, • Quality assurance and contract management
2010-2011	Employing Organization WASA Faisalabad Title/Position Deputy Managing Director	<ul style="list-style-type: none"> • Topographic survey, • hydrological analysis and design of storm water channels of city

2009-2010	<p>Employing Organization Faisalabad Development Authority</p> <p>Title/Position Chief Engineer</p>	<ul style="list-style-type: none"> • Planning land acquisition and farmers mobilizations to surrender lands
2005-2008	<p>Employing Organization Faisalabad Development Authority</p> <p>Title/Position Project Director</p>	<ul style="list-style-type: none"> • Public Sector procurement, EPC selectin Pre-shipment inspection, • Factory acceptance testing • Procurement Supervision
1991-2005	<p>Employing Organization Faisalabad Development Authority</p> <p>Title/Position Director Engineer</p>	<ul style="list-style-type: none"> • Planning and supervision of construction activities • Contract Negotiations

1980-1990	<p>Employing Organization Faisalabad Development Authority</p> <p>Title/Position Deputy Director</p>	<ul style="list-style-type: none"> • Community mobilization and coordination • Public Procurement as per PPRA Rules
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Membership in Professional Associations and Publications:

- ✓ Member Pakistan Solar association,
- ✓ American Concrete institute,
- ✓ Pakistan Engineering Congress
- ✓ Lahore Chamber of Commerce and Industry (LCCI)

Language Skills (indicate only languages in which you can work): English, Urdu

Adequacy for the Assignment:

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
D-3	<p>1. Name of assignment or project: Technical Services as Owner's Engineer for Solar Power Project at Vinder, Uthal and Bela. Year: Dec, 2020 Location: Vinder, Uthal and Bela, Pakistan Client: K Electric Positions held: Techno Legal Expert / Procurement / Contract Specialist Main project features:</p> <ul style="list-style-type: none"> • Review of Site Assessment and Team Supervision • Review of Solar Resource Assessment • Review of Technical Concept Preparation • Energy Yield Assessment • Economic Analysis • Technical due diligence

2. **Name of assignment or project:** Energy Solution using Indigenous Resources in Villages for 24/7

Year: March, 2017-2021

Location: Punjab, Pakistan

Client: Energy Department, Government of Punjab

Positions held: Techno Legal Expert / Procurement / Contract

Specialist Main project features:

- Financial Model
- Procurement Supervision as per PPRA Rules
- Certify Payments to contractors
- Assist Client in Preparation and Enforcement of DSI&C Contracts
- Approval of Risk Management Plane
- Review and Approval of O&M Manual
- Construction Supervision
- Design Review
- Preparation of O&M Contract
- Approval of Procurement and Subsequent Payments Against Goods
- Project Development Support
- Project Execution
- Economic and Market Analysis
- Project Management
- Project Supervision (Electrical, Mechanical, Civil Work Supervision)
- Project Design Review
- EPC Selection
- O&M Supervision

3. **Name of assignment or Project:** Owner's Engineer for Solar Systems at Basic Health Units in Punjab, Pakistan

Year: May,2016-Nov,2017

Location: Punjab, Pakistan

Client: Energy Department, Govt. of Punjab

Positions held: Techno Legal Expert / Procurement / Contract

Specialist Main project features:

- Feasibility study
- Preparation of bidding documents for the EPC and O&M contractor
- Evaluation of bids Certify Payments to contractors
- Design Review
- Project Execution
- Assist Client in Preparation and Enforcement of DSI&C Contracts
- Procurement Supervision as per PPRA Rules
- Approval of Risk Management Plane
- Review and Approval of O&M Manual
- Construction Supervision
- Preparation of O&M Contract
- Review of technical design
- Supervision and acceptance of prototype installation
- Supervision of construction of all 80 systems
- Supervision of the operation and maintenance provided by the contractor

4. Khadam-e-Punjab Ujala Program

Year: June, 2017-April,2019

Location: South Punjab, Pakistan

Positions held: Techno Legal Expert / Procurement / Contract Specialist

Client: Energy Department, Government of Punjab

Main project features:

- Feasibility Study,
- Survey of 20.000 Schools,
- Certify Payments to contractors
- Assist Client in Preparation and Enforcement of DSI&C Contracts
- Preparation of O&M Contract
- Construction Supervision
- Financial Analysis,
- PC 1 Support,
- Design Review
- PQD document,
- Project Execution
- Approval of Risk Management Plane
- Procurement Supervision as per PPRA Rules
- Review and Approval of O&M Manual
- Technical evaluation of PQD,
- Employers Requirements,
- RFP support,
- Technical Evaluation of RFP,
- Project management support.
- Contract Negotiation
- Award of Contract
- Pre-shipment testing
- Third party validation

5. Name of assignment or Project: Ujala Project (Solarization of 10,861 Schools in South Punjab in the capacity of Employers Representative)

-20% of Schools being Off-Grid.

Year: June 2017- Nov 2019

Location: Bahawalpur, Pakistan

Client: Energy Department, Govt. of Punjab

Positions held: Techno Legal Expert / Procurement / Contract Specialist

Main project features:

- To carry out physical inspection of 10,861 Installed Solar Systems in Schools (Off-Grid as well as On-Grid)
- EPC Construction Supervision
- Third Party Validation
- Design Review
- Design Vetting EPC Contractor
- Invoice Verification of EPC Contractor as per Agreed Milestones
- Quality Control & Quality Assurance
- Project Execution
- Construction Supervision
- HSE Compliance on Sites
- Procurement Supervision as per PPRA Rules

6. Name of (International) assignment or project: Lender's Engineer for EDB

Project Status: Completed

Positions held: Techno Legal Expert / Procurement / Contract Specialist

Activities performed:

- Lender's Engineer for EDB
- Contract Negotiations
- Techno-Legal Consultancy

7. Name of assignment or project: Lender's Technical Advisor, 100 MW Quaid-e-Azam Solar Power Plant, Bahawalpur

Project Status: Completed

Positions held: Techno Legal Expert / Procurement / Contract Specialist

Activities performed:

- Offer Preparation and Client Interaction
- Execution of Project
- Drafting of Feasibility Study of the QA Solar Park
- Drafting and Amending Employer's Requirements for EPC Bidding
- EPC and O&M Contract Negotiations
- Procurement Supervision as per PPRA Rules
- Construction Supervision
- Review of Plant Design
- Coordination of Component Testing
- Confirmation and check of EPC Contractor's Quality Control procedures & implementation
- Verification of status of incoming materials and equipment
- Monitoring of EPC Contractor's material handling and condition of lay-down area and storage / warehouse
- Monitoring and supervision of construction works
- Visual inspection: Confirmation of workmanship and condition of materials, assembly
- Attending of witness inspections
- Confirmation of compliance with applicable standards
- Confirmation of compliance of work and materials with EPC Contract, construction and assembly drawings
- Checking and documenting progress against construction schedule
- Reporting of defects and deficiencies, witness rectification
- Reporting of deviations of/delays from construction schedule
 - Implementation and use of a deficiency reporting system.
- Reporting of discovered defects and deficiencies in writing.
- Maintaining data base of all deficiencies.
- Following up on rectifications as and when required during construction phase.
- Preparation of punch-list at completion of construction (carry-over of deficiencies into warranty period).

- Final Plant Inspection after its commissioning
- Review of Monitoring System
- Supervision of O&M Activities
- Review of Key Performance Indicators
- Award of Excellence presented by the Prime Minister of Pakistan

8. Name of assignment or project: Lender's Technical Advisor, 18 MW Harappa Solar Power Plant, Harappa

Project Status: Completed

Positions held: Techno Legal Expert / Procurement / Contract Specialist

Activities performed:

- Offer Preparation and Client Interaction
- Review of Feasibility Study of the Power Plant
- Execution of Project
- Review of Design
- Construction Supervision
- Review of Employer's Requirements for EPC Bidding
- Review of off-shore and on-shore EPC and O&M agreements
- Review of Plant Design
- Due Diligence of the EPC and O&M Contractor
- Coordination of Component Testing
- Confirmation and check of EPC Contractor's Quality Control procedures & implementation
- Verification of status of incoming materials and equipment
- Monitoring of EPC Contractor's material handling and condition of lay-down area and storage / warehouse
- Monitoring and supervision of construction works
- Visual inspection: Confirmation of workmanship and condition of materials, assembly
- Attending of witness inspections
- Confirmation of compliance with applicable standards
- Confirmation of compliance of work and materials with EPC Contract, construction and assembly drawings
- Checking and documenting progress against construction schedule
- Reporting of defects and deficiencies, witness rectification
- Reporting of deviations of/delays from construction schedule
- Implementation and use of a deficiency reporting system.
- Reporting of discovered defects and deficiencies in writing.
- Maintaining data base of all deficiencies.
- Following up on rectifications as and when required during construction phase.
- Preparation of punch-list at completion of construction (carry-over of deficiencies into warranty period).
 - Final Plant Inspection after its commissioning
 - Review of Monitoring System
 - Supervision of O&M Activities

- Review of Key Performance Indicators
- Assisting the bank / lender in all technical and financial aspects
- Representing the project company at various Government bodies (CPPA(G), AEDB, NTDC)

9. Name of assignment or project: Lender's Technical Advisor, 12 MW AJ Power Solar Power Plant, Khushab

Project Cost: USD 13 Million

Project Status: Completed

Position held: Techno Legal Expert / Procurement / Contract

Specialist

Activities performed:

- Offer Preparation and Client Interaction
- Feasibility Study of the Power Plant
- Drafting of Employer's Requirements for EPC Bidding
- Review of off-shore and on-shore EPC and O&M agreements
- Review of Plant Design
- Due Diligence of the EPC and O&M Contractor
- EPC and O&M Contract Negotiations
- Helping the Project Company in finalization of the Energy Purchase Agreement
- Coordination of Component Testing
- Confirmation and check of EPC Contractor's Quality Control procedures & implementation
- Verification of status of incoming materials and equipment
- Monitoring of EPC Contractor's material handling and condition of lay-down area and storage / warehouse
- Monitoring and supervision of construction works
- Visual inspection: Confirmation of workmanship and condition of materials, assembly
- Attending of witness inspections
- Confirmation of compliance with applicable standards
- Confirmation of compliance of work and materials with EPC Contract, construction and assembly drawings
- Checking and documenting progress against construction schedule
- Reporting of defects and deficiencies, witness rectification
- Reporting of deviations of/delays from construction schedule
- Implementation and use of a deficiency reporting system.
- Reporting of discovered defects and deficiencies in writing.
- Maintaining data base of all deficiencies.
- Following up on rectifications as and when required during construction phase.
- Preparation of punch-list at completion of construction (carry-over of deficiencies into warranty period).
- Final Plant Inspection after its commissioning
- Review of Monitoring System
- Supervision of O&M Activities
- Review of Key Performance Indicators

- Assisting the bank / lender in all technical and financial aspects
- Representing the project company at various Government bodies (CPPA(G), AEDB, NTDC)

10. Name of assignment or project: Technical Consultant, 50 MW Oursun Solar Power Plant, Gharo

Project Cost: USD 50 Million

Project Status: Completed

Position held: Techno Legal Expert / Procurement / Contract Specialist

Activities performed:

- Offer Preparation and Client Interaction
- Review of Feasibility Study of the Power Plant
- Review of Employer's Requirements for EPC Bidding
- Review of off-shore and on-shore EPC and O&M agreements
- Review of Plant Design
- Due Diligence of the EPC and O&M Contractor
- Coordination of Component Testing
- Confirmation and check of EPC Contractor's Quality Control procedures & implementation
- Verification of status of incoming materials and equipment
- Monitoring of EPC Contractor's material handling and condition of lay-down area and storage / warehouse
- Monitoring and supervision of construction works
- Visual inspection: Confirmation of workmanship and condition of materials, assembly
- Attending of witness inspections
- Confirmation of compliance with applicable standards
- Confirmation of compliance of work and materials with EPC Contract, construction and assembly drawings
- Checking and documenting progress against construction schedule
- Reporting of defects and deficiencies, witness rectification
- Reporting of deviations of/delays from construction schedule
- Implementation and use of a deficiency reporting system.
- Reporting of discovered defects and deficiencies in writing.
- Maintaining data base of all deficiencies.
- Following up on rectifications as and when required during construction phase.
- Preparation of punch-list at completion of construction (carry-over of deficiencies into warranty period).
- Final Plant Inspection after its commissioning
- Review of Monitoring System
- Supervision of O&M Activities
- Review of Key Performance Indicators
- Assisting the bank / lender in all technical and financial

aspects

11. Name of assignment or project: Technical Consultant, 50 MW Gharo Solar Power Plant, Gharo

Project Cost: USD 50 Million

Project Status: Ongoing

Position held: Techno Legal Expert / Procurement / Contract Specialist

Activities performed:

- Offer Preparation and Client Interaction
- Review of Feasibility Study of the Power Plant
- Review of Employer's Requirements for EPC Bidding
- Review of off-shore and on-shore EPC and O&M agreements
- Review of Plant Design
- Due Diligence of the EPC and O&M Contractor
- Coordination of Component Testing
- Confirmation and check of EPC Contractor's Quality Control procedures & implementation
- Verification of status of incoming materials and equipment
- Monitoring of EPC Contractor's material handling and condition of lay-down area and storage / warehouse
- Monitoring and supervision of construction works
- Visual inspection: Confirmation of workmanship and condition of materials, assembly
- Attending of witness inspections
- Confirmation of compliance with applicable standards
- Confirmation of compliance of work and materials with EPC Contract, construction and assembly drawings
- Checking and documenting progress against construction schedule
- Reporting of defects and deficiencies, witness rectification
- Reporting of deviations of/delays from construction schedule
- Implementation and use of a deficiency reporting system.
- Reporting of discovered defects and deficiencies in writing.
- Maintaining data base of all deficiencies.
- Following up on rectifications as and when required during construction phase.
- Preparation of punch-list at completion of construction (carry-over of deficiencies into warranty period).
- Final Plant Inspection after its commissioning
- Review of Monitoring System
- Supervision of O&M Activities
- Review of Key Performance Indicators
- Assisting the bank / lender in all technical and financial aspects

Experts contact information: (rashid.majid@8p2.de phone03336516665)

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the

assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Procuring Agency/Government.

: Rashid Majid

July 7th 2021

Name of Expert

Signature

Date

:Rashid Majid

July 7th 2021

Name of authorized
Representative of the Consultant

Signature

Date