



ZAS



INFRASTRUCTURE CAPABILITY

Jers is experienced in full spectrum of Infrastructure Development works encompassing Master Planning, Detailed Design, Project Management, Pre & Post Construction, etc.

Jers involved in numerous projects throughout Pakistan with the Local Authorities / Service Providers requirement, design procedures, prevailing design standards and code of practise. Our engineering consultancy expertise is proven through successful completion of various sizes of projects since our establishment;

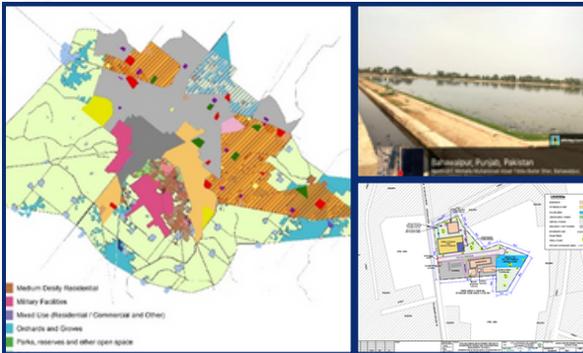
Pre-development Activities;

- Project initiation;
- Survey & Site investigation;
- Infrastructure Master Plan;
- Development Order & Building Plan Approvals; and
- Feasibility Studies

Engineering Design & Construction of Engineering Disciplines;

- Road;
- Sewerage
- Drainage;
- Water Supply;
- Waste Water Engineering;
- Geotechnical & Earthwork;
- Power Distribution Infrastructure System;
- Natural Gas/LPG Distribution Pipeline Network;
- Fire Hydrant System; and
- Road Lighting System.

INFRASTRUCTURE EXPERIENCE



Engineering Design & Construction Management (EDCM) – Phase I

under Punjab Urban Development Projects (ADB-Funded)

Cities: Sargodha, Rahim Yar Khan, Muzaffargarh, Bahawalpur, DG Khan, Multan & Rawalpindi

Scope of Services:

Planning, Feasibility Study, Detailed Engineering Design and Environmental Studies for Roads, Water Supply, Sewerage and Solid Waste Management Systems.

Urban Mobility Design and Construction Supervision (UMDS) under Punjab Intermediate Cities Improvement Investment Project (PICIIP) (ADB-Funded)

Design and Supervision Services for Water and Sanitation, Roads, Solid waste and Bus Terminals.

Cities: Sialkot & Sahiwal

Scope of Services:

Planning, Detailed Engineering Design and Construction Supervision for Roads, Flyovers, Sewerage and Solid Waste Management including GIS based Decision Support System.



Project Management & Construction Supervision (PMCS) Consultant for Developing Resilient Environments and Advancing Municipal Services in Punjab (DREAMS) under Punjab Urban Development Projects (ADB-Funded)

Cities: Sargodha, Rahim Yar Khan, Muzaffargarh, Bahawalpur, DG Khan, Multan & Rawalpindi

Scope of Services:

Project Management, Detailed Resident Construction Supervision, Quality Assurance & Quality Control, Contract Administration, Progress Monitoring & Reporting, and Technical Support Services.

Punjab Rural Sustainable Water Supply and Sanitation Project (PRSWSSP), Cluster South-II (World bank Funded)

33 Mouzas of South Punjab covering; Lodhran, Multan & Muzaffargarh Districts.

Scope of Services:

Planning, Feasibility Study, Detailed Engineering Design and Construction Supervision for Water Supply, Sanitation and Solid Waste Management.



INFRASTRUCTURE EXPERIENCE



Design of Wastewater Treatment Plant at Kattar Bund (South) Lahore, Pakistan

11 MGD (50,000m³/day) based on Tricking Filter Technology

Scope of Services:

Planning, Feasibility Study, Engineering Design, Operation & Business Model, Process Action Plan, Project Document for DSIF, PC-I Document for P&D.

Planning, Design & Construction Supervision of Sewerage, Drainage & Wastewater Treatment Plant for Gwadar City

Old Town & Dhore Ghatti areas of Gwadar City with an area of 1265 acres (512 hectares) & WWTP of 5.6 Cusecs (3 MGD) based on Sequential Batch Reactor (SBR)

Scope of Services:

Planning, Feasibility Study, Detailed Engineering Design and Construction Supervision for Sewerage, Drainage & Wastewater Treatment Plant.



Planning, Design & Construction Supervision of Sewerage, Drainage & Wastewater Treatment Plant for Gilgit City

Gilgit City with an area of 12,000 acres (4857 hectares) & WWTP of 33 Cusecs (21 MGD) based on Advance Activated Sludge Process (AASP).

Scope of Services:

Planning, Feasibility Study, Detailed Engineering Design and Construction Supervision for Sewerage, Drainage & Wastewater Treatment Plant.



Integrated Urban Water & Sanitation Master Plan for Peshawar District

67 UCs of Peshawar with 30-year planning horizon and identification/prioritization.

Scope of Services:

Review and Up-dation of Existing Integrated Urban Water and Sanitation Master Plan" for 67 UCs of Peshawar with 30-year planning horizon and identification/prioritization of projects for provision of physical infrastructure for water supply (production and treatment), sewerage, storm water drainage & waste water treatment and Solid Waste Management systems with costing.



INFRASTRUCTURE EXPERIENCE

Design of Wastewater Treatments Plants at Mohlanwal & Ferozepur Road Lahore

WWTP at Hudiara: 558 Cusec (300 MGD) / Activated Sludge Process (ASP), & WWTP at Mohlanwal: 836 Cusecs (450 MGD) / Activated Sludge Process (ASP).

Scope of Services:

Feasibility Study, Detailed Design, Tender Documents, PC-I, Capacity Building & Bid Evaluation.



Engineering Design and Construction Supervision Services (EDCS) for the Misaali Gaon (Model Village) Project Across Bahawalpur and Gujranwala Division

125 villages in two Divisions of Punjab Province covering; Bahawalpur and Gujranwala Divisions.

Scope of Services:

Planning, Feasibility Study, Detailed Engineering Design and Construction Supervision for Water Supply and Sewerage and Drainage System.



Resident Construction Supervision of Infrastructure Development Works of Zone-A1 DHA Peshawar

Resident Construction Supervision of Zone-A1.

Scope of Services:

Supervision of Construction Activities, monitored construction methods, ensured quality control, compliance with technical specifications and quality standards, reviewed and modify design documents, monthly report and checking of interim payments.



Resident Construction Supervision of School at NB Commercial Sec-B DHA Peshawar

Resident Construction Supervision of School covering total area of 87,000 sft.

Scope of Services:

Supervision of Construction Activities, monitored construction methods, ensured quality control, compliance with technical specifications and quality standards, reviewed and modify design documents, monthly report and checking of interim payments.



INFRASTRUCTURE EXPERIENCE



Resident Construction Supervision of Mini Mart at DHA Peshawar

Mini Mart is planned with ground floor + 1 floor

Scope of Services:

Supervision of Construction Activities, monitored construction methods, ensured quality control, compliance with technical specifications and quality standards, reviewed and modify design documents, monthly report and checking of interim payments.

UNICEF - GAVI EPI WAREHOUSE PROJECT at Sindh, Punjab and KPK

Warehouses of various capacity ranges are planned for construction and expansion all over the country

Scope of Services:

Structural Design, Architectural Design, Plumbing Design, Electrical Design. Tender Documents including Specifications, Drawings, BoQs & Cost Estimate.



Architectural & Engineering Design and Construction Supervision of 337 Schools in 10 Districts of North and South Region of Azad Jammu & Kashmir (Islamic Development Bank Funded)

North Zone: Neelum, Muzaffarabad, Hattian Bala, Bagh, Haveli and Poonch

South Zone: Suddhnoti, Kotti, Mirpur, Bhimber

Scope of Services:

Planning, Topographic Survey, Detailed Design, Architectural and Structural Design, GIS Database, Project Management and Detailed Resident Construction Supervision

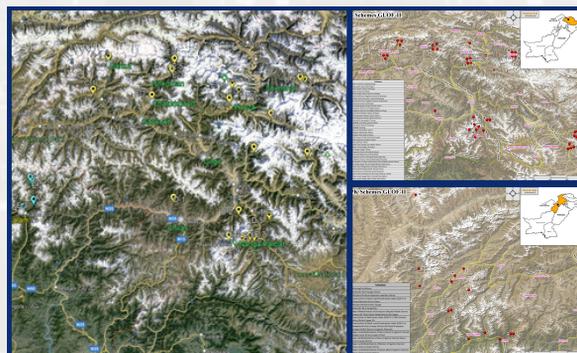


TPV of 24 Project Valleys in Gilgit and KP (UNDP Funded)

Conducted third-party monitoring and validation of selected engineering infrastructures under the GLOF-II project in the selected out of the 24 project valleys of Gilgit Baltistan and Khyber Pakhtunkhwa.

Scope of Services:

Verify GPS and locations, map on Google Earth, create KMZ, collect time-stamped photos, review bids, designs, BoQs, inspect quality and finances. Design beneficiary survey, attended client and stakeholder meetings.



INFRASTRUCTURE EXPERIENCE



Preparation of Master Plan, Engineering Design, and Environmental Management Plan for approved urban and expansion zones in North Al Batinah Coastal Plains Oman. Al-Batinah Governorate, Oman

GIS Based Landuse Master Plan, Infrastructure Sectoral Master Planning and Design and Environmental Management

Scope of Services:

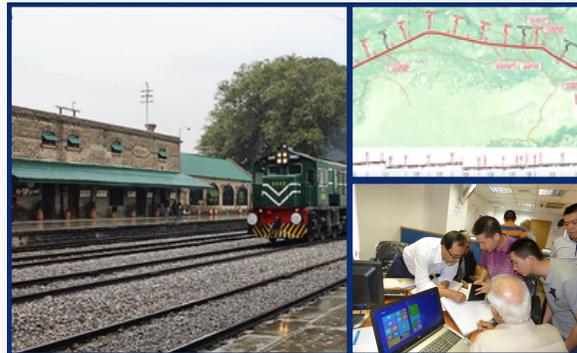
Review coastal master plan, assess strategies and urban characteristics, prepare GIS-based land use and infrastructure master plans, engineering design, identify subdivision areas, develop broad land use and parcel-level GIS maps.

Consultancy Services for Review/Vetting of Cost Estimate of Mega Railway Project for Preliminary Design of Up-gradation of Pakistan Railways Existing Main Line (ML-I) and Establishment Of Dry Port Near Havelian

Doubling and upgradation of railway track, Laying of New Track and Establishment of Dry Port near havelian.

Scope of Services:

Services include review and comparison of quantities, BOQs, and cost estimates; validation of rates, market prices, taxes, overheads, EPC design costs; and assessment of foreign contractor and railway-specific construction requirements.



Consultancy Services For Conducting Feasibility Study For New Rail Link from Gwadar To Mastung (960 Km) and Besima To Jacobabad Via Khuzdar (300 Km)

Feasibility Study of a new rail link from Gwadar to Mastung. Proposed route, about 959 km, of this new rail link comprises the route Gwadar - Turbat - Hoshab - Pangure - Besima - Surab - Kalat - Mastung.

Scope of Services:

Topographic Survey, Hydrological Study, Environmental Impact Assessment, updation of EIA report, Soil & Geotechnical Investigation, Land Acquisition Plan, Feasibility Study.

Consultancy Services for Design and Construction Supervision for Construction of Road from Sibi – Talli (25 km) and Kohlu – Rakhni (91 km)

The proposed road consisting of three (03) sections viz. i) Sibi to Talli (25 km), ii) Kohlu to Barkhan (39 km) and iii) Barkhan to Rakhni (52 km), involves the rehabilitation, improvement, widening and construction.

Scope of Services:

Planning and Detailed Engineering Design, Detailed Topographic Survey, Soil Investigations, Hydrology and Hydraulic design, Structures, Geometric and Pavement Design, EIA, Detailed Resident Supervision



INFRASTRUCTURE EXPERIENCE



Consultancy Services for Review of Proposals of Underpasses / Road over Bridges in Place of Railway Level Crossings on Lala Musa-Rawalpindi Section Excluding Kaluwal Pindora Section of ML-1

Design of 37 Level Crossings. The type of the crossings includes; 8 Flyovers, 25 Underpasses & 4 Pedestrian Bridges along the project section.

Scope of Services:

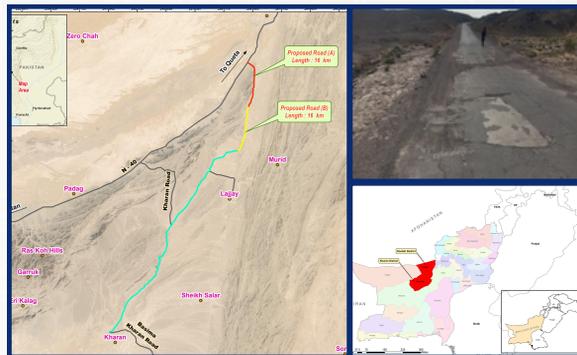
Review coastal master plan, assess strategies and urban characteristics, prepare GIS-based land use and infrastructure master plans, engineering design, identify subdivision areas, develop broad land use and parcel-level GIS maps.

Consultancy Services for Design Review and Construction Supervision for Construction of Ahmad Wall Cross to Albat Road (32 Km)

Design and supervision of 32km road from ahmad wal to Albat District Balochistan

Scope of Services:

Planning and Detailed Engineering Design, Detailed Topographic Survey, Soil Investigations, Hydrology and Hydraulic design, Structures, Geometric and Pavement Design, EIA, Detailed Resident Supervision



Consultancy Services for Design Review & Resident Supervision for Construction of B/T Road from Kingri to Dakhyan Drug Cross, District Musakhel (60 km)

Design and supervision of 32km road from ahmad wall to Albat District Balochistan

Scope of Services:

Planning and Detailed Engineering Design, Detailed Topographic Survey, Soil Investigations, Hydrology and Hydraulic design, Structures, Geometric and Pavement Design, EIA, Detailed Resident Supervision

