

MUHAMMAD FAZAIL KHAN

Contact: 0092-3445743498 ~ E-Mail: khan.fazail@yahoo.com ~



Sr. PROJECT ELECTRICAL ENGINEER

Seeking senior level assignments as Sr. Electrical Engineer (Projects Supervision) in Mega Projects, Energy, Construction and Power sector with an organization of high repute

SYNOPSIS

- ✓ Offering **15 years** of rich experience in field of Electrical Engineering, Design Review, Project Management and Construction Management.
- ✓ Proven expertise in design review, estimation, execution of EHV, HV & LV Power Distribution System of Industrial and Commercial Establishments including design of MV & LV Power networks, Indoor/ Outdoor Lighting, Data Cabling, Low current systems, Telephone System of Airports, high rise buildings, Industrial, infrastructures & Parks.
- ✓ A strategic planner with expertise in installation, commissioning & maintenance of various electrical machines & equipments.
- ✓ Extensive experience in handling various activities related to administration, man management, policy implementation and facilities management across assignments.
- ✓ Skilful in attending the progress meetings and monitoring the all electrical activities and preparing the project progress reports for the submission of higher management at different intervals.
- ✓ An effective communicator with excellent relationship management skills; strong analytical, leadership, decision making, problem solving & organizational abilities.

CORE COMPETENCIES

*Project Management
Engineering & Development
Operations & Maintenance*

*Design Review & Designing
Testing & Commissioning
Construction Management*

*Quality Assurance
Planning & Execution
Team Management*

Work Experience

April' 2017 to July 2020: TAISEI Corporation (Tokyo Japan based) as Sr. Project Engineer (E&M) for the construction of weather forecasting Radar tower (18 storey) in Pakistan Meteorological Department, Islamabad

Responsibilities:

- ✓ Supervision/ Project management for the Erection & Testing/commissioning of Electrical Distribution network & mechanical works for Radar tower and weather forecasting equipment including Low Voltage Power cables, AVR, Transformers, Generators, ATS Panels, LV Panels, Alarm system, Fire alarm, telephone, Air conditioning, Ventilation & water distribution networks.
- ✓ Managing the subcontractor for procurement, drawings, Progress monitoring, meetings to ensure the execution of work as per project schedule and planning.
- ✓ Preparation of ITP and Factory acceptance Tests for manufactured equipment and site testing & commissioning.
- ✓ Coordinate with Power Distribution Company (IESCO) and client for utility power, telephone & water networks installation, ensure for energization and preparation of Operation & Maintenance manuals & project handover documents.

Aug' 2012- Nov-2016: MARAFIQ Water & Power Utility Co. for Jubail & Yanbu, at Yanbu KSA as Project Electrical Engineer (Design Review & Construction Supervision), Sponsored by Dar AL Riyadh Consultants

Responsibilities:

- ✓ Design review and evaluating sub contractor's electrical shop drawings, site plans / layouts, transformers and panel load calculations, single line diagrams, as-built drawings, quality assurance procedures, materials submittals, tie-in procedures, electrical utility profiles, project schedules, operations & maintenance (O&M) manuals and approves and/or coordinates approval of same
- ✓ Supervision/ Project management for the Erection & Testing/commissioning of MV 13.8KV/400 network (10M Watt) from HV Substation to customer use Low Voltage, Power cables, Unit Substations/Transformers, double circuit RMUs for Marafiq Projects. Progress monitoring and meetings with contractor to ensure the execution of work as per project schedule and planning.
- ✓ Ensuring, administering and handling all the site inspections and approvals for the Medium / low voltage electrical distribution including cables, joints & termination at RMU and package substations, MV and LV concrete encased duct banks, manholes/ hand holes with electrical accessories like earthing rods, hanger rails, cable pulling eyelet as per electrical codes / standards, approved drawings and project specifications.

- ✓ Overseeing, reviewing and approving of:
 - Inspection & Test Plan (ITP) for medium voltage (MV cables, RMU & package substations) system.
 - Progress monitoring and Cost proposals and applications for payment submitted by the Contractor for electrical work. Verifies that electrical items submitted for invoice billing or Work Estimates are justified.
- ✓ Ensure, witnessing & approval of all MV equipments factory acceptance tests for medium voltage cables, package substations (transformers), Ring Main Units and LV distribution panels & site witnessing of medium voltage (20KV) cables and Unit Substations/transformers 13.8KV/400/230V including all standard tests and make the system ready to energize.
- ✓ Examining street lighting network lighting poles, foundations, distributions panels and cables installation with termination and testing.
- ✓ Conduct initial acceptance inspections & assure the system energization activities and project handover process.

July' 2009 – July' 2012: Saudi ABV General Contracting Co. Ltd., KSA as Site Electrical Engineer

Responsibilities:

Royal Commission Project "Yanbu University College Women Campus"

- ✓ Project execution by Leading a team of 40 (Staff+ Site manpower) and successfully completed and testing & commissioning of Electrical works including MV/LV systems and Low current & Telecom systems.
 - ✓ Created shop drawings & material submittals and discussed with Royal Commission Consultant and rectified the comments for approval. Generated panel schedules and load calculations, approvals & assure the termination / inspection
 - ✓ Looked after day-to-day inspection & checking of all the systems installations like cables, Equipment, Lighting, Power, BMS, Fire Alarm, Public Address, Telephone, Clock and Data Systems.
 - ✓ Responsible for daily office work, material follow-ups and involved in project meetings / preparation of payment certificates for executed quantities.
 - ✓ Handled installation Concrete encased duct banks for telecom and electrical systems.
 - ✓ Accountable for installation and testing of:
 - Medium Voltage (15KV) Cables and distribution Transformers (13.8KV/400/230V) including all standard tests.
 - BMS/ Fire Alarm Systems, Overloaded Relays / Contactors, Breakers for: HVAC control from BMS, Setting of temperature, timing, on/off status from Programming and Fan Control Panels, Variable Frequency Drive (VFD), Air Handling Units (AHU), Flow Switches, Damper Switches, Duct Smoke Detectors manually & by program and coordinated with Water Pumps Motors.
 - CCTV, Public address and Telecommunication system.
- Monitored complete energization of the electrical, Low current & other telecommunication systems, rectified system faults and evaluated the root causes to avoid the faults in future.

21 Storey Hotel Plot No. 178 Central Area Medina Munawarah

- ✓ Successfully carried out installation & testing commissioning of Electrical network as per approved drawings & Specifications. Leading a team of 30 (Staff+ Site manpower).
 - ✓ 2000KVA Dry Type Transformers & RMU.2000A & 3000A Bus Way/Riser and Power Distribution to each Floor through TAP OFF.
 - ✓ Main Power Cables from Transformers to Main Distribution Panels through Cable Trays and Riser Cables to Roof Equipments through Electrical shaft.
 - ✓ Power Supply to Mechanical Equipment's Disconnect Switches such as Fire Fighting Pump, Lifting Water Pump, Submersible Pumps, Boilers, Air Handling Unit, Chillers and Motor Control Centres.
 - ✓ Electrical Conduits, Boxes, Wiring and Distribution Boards with termination.
 - ✓ Low Current Devices and Cables including Fire Alarm, Telephone, Sound Systems with Termination and testing & commissioning.
 - ✓ Daily office work material follow up, manpower management, preparation of material requests and clearance of Payment Certificates for executed quantities.

Oct' 2007 – Apr' 2009: AL SAAD (National Builders) General Contracting Co. Ltd., KSA as Electrical Engineer

Construction of Jeddah Cable Factory at RABIGH KSA.

Responsibilities:

- ✓ Developed shop drawings/ layouts, Single line diagrams & material submittals; discussed them with Consultant and rectified the comments for obtaining approval.
- ✓ Maintained coordination with supplier and procurement section to manage materials & issue material requests.
- ✓ Installation of Electrical and telecommunication duct banks, manholes/ hand holes, Direct buried medium voltage cables & transformers installation / termination as per approved drawings & specifications.
- ✓ Handled arrangement for testing of MV cables and transformers and ready for energization
- ✓ Installation of street lighting poles, LV cables, panels.
- ✓ Spearheaded daily office work, material follow-ups and involved in project meetings / preparation of payment certificates for executed quantities.

Projects Handled:

- ✓ **132/11KV Substation Maple Leaf Cement Factory Mianwali, Pakistan**
 - Scope of project: Design, supply, installation, testing & commissioning of complete two transformer bays substation
- ✓ **132/11 kV Substation for Sitara Chemical Industries Faisalabad, Pakistan**
 - Scope of project: Design, supply, installation, testing & commissioning of complete one transformer bay substation.

Core Activities:

- ✓ Involved in project execution/management, procurement for different substation equipment including power transformer, current transformers, circuit breakers, surge arresters, cables, relays & control panels within the area of responsibility.
- ✓ Provide assistance for all drawings & documentation follow up from internal departments / vendors / customer.
- ✓ Provide assistance to obtained drawing approval from clients/consultant, reply and clarifications for different technical comments and coordinate with project site personnel for all issues.
- ✓ Plan and record the flow of data during project execution through DTS (Document Transmittal Summary).
- ✓ Conducted site visits for on-going project activities, progress of work and reporting.
- ✓ Maintained coordination with site engineer at testing & commissioning stage.
- ✓ Developed proposals for different government and private substations; took quotation from different suppliers and prepared technical & financial comparison statement & material cost calculations.
- ✓ Involved in testing of 132KV Protection/relays & control panels at project commission stage.

REGISTRATIONS

- ✓ Registered Engineer under:
 - Pakistan Engineering Council with Reg. No. ELECT/21718
 - Saudi Council of Engineers with Reg. No. 104712

INTERNSHIPS / SEMINARS

- ✓ Undergone:
 - 8-Weeks practical training at various power departments of Siemens Pakistan Engineering Co. Ltd.
 - Participation seminars on Power System Protection conducted by Siemens Germany Experts and Special Lectures on Energy Crisis and Alternate Sources of Energy. Attended special seminars arranged by Schneider, ABB, SIEMENS for Electrical Systems/ Products
 - Training on ALC BMS Control System at Women University Project Yanbu Royal Commission arranged by Modern Controls, Jeddah.

EDUCATION

- ✓ **BE / B.Sc. in Electrical Engineering** from University of Engineering & Technology (UET) Lahore, Pakistan in 2006.

IT SKILL: Well versed with Computer Applications/ Internet Applications, MS Office and AutoCAD (Electrical)

PERSONAL DETAILS

Date of Birth: 1st January, 1983
Nationality: Pakistani (AJK)
Driving License: Valid Saudi Driving License
Languages Known: English, Urdu and Arabic
Address: Islamabad, Pakistan

**Refer Annexure for Project Details*

ANNEXURE

PROJECTS HANDLED

Client: Pakistan Meteorological Department, Islamabad
Project: -Construction of Weather forecasting Radar Tower funded and constructed by Japan Government (JICA)
Project Value: PKR. 3 Billion.
Responsibilities: Design Review, Execute & managing the subcontractor for Electrical & mechanical works.
Duration: 2- Years+ 1 year test and maintenance period.

Client: MARAFIQ Water & Power Utility Co. for Jubail & Yanbu KSA
Projects: -Construction of MV & LV Power Distribution network (10MVA) and Infrastructure utility Works for HOP Marafiq Project. 298 Residential colony.
-MV & LV Power Distribution network and infrastructure for Royal Commission Boys University Yanbu KSA.
Project Value: SAR. 398 Million.
Tools Used: AutoCAD, Microsoft office
Responsibilities: Design Review, Supervise & manage (consultant) for all Electrical MV & LV Power Distribution network.
Location: Yanbu/KSA
Duration: 3+1 Years
Team Size: 5 Engineer + 2 staff (Consultancy)

Client: Royal Commission
Project: Construction Royal Commission Yanbu Women's University
Project Value: SAR. 160 Million.
Tools Used: AutoCAD, Microsoft office
Responsibilities: Fully responsible for Electrical MV/LV and Low current & Telecom works.
Location: Yanbu/KSA
Duration: 2 years
Team Size: 6 Engineers + 4 Staff+ site workers

Client: Al Mohaisan Central Area Madinah
Platform: 21 storeys Hotel, Plot No. 178 Madinah Munawarah.
Project Value: SAR. 46 Million.
Tools Used: AutoCAD, Microsoft office
Responsibilities: Fully responsible for all Electrical/ Low current works
Location: Madina / KSA
Duration: 1 year
Team Size: 5 Engineers + 3 Staff+ site workers

Client: Jeddah Cable Factory Rabigh
Project: Construction of Infrastructure & Landscaping work for Jeddah cable factory
Project Value: SAR. 220 Million
Tools Used: AutoCAD, Microsoft office
Responsibilities: Fully responsible for Medium and Low Voltage Electrical works
Location: Rabigh/KSA
Duration: 1.8 years
Team Size: 4 Engineers + 1 Staff+ site workers

Client: Sitara Chemical industries+ Maple Leaf cement Factory Pakistan
Project: Design, supply, installation, Testing & Commissioning of 2 Transformer Bays, 132/11 KV substations.
Tools Used: AutoCAD, Microsoft office
Responsibilities: Assistant Engineer for project execution+ bidding/estimation
Location: Siemens Lahore/Pakistan
Duration: 1.8 years
Team Size: 4 Engineers + 2 Staff+ site workers

Serial No.

15955

BOARD OF Degree Before Convocation

Registration No.

2002-ELECT-266

University of Engineering & Technology
Lahore



This is to certify that

Mr./Ms. Muhammad Fazail Khan
son/daughter of Mr. Muhammad Hayat Khan
has completed all the requirements for the award of B.Sc.
Degree in Electrical Engineering
in May, 2006



He/She has accordingly been admitted to the Degree of
Bachelor of Science
in
Electrical Engineering

He/She has been placed in First Division.


Controller of Examinations


Countersigned

Lahore

Dated: 04 SEP 2006



Chancellor





TAISEI CORPORATION
ARCHITECTS, ENGINEERS, CONTRACTORS & DEVELOPERS
TOKYO JAPAN

ISLAMABAD OFFICE:

Office 'A' 5th Floor, Saudi Pak Towers,
Jinnah Avenue, Blue Area, Islamabad, Pakistan.
Tel: 051-8316620 Fax: 051-8316629

Our Ref: TC/RTP/ADM/PF/2020/020

Dated: July 31, 2020

TO WHOM IT MAY CONCERN


CERTIFIED THAT **Mr. Muhammad Fazail Khan** S/o Muhammad Hayat Khan, bearing CNIC # 82302-2571570-1 has worked with **TAISEI CORPORATION** Islamabad, on our **PMD Radar Tower Project**, Sector H-8/2, Islamabad, Pakistan from 1st April 2017 to 31st July 2020 in the capacity of **Senior Project Engineer (MEP)**

During his stay with us, he presented his excellent performance and proved him a punctual, hardworking and pro-active member of our team.

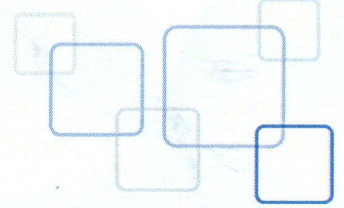
We wish him best of luck for his future life and career.

Best Regards,

On behalf of
TAISEI CORPORATION


YUJI TADENUMA
Chief Administration Manager





Date: 14 November 2016

التاريخ: 1438/02/14 هـ

To whom it may concern

إلى من يهمه الأمر

This is to certify that MUHAMMAD FAZAIL KHAN MUHAMMAD KHAN, Pakistani National Bearing Passport No: GK4105703 was employed by DAR AL RIYADH CONSULTANTS from 08/08/2012 till 06/11/2016 and his position at the time of leaving was Electrical Engineer.

نشهد بهذا أن السيد/ محمد فضائل خان محمد خان - باكستاني الجنسية - بموجب جواز رقم: (GK4105703) كان يعمل لدينا في شركة دار الرياض للاستشارات الهندسية من تاريخ 2012/08/08 حتى تاريخ 2016/11/06 بوظيفة مهندس كهربائي

This certificate has been issued to MUHAMMAD FAZAIL KHAN MUHAMMAD KHAN, upon his request Without any liability on our part.

لقد تم إصدار هذه الشهادة للسيد/ محمد فضائل خان محمد خان ، بناءً على طلبه وبدون أن يترتب علينا أية مسؤوليه قانونية.

DAR AL RIYADH CONSULTANTS

دار الرياض للاستشارات الهندسية





ABDULAZIZ AL MUQAYTIB
General Manager

عبد العزيز المقيطيب
مدير عام



SAUDI ABV GENERAL CONTRACTORS CO., LTD.



C.N. FS 32552



شركة ايه بي في السعودية مقاولون عامون المحدودة

C.R. 4030028078

سجل تجاري ٢٨٠٧٨٠٣٠٤

Ref No: SABV/PD/LE-19851 : الرقم
Date : 15/08/1433 H : التاريخ
Corr : 05/07/2012 : الموافق

CERTIFICATE OF EMPLOYMENT

شهادة خدمة

To Whom It May Concern

إلى من يهمه الأمر

We, Saudi ABV General Contractors Co Ltd certify that Mr / **Muhammad Fazail Khan** هذا تشهد شركة ايه بي في السعودية مقاولون عامون المحدودة بأن السيد / محمد فضائل خان

Emp. No : 8301020001/1736 : الرقم الوظيفي
Nationality : Pakistani : الجنسية
Iqama No : 2274735568 : رقم الإقامة
Place of Issue : Jeddah : مكان الإصدار
Date of Issue : 15/10/1432 H : تاريخ الإصدار

He has been employed by Saudi ABV Co in the position of "Site Electrical Engineer" within the period from 05/07/2009 up to 04/07/2012. قد عمل لدى شركة ايه بي في السعودية بوظيفة "مهندس تنفيذات موقع" خلال الفترة من ٢٠٠٩/٠٧/٠٥ إلى ٢٠١٢/٠٧/٠٤ م.

This certificate has been issued as per his request due to the end of his contract without any responsibility towards Company. ولقد صدرت هذه الشهادة بناء على طلب المذكور أعلاه إثر انتهاء عقده دون أدنى مسؤولية على الشركة.

SAUDI ABV GEN. CONT. CO. LTD.

شركة ايه بي في السعودية مقاولون عامون المحدودة

Mohammed Omar Al Amoudi
Human Resources Manager

محمد عمر العمودي
مدير الموارد البشرية



HEAD OFFICE
Postal Address P.O.Box : 19750
JEDDAH 21445
Telephone (02) 682-9891
Fax (02) 682-9346
C.C. Membership: 14539
Share Capital S.R. 5,000,000

المكتب الرئيسي
العنوان البريدي
ص.ب. ١٩٧٥٠
جدة ٢١٤٤٥
تليفون : ٠٢/٦٨٢-٩٨٩١
فاكس : ٠٢/٦٨٢-٩٣٤٦
رقم الغرفة : ١٤٥٣٩
رأس المال: ٥,٠٠٠,٠٠٠ ريال سعودي

Dated : 29 March 2009


TO WHOM IT MAY CONCERN

This is to certify that Mr. Mohammed Fazail (S/o of Mohd Hayat Khan), Pakistani National, having passport No. (GK-4105701) worked in our company as Electrical Engineer since 22-Sep-2007 to 22 March 2009.

We found him sincere, honest and hard working during tenure of his work.

We wish him best of luck in his future career.

Regards


Eng. Kamal Abou Fadel
Managing Director





TAISEI CORPORATION
Islamabad Meteorological Radar Tower Project

Certificate of Recognition

MUHAMMAD FAZAIL KHAN

(SENIOR MEP SITE ENGINEER)

Has been commended by **TAISEI CORPORATION**
For the Islamabad Meteorological Radar Tower Project

BEST SITE ENGINEER AWARD

Given on this date: 31st January, 2018 at Project Location, Sector H-8, Islamabad, Pakistan

**"IN RECOGNITION OF YOUR OUTSTANDING PERFORMANCE AND PRODUCTIVITY
WITH QUALITY FOR OUR PROJECT"**

Certified by:

Mr. Shoji Goto
Construction Manager
IMRTP - Taisei Corporation

Confirmed by:

Mr. Jun Oi
Project Manager
IMRTP - Taisei Corporation



Engineering Accreditation Certificate



شهادة إتمام هندسي

Membership no: 104712

الهيئة السعودية للمهندسين
SAUDI COUNCIL OF ENGINEERS

عضوية رقم: ١٠٤٧١٢

By virtue of the statute of Saudi Council of Engineers (issued under Royal Decree M/36 dated 26/09/1423H) which aims at prescribing necessary rules, regulations, and examinations for obtaining professional degrees; in accordance with its executive bylaws and regulations for professional accreditation, and after verification of the validity of the certificates, The Council has decided to award:

إستناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/36 وتاريخ 26/9/1423هـ الذي يهدف إلى وضع القواعد والامتحانات اللازمة للحصول على الدرجات المهنية وبناءً على اللائحة التنفيذية وقواعد الاعتماد المهني للمهندسين، وبعد التحقق من صحة الشهادة العلمية، فقد قررت الهيئة منح:

**MUHAMMAD FAZAIL KHAN
MUHAMMAD KHAN**

محمد فضائل خان محمد خان

Electrical Engineer Degree

درجة مهندس كهربائي

This certification is valid until: 21 Dhul Hijja 1439

هذه الشهادة صالحة الى تاريخ ٢١ ذو الحجة ١٤٣٩

الأمين العام
Secretary General



مدير الاعتماد المهني
PAC Director



Certificate



Herewith we confirm that

Mr. Muhammad Fazail Khan

(Electrical Engineer TD, Siemens)

took part in two days Seminar on Protection Systems and Substation Layout Designs.

held at RCC Center GEPCO, Gujranwala from 09.01.2007 to 10.01.2007

Course Outline:

- Introduction to protection knowledge
- Over current and Trip Circuit Supervision Relays
- Transformer Differential Protection
- Distance Protection, Synchrocheck, Auto Reclosing
- Tele protection
- Current Transformers
- Substation Layout Designs



Ali Sher Naqvi
Ali Sher Naqvi
Protection Specialist / Consultant
Siemens Pakistan

Alexander Schieffer
Alexander Schieffer
Regional Head
PTD Branch
Siemens Pakistan

Training Certificate

This is to certify that,

Mr. M. Fazail Khan

Electrical Engineer (Transmission & Distribution), Siemens Pakistan

has participated in two days *Professional Training* of:

- 1) **Siemens Transformer Differential Protection 7UT6**
- 2) **Siemens Line Differential Protection**
- 3) **Siemens Substation Automation & Technology Trends**

The above *Professional Training* was conducted on **May 10 & 11, 2006**, at **PC Hotel, Lahore**.



Ali Sher Naqvi
Siemens Pakistan



Nikolaus Mueller
Siemens Germany



Michael Zapp
Siemens Germany



Please refer to

PTD Siemens
Siemens Pakistan Engineering Co. Ltd.
2nd Floor State Life Building
P.O. Box. 293
15-A, Sir Agha Khan Road, Lahore 54000

Tel : (042) 6278758-67

Fax: (042) 6370932



OPERATIONS 360

OPERATIONS 360



It is hereby certified that

MUHAMMAD FAZAIL KHAN

Has earned 35 PDU's by successfully completing the requirement of training on

PROJECT MANAGEMENT PROFESSIONAL

Conducted by OPERATIONS360

According to the PMI Standards based on PMBOK

From 2nd – 3rd & 9th - 10th March, 2019

Trainer

Muhammad Kamran Khalid

(PMP, CSCP, Six Sigma Master Black Belt, lead auditor ISO 90001, ISO 14001 & OHSAS 18001)



Certificate Serial #

OPS360-ISB01-0319-011

OPERATIONS360



PAKISTAN

ISLAMIC REPUBLIC OF PAKISTAN

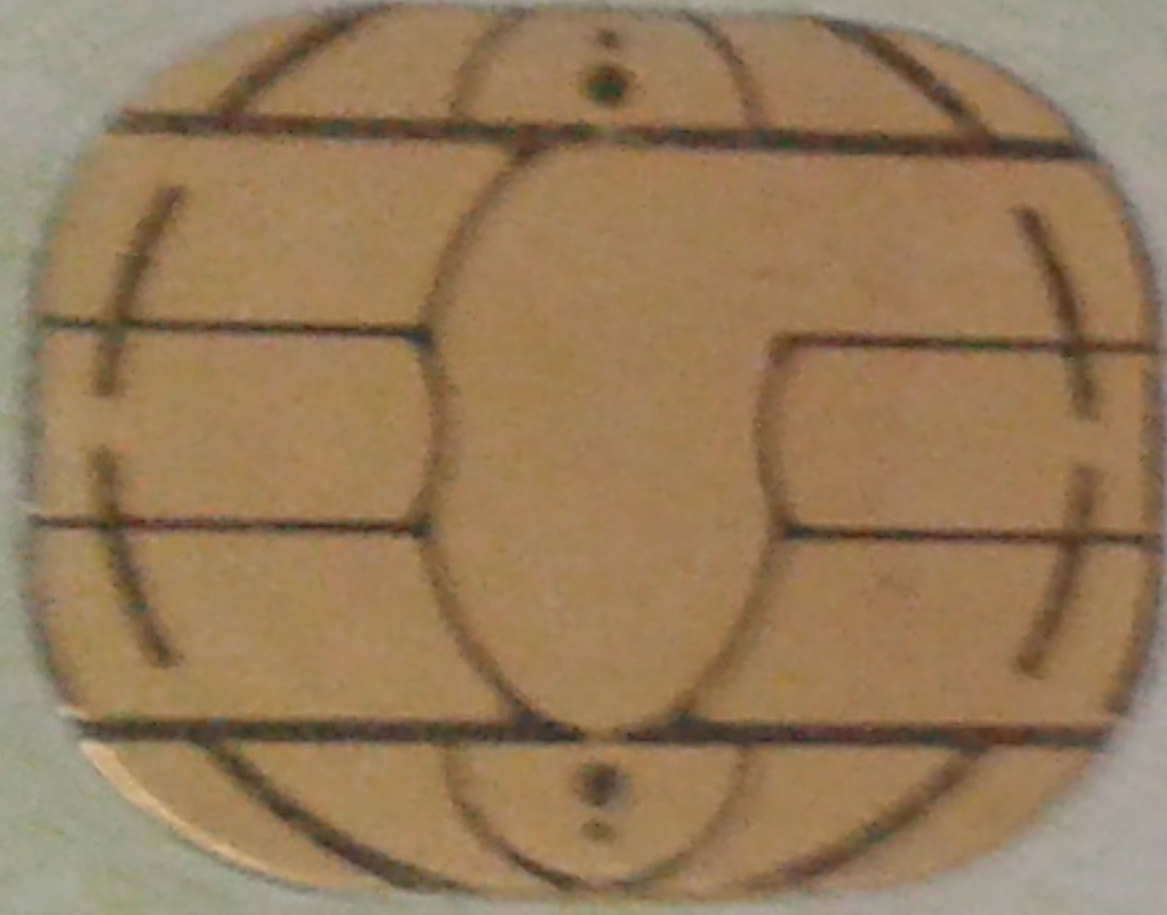
National Identity Card



Name

Muhammad Fazail Khan

محمد فضائل خان



Father Name

Muhammad Hayat Khan

محمد حیات خان



Gender

M

Country of Stay

Pakistan

Identity Number

82302-2571570-1

Date of Birth

01.01.1983

Date of Issue

05.10.2020

Date of Expiry

05.10.2030

Holder's Signature

23581

موجودہ پتہ: ڈاک خانہ، بحیرہ، پوٹھی چھپڑیاں، تحصیل، بحیرہ،

82302-2571570

ضلع پونچھ



مستقل پتہ: ڈاک خانہ، بحیرہ، پوٹھی چھپڑیاں، تحصیل، بحیرہ،

ضلع پونچھ

Usman Y. Malik

Registrar General of Pakistan

500062110082
701-83-940310

گمشدہ کارڈ ملنے پر قریبی لیٹر بکس میں ڈال دیں

