



RCC CONSULTANTS



INTRODUCTION

M/s RCC Consultants are the leading Consultants of Pakistan's Sindh province. The firm deals in every field of engineering whether be it Civil Engineering, Electrical Engineering or Environmental Engineering. It further deals in fields of Architecture, Town Planning and Structural Design of diverse and multi story buildings, Commercial Buildings, Residential Buildings, Office, Hospitals, Universities and Industrial Complex. The firm has already earned its fame in municipal works of water supply, sewerage, solid waste management and transportation projects. The firm has vast experience as well in fields of Surveying, Master Planning of cities, residential colonies, Industrial Estates & design of RCC roads, Bridges and Underpasses etc. The firm has planned several housing societies, Industrial estates and modern whole sale agricultural markets. Our head office is located in Hyderabad Sindh with branch offices in Sukkur, Khairpur, Jacobabad and Larkana.



MANAGING DIRECTOR

Engineer Shafi Muhammad Lakho is a Chartered Civil Engineer registered with institution of Civil Engineers UK, Fellow American Society of Civil Engineers, M. Eng in Structures from AIT Bangkok and LLB. He has bright academic career with first class first in Inter Science, position in BE (Civil) and securing 4.0 out of 4.0 in research work as part of M.Eng program at AIT Bangkok.

He has been member senate NED University Karachi and member senate MUET Jamshoro. He was bestowed with Mehran University Alumni Association (MUAA) Excellence Achievement award 2008. He stood first among English debaters in all Asian Countries Competition. Engr. S.M Lakho is also expert of Arabic language and host of Mehran TV's famous program "Faleh-Akharat". Mr. Lakho has attended about 50 International Seminars on Engineering topics.

Presently Mr. Lakho is Managing Director of M/S RCC Consultants and he is pivotal in engineering policy of honesty and sincerity in company supervised engineering works.



QUALITY POLICY

We at RCC Consultants are committed to provide consultancy services in all facets of our operations, to the utmost satisfaction of our clients, with the highest level of professionalism and dedication, through continuous improvement in level of expertise and commitment of our staff, and provision of necessary resources.

The effectiveness of our Quality Management System is continually improved through a team of highly qualified & experienced professionals to ensure its suitability.

This policy provides the basis for establishing our Corporate and Divisional objectives which are regularly reviewed.



SERVICES

Prefeasibility & Feasibility Studies

Reconnaissance Studies
Preliminary Investigations
Development of Alternative Proposals
Outline Designs and Cost Estimates
Evaluation of Technical & Economic Feasibilities

Investigation

Surveys & Mapping
Geotechnical Investigations
Hydrological, Environmental, Traffic, Soil
and other Surveys
Geophysical Investigations
Data Analyses
Determination of Design Parameters
Deformation Monitoring of Structures

Design

Preliminary Designs and Costs
Model Tests
Computer Simulations
Detailed Designs and Specifications
Detailed Architectural Designs
Interior Designing
Detailed Drawings for Construction

Tender & Contract Documents

Bill of Quantities, Cost Estimates & Schedules
Tender Documents
Prequalification of Contractors
Evaluation of Tenders and Recommendations
Contract Documents

Construction Supervision & Construction Management

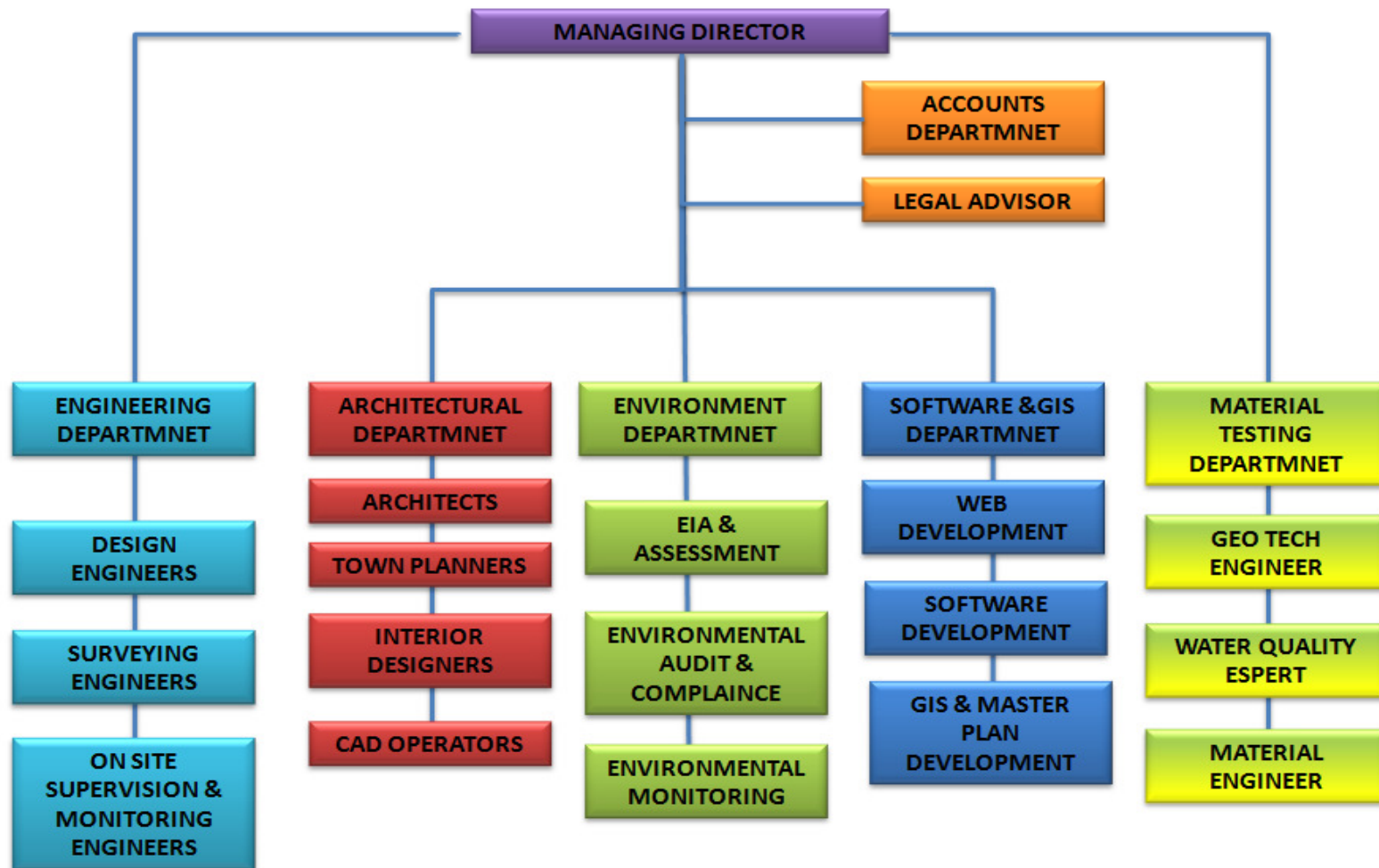
Contract Coordination
Progress Monitoring and Control
Works Supervision and Quality Control
Measurements
Certification of Periodic Payments to Contractors
Equipment Inspection and Commissioning

Post-construction Services

Completion Reports
Operation & Maintenance Manuals
Routine Maintenance and Safety Inspections
Performance Monitoring



ORGANIZATION CHART





COMPANY DETAILS

- | | | |
|----|--|---|
| 1. | Name of Firm: RCC CONSULTANTS | |
| 2. | Full name of Managing Director/Partners: Shafi Muhammad Lakho | |
| 3. | Permanent Registered Office with Address: RCC Complex Ground Floor Main Qasimabad Road Hyderabad Sindh Pakistan | |
| 4. | Telephone: 022-2652957, 022-2650709, 0323-2608043 | Contact Person: Name: Iftekhar Mallah Title: Office Manager |
| 5. | Fax: 022-2655833 | Email: rcc.consultants@rccgoc.com Web: www.rccgoc.com |
| 6. | Title of Firm: Sole Proprietorship | |
| 7. | Pakistan Engineering Council Registration: CONSULT / 1070 | Year of Incorporation Registration: 2004 |
| 8. | PEC Specialization Codes: | 1201, 1202, 1203, 1204(i)(ii)(iii), 1206,1215(ii),1226,1235 |



ARCHITECTURE & PLANNING SECTOR





DESIGN AND PLANNING OF NATIONAL BANK OF PAKISTAN

Several new branches of National Bank have been designed by M/S RCC Consultants

Project Cost: Rs. 450.0 Millions

Client: Assistant Vice President, National Bank of Pakistan

Completion: Start-Nov 05 Finish-April-06

Location : Mehar, Mehrabpur, Daharki, Sukkur & Ghotki

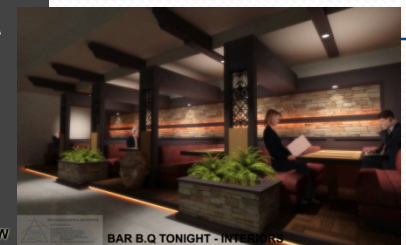
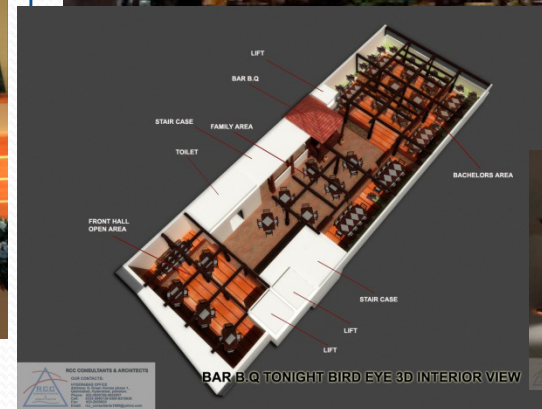
IMPROVEMENT OF ELEVATION & INTERIOR DESIGN OF EXISTING PTCL BUILDING AT HYDERABAD



DESIGN PLANNING AND STRUCTURAL DESIGNING OF BAR B. Q. RESTAURANT AT HYDERABAD

M/S RCC Consultants has a big team of architects lead by graduates of NCA (National College of Architecture) Lahore and MUET (Mehran University of Engineering & Technology) Jamshoro, who are known for their competence, artistic mind and sense of aesthetics. RCC architects are well equipped to face all projects of any magnitude.

This magnificent building situated along main Autoban road was designed by RCC Consultants which is now a days a favorite eating out place for the people of Hyderabad



DESIGN & DRAWING OF BUNGALOWS AT VARIOUS PLACES

M/S RCC Consultants Architects are of well known repute in field of designing of Residential Bungalows and Farm Houses. There is a wide range of successful projects in this regard. Following pages are illustrate our achievements:



ARCHITECTURAL DESIGN OF MULTI STOREY RESIDENTIAL PLAZA AT VARIOUS CITIES OF PAKISTAN

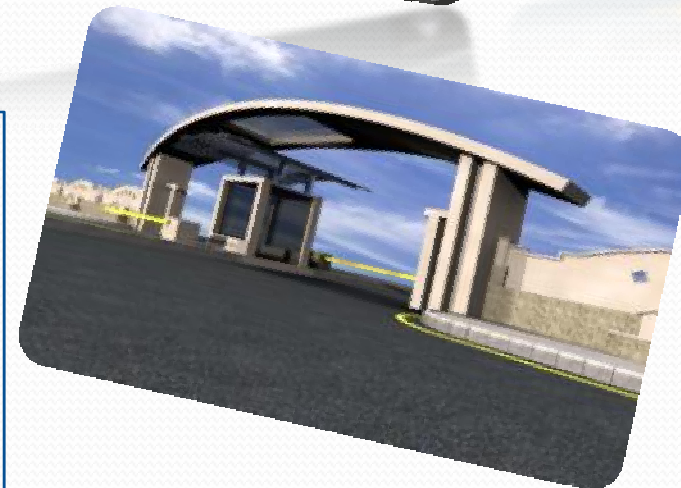
M/S RCC Consultants have successfully completed numerous projects of Multi-storey Residential cum Commercial Plazas in various cities of Pakistan



DESIGN & DRAWING OF GATES AT VARIOUS PLACES

The entrance of any building or project is always kept very special as it presents the vivid picture of the inside. M/S RCC Consultants have designed master piece Entrance/Main Gates for various project as can be seen from the picture.

- Main Gate of Mehran University College of Engineering & Technology @ Khairpur
- Main Gates of various Sabzi Mandis at:
 - ✓ Karachi
 - ✓Hyderabad
 - ✓Tando Allahyar, etc
- Main Gate of Engro Fertilizers
- Main Gate of PECHS, Hyderabad
- Main Gate of Pakistan Park, Catt Hyderabad
- Main Gate of Hyderabad Cantonment



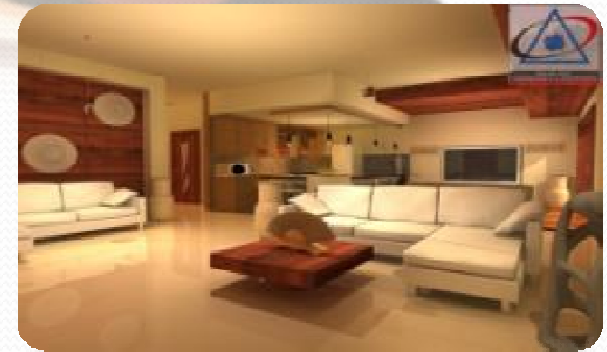
INTERIOR DESIGN OF OFFICES, BUNGALOWS, RECEPTIONS & CONFERENCE HALLS AT VARIOUS PLACES

Architecture is defined by powerful soul-elevating elements, such as impartment axes that connect interior spaces to distant views or light patterns that establish rhythms within an indoor spaces.

M/S RCC Consultants Architects and interior designers come from the school of thought “Less is More” this is the reason that we try to achieve the most with the least.

We give a lot of attention to the ceilings and floors because they usually dictate the look of a room.

M/S RCC Interior Designers believe that even a single inspired moment can change a room forever.



KHAIRPUR UNIVERSITY ROUND ABOUT MONUMENT DESIGN

DESIGN & DRAWING OF MONUMENTS & ROUND ABOUTS AT VARIOUS PLACES

M/S RCC Consultants have successfully designed various Monuments and Roundabouts. Construction work is also supervised by M/S RCC Consultants

DESIGN, PLANNING OF CONSTRUCTION OF SHAHEED MOHTARMA BENAZIR BHUTTO CARDIAC CARE HOSPITAL AT TANDO MUHAMMAD KHAN

The said project is 100 bedded and was highly appreciated and was dully endorsed by the Petroleum Development Committee which was comprised of:

1. Syed Naveed Qamar, Honorable MNA
2. Syed Ejaz Hussain Shah Bukhari, Honorable MPA Sindh
3. Abdul Kareem Soomro, Honorable MPA Sindh,
4. Dr. Jan Muhammed Memon, Project Director SMBCCCH
5. Dr. Iqbal Memon,
6. Ejaz Nabi Shah
7. Aftab Jafferri

The dedicated hard work Project Consultant M/s RCC Consultants Hyderabad has made this project shine like a jewel in TMK city.

Project Cost: Rs. 750 Million

Client: Deputy Commissioner TMK

Location: Tando Muhammad Khan, Sindh

Completion: Start-Jan-2014 Finish- Oct 2017



DESIGN, PLANNING OF CONSTRUCTION OF 30 BEDDED MOTHER & CHILD HEALTHCARE CENTER AT TALUKA KATI BANDER DISTRICT THATTA

Housing Foundation of Islamic Republic of Iran by the virtue of MoU dated 6th February 2012, for reconstruction of flood affected areas of the Pakistan between Islamic Republic of Iran and Government of Pakistan intends to construct modern Mother and Child Health Care Unit (MCH) at Thatta, Sindh Pakistan. M/s RCC Consultants were engaged to provide consulting services for this project at Thatta

Project Cost: Rs. 93.8 Million

Client: PIU, Govt of Iran

Location: Thatta, Sindh

Completion: Start-Jan-2014 Finish- Mar-2014



MASTER PLAN



CONSTRUCTION OF 30 BEDDED MOTHER AND CHILD HEALTH CARE CENTER AT GOTH MUHAMMAD YOUSUF FEROWZANI TALUKA KATI BANDER DISTRICT THATTA



DESIGN, PLANNING OF 40 BEDDED MOTHER & CHILD HEALTH CARE CENTER AT KHAIRPUR

Housing Foundation of Islamic Republic of Iran by the virtue of MoU dated 6th February 2012, for reconstruction of flood affected areas of the Pakistan between Islamic Republic of Iran and Government of Pakistan intends to construct modern Mother and Child Health Care Unit (MCH) at Khairpur, Sindh Pakistan. M/s RCC Consultants were engaged to provide consulting services for this project at Khairpur.

Project Cost: Rs. 100 Million

Client: PIU, Govt of Iran

Location: Khairpur, Sindh

Completion: Start-Nov-2013 Finish- Nov-2014



**Housing Foundation
of I.R.I.**

DESIGN, PLANNING OF 20 BEDDED CHILD HEALTH CARE CENTER GHARI KHUDA BUX, TALUKA RATODERO DISTRICT LARKANA

Housing Foundation of Islamic Republic of Iran by the virtue of MoU dated 6th February 2012, for reconstruction of flood affected areas of the Pakistan between Islamic Republic of Iran and Government of Pakistan intends to construct modern Mother and Child Health Care Unit (MCH) at rural areas of Larkana, Sindh Pakistan. M/s RCC Consultants were engaged to provide consulting services for this project at Khairpur.

Project Cost: Rs. 41.37 Million

Client: PIU, Govt of Iran

Location: Larkana, Sindh

Completion: Start-Sep-2013 Finish- Dec-2013



**Housing Foundation
of I.R.I.**

DESIGN, PLANNING OF CONSTRUCTION & UPGRADATION OF TALUKA HOSPITAL CASUALTY WARD AT

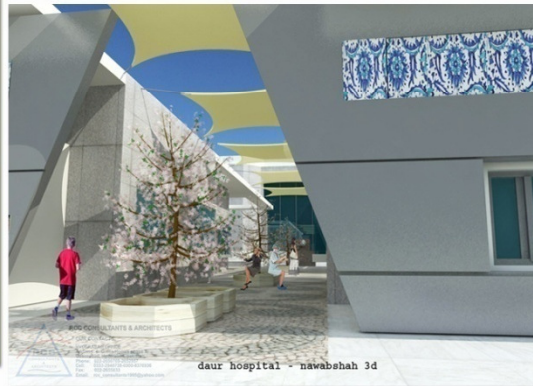
DAUR, DISTRICT SHAHEED BENAZIRABAD

Housing Foundation of Islamic Republic of Iran by the virtue of MoU dated 6th February 2012, for reconstruction of flood affected areas of the Pakistan between Islamic Republic of Iran and Government of Pakistan intends to construct modern Health Facility at rural areas of Nawabshah Sindh Pakistan.



Housing Foundation
of I.R.I.

DAUR HOSPITAL 3D-VIEWS



REHABILITATION OF SERVICES HOSPITAL HYDERABAD

M/S RCC Consultants have successfully carried out the rehabilitation work of Services Hospital Hyderabad

M/S RCC Consultants were contracted to design and supervise all rehabilitation and repair works. It was M/S RCC Consultants careful & intelligent planning which made possible to complete the project in a short time of 3 months.

Project Cost: Rs. 32.0 Million

Client: Health Department, Government of Sindh

Completion: Start- Apr-2010 Finish-June-2010

Location : Hyderabad, Sindh

Value of Services: Rs. 0.7 Millions



DESIGN, PLANNING & SUPERVISION OF MATERNITY HOSPITAL AT CANTONMENT HYDERABAD

M/S RCC Consultants have been awarded contract to design and plan New Block of Maternity Hospital for 100 beds with ultra modern facilities at Combined Military Hospital (CMH)Hyderabad.

M/S RCC Consultants prepared design, planning, detailed drawings, estimates, tender documents for the project and detailed supervision is being carried out at site.

Project Cost: Rs. 150.0 Million

Client: Military Engineering Services Pakistan Army

Location: Hyderabad, Sindh



GROUND FLOOR PLAN
COVER AREA =6269.56 SQ.FT
COVER AREA OF
GENERATOR ROOM =100 SQ.FT

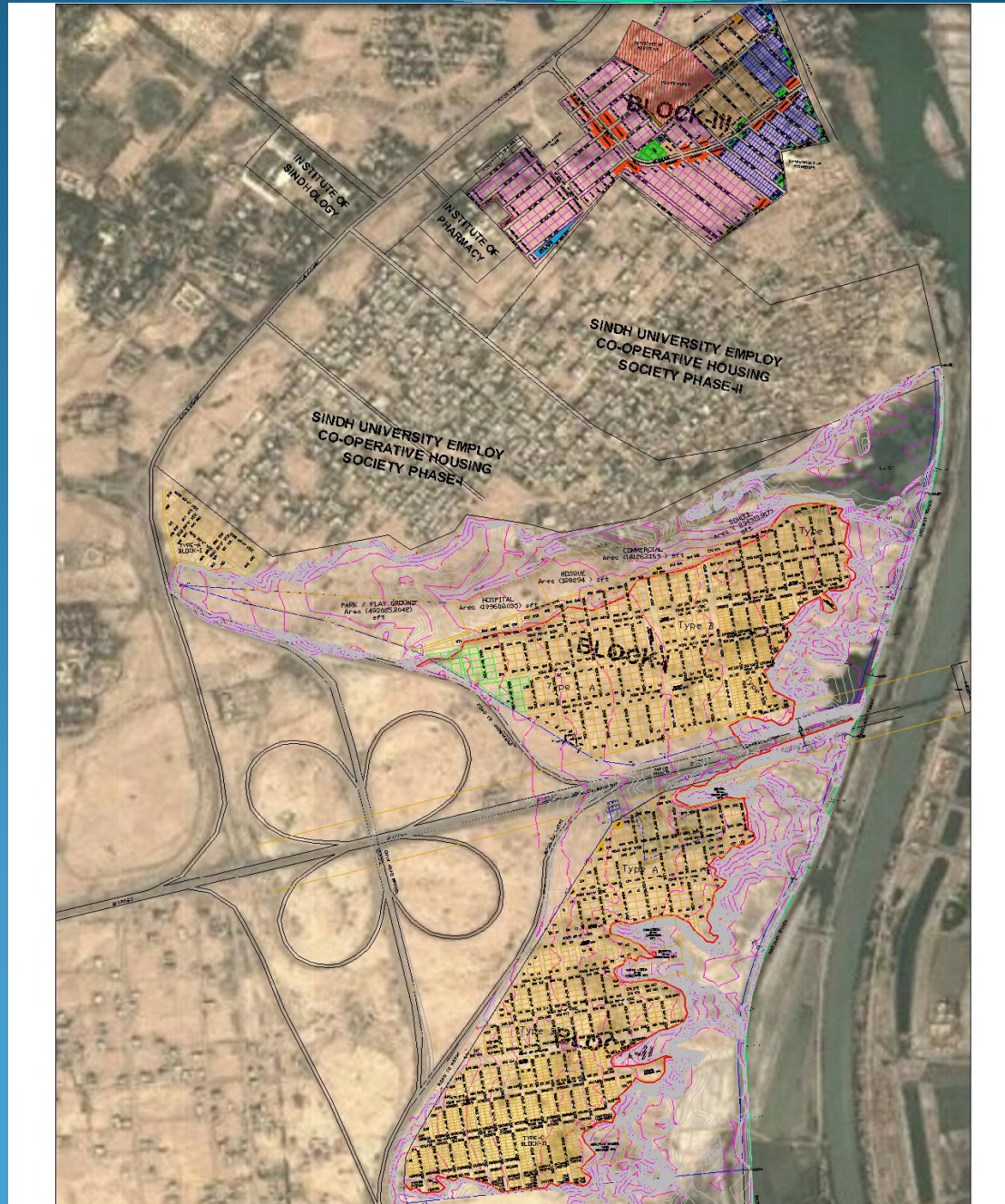


SIDE ELEVATION



FRONT ELEVATION

DESIGN, PLANNING OF Shaheed Muhtarma Benazir Bhutto Sindh University Staff Housing Scheme, Jamshoro (300 ACRES)



Project Cost: Rs. 11.0 billions (approx)
Client: University of Sindh Jamshoro
Completion: Start-Aug-2014 Finish-June 2015
Location : Jamshoro, Sindh

DESIGN, PLANNING AND SUPERVISION OF HOUSING SCHEME (PROFESSIONAL COOPERATIVE HOUSING SOCIETY LIMITED (PCHS))

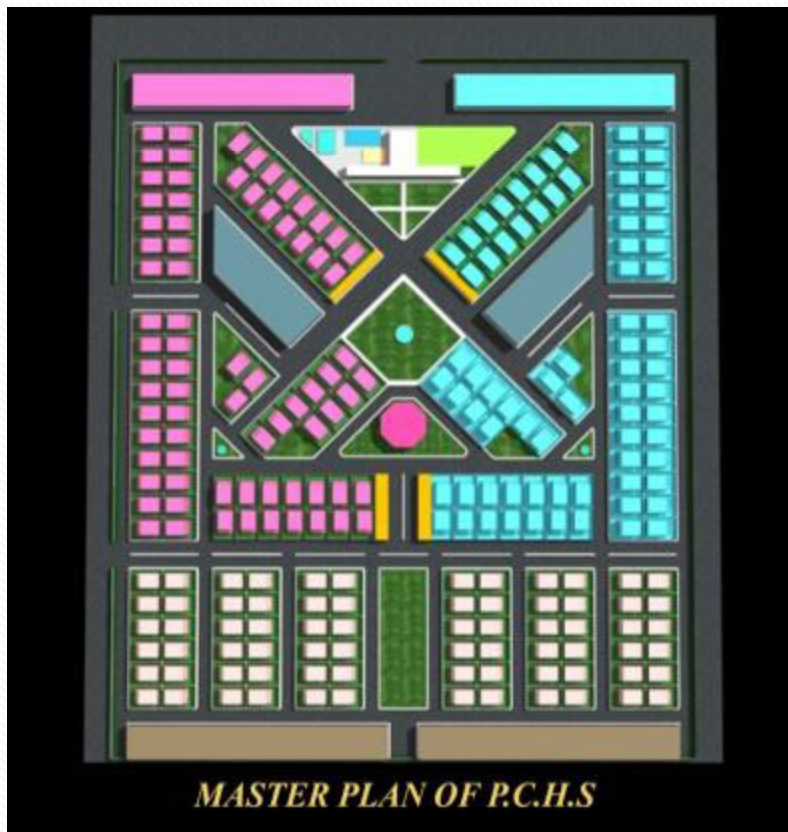
A modern housing scheme is planned by the M/S RCC Consultants. All development works have been supervised by the consultants. The scheme is very popular and all plots have been sold and prices get escalated as development near completion.

Project Cost: Rs. 500.0 Millions

Client: Secretary Professional Cooperative Housing Society Limited (PCHS)

Completion: Start-Jun-06 Finish-Jun-07

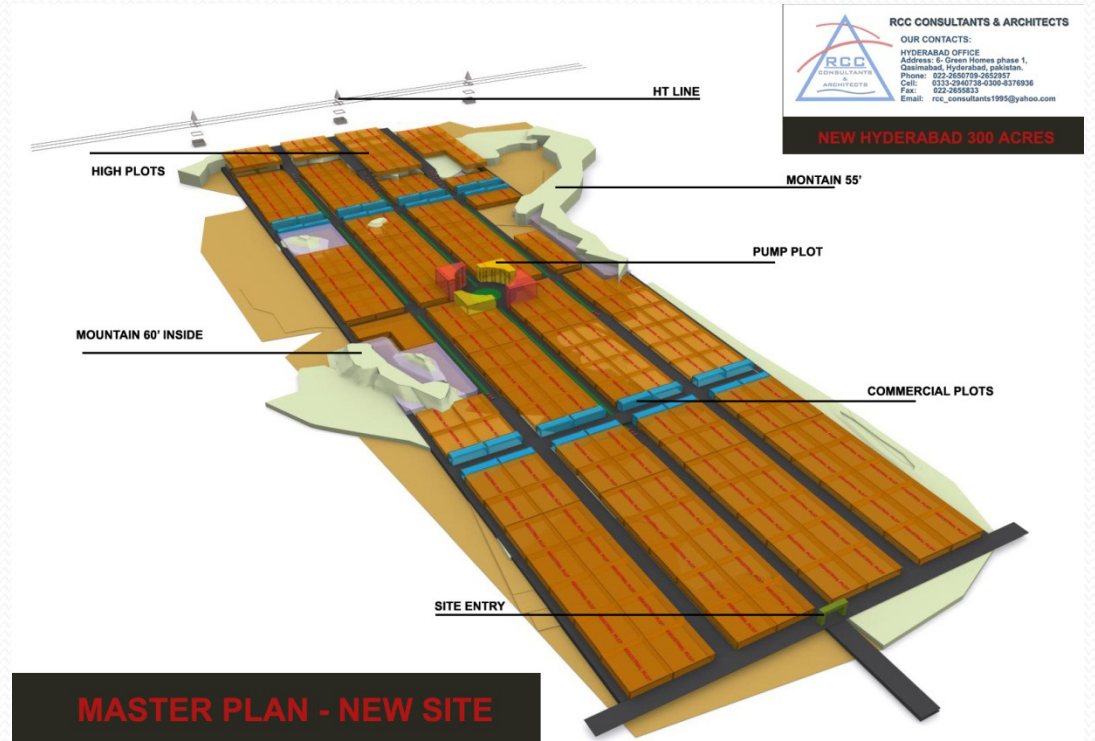
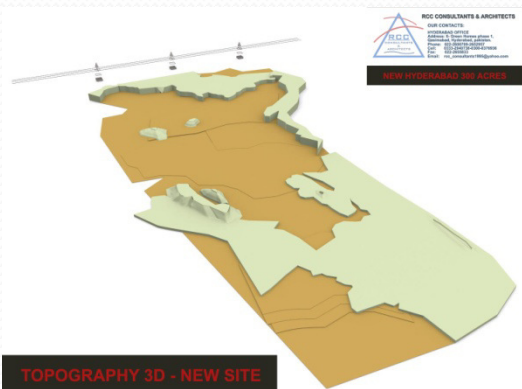
Location : Hyderabad, Sindh



Preparation of Master Plan for Extension of Sindh Industrial Trading Estate (S.I.T.E) Ltd on an area of 300 acres at S.I.T.E Hyderabad

A modern Industrial Estate was designed and planned by RCC Consultants on an area of 300 acres. The Industrial Estate was planned with all facilities and utilities.

Client: Ministry of Industries & Commerce Govt of Sindh
Location : Hyderabad, Sindh



DESIGN AND PLANNING OF THAR LODGE AT ISLAMKOT, DISTRICT THARPARKAR

Thar area boasts largest coal deposits in the world. Government of Sindh planned to construct a Ultra-modern Foreigners Lodge at Islamkot.

M/S RCC Consultants were awarded the contract. This 100.0 Million compound is modern, energy efficient and incorporates local architectural features which consists of Individual Chalets, Dormatry, Dinning Hall, Admin Office, Gym, Badminton Court, Mosque, Servant Quarters, Boundary Wall, Main Gate, Park etc.

Project Cost: Rs. 100.0 Millions

Client: Director General, Sindh Coal Authority (Mines Mineral Department) Government of Sindh

Completion: Start-Dec-06 Finish-Dec-08

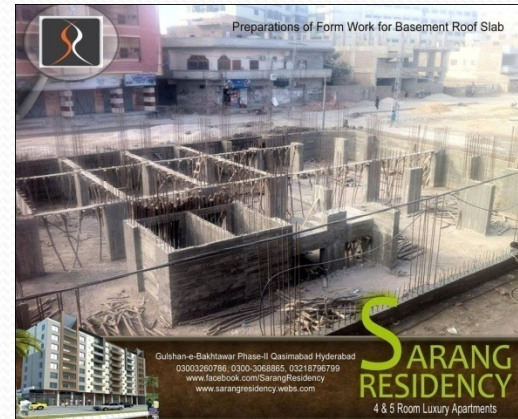
Location : Islamkot, Sindh

Value of Service: 2.0% of total project cost



DESIGN PLANNING AND STRUCTURAL DESIGNING OF SARANG RESIDENCY HYDERABAD

This luxury building situated along main wadhu wah road and it was designed by RCC Consultants which is now a days under construction. The building is a Basement+Ground+7 Story with Shops and Residential Apartments.



DESIGN, PLANNING OF SPORTS COMPLEX of AGRICULTURE TRAINING INSTITUTE AT SAKRAND

Project Cost: Rs. 650.0 Million

Client: Agriculture Department Govt of Sindh

Location: Sakrand, Sindh

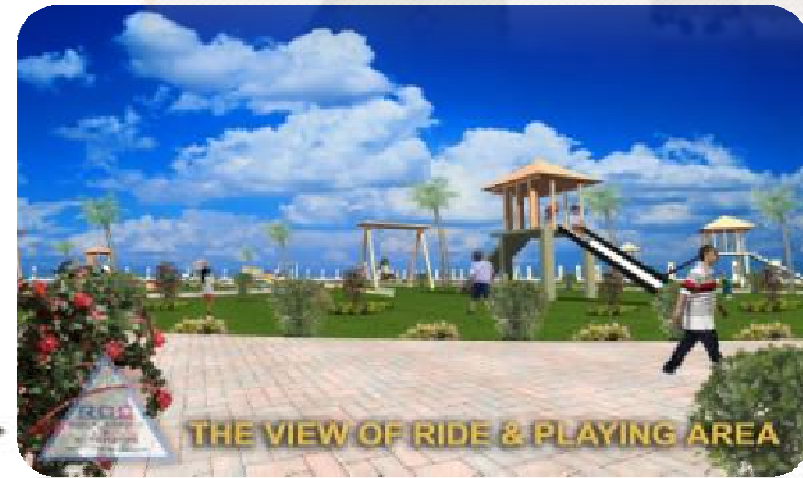
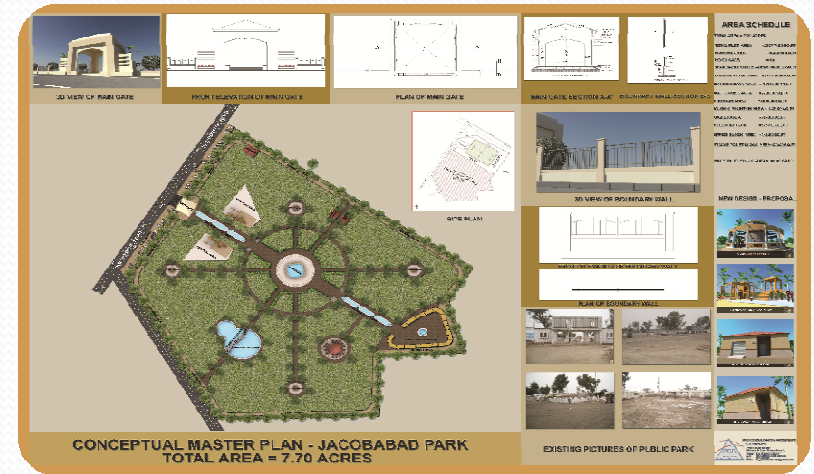
Completion: Jan-2012 to Apr 2012

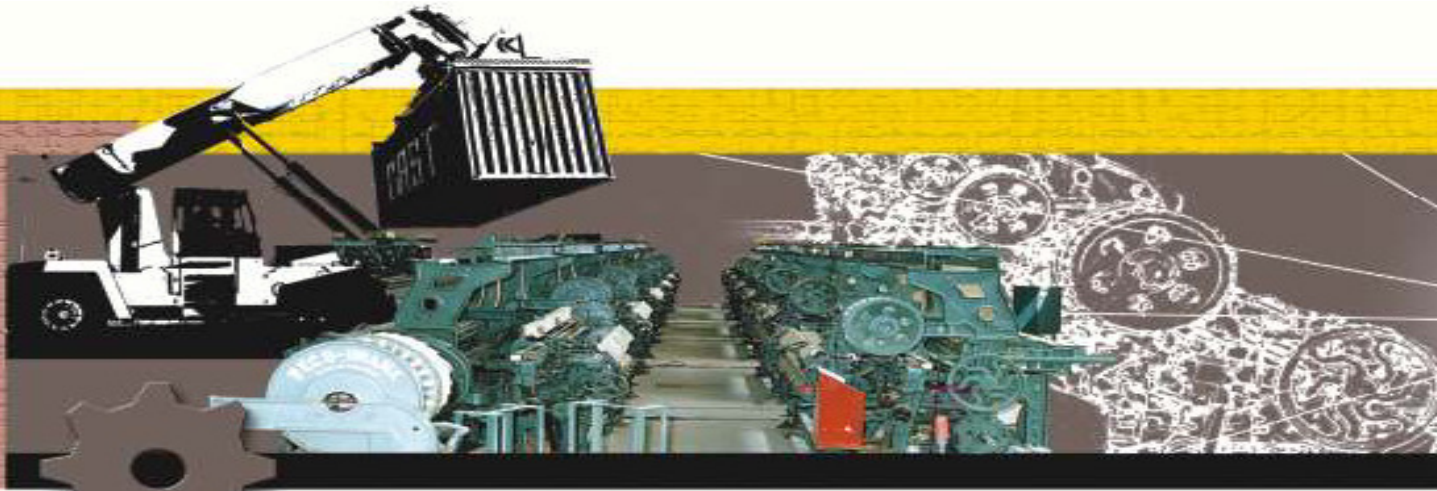


DESIGN PLANNING OF PARKS AND PLAY GROUNDS

RCC Consultants have the privilege to design various parks and play grounds at following places:

- Pakistan Park, Cantonment Hyderabad (Rs. 100.0 Million)
- Begum Saeeda Soomro Park, Jacobabad (Rs. 36.0 Million)
- Badin Park, Badin (Rs. 56.33 Million)
- Public Park Jacobabad (Rs. 40 Million)





INDUSTRIAL SECTOR



CIVIL STRUCTURE DESIGN OF MEHRAN MAIZE AND BRP PROCESSING PLANT PROJECT AND PREPARATION OF MONTHLY ENVIRONMENTAL MONITORING REPORT



100,000 Gallon Over Head Water Tank



Safety Trainings

Mehran Maize and BPR Processing Project Kotri is under construction at Kotri spread over area of about 50.0 acres. The plant area comprises of Ware Houses for raw materials and finished products (Starch & Glucose), Administrative Buildings, Cooling Towers, Control Rooms, Boilers, Gas based Electric Power Generators, Work Shops, Staff Residence and in-home Waste Water Treatment Plant. The Project is worth Rs. 3.0 Billion. M/S RCC Consultants being industries specialist have been contracted to design and supervise all civil works in co-relation with electrical and mechanical works.

M/S RCC Consultants are also carrying out Environmental Monitoring of this project on monthly basis.

Project Cost: Rs. 3.0 Billions

Client:Rafhan Maize Products Pvt Ltd

Completion: Start-Jan-08 Finish-Jan-11

Location :Kotri, Sindh

M/s RCC Consultants are also carrying out Monthly environmental monitoring of the project.

CONSULTANCY SERVICES FOR CONSTRUCTION OF PRE-FABRICATED PLANT AREA AND WARE HOUSES HI-TECH PIPE ENGINEERING INDUSTRIES KOTRI

This Ultra modern industry was established at Kotri for manufacturing of PE pipes and MS pipes. The largest diameter of PE pipe is also manufactured at this factory which is 72". There were various buildings in this facility ranging from Pre-Fabricated Ware houses, Administration Block, Residential Buildings, Residential Facilities for Foreign Engineer, Overhead Tanks, 2.5 Megawatt Power House Building, Cooling Towers, Processing Plants etc.

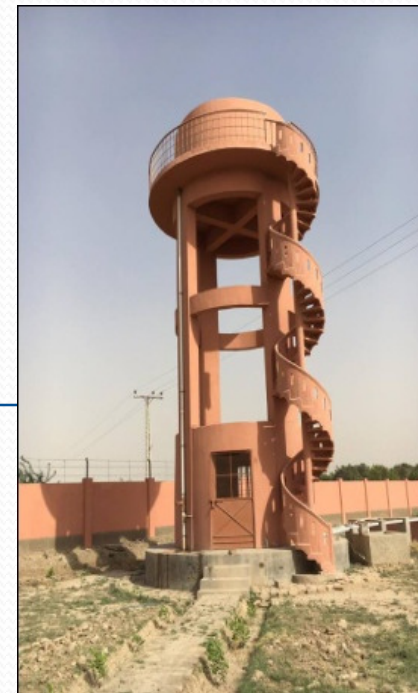


RED CHILIES PROCESSING CENTER, KUNRI

Project Cost: Rs. 78 Millions

Client: Small & Medium Enterprises Development Authority
SMEDA

Location :Kunri Sindh



DESIGN & SUPERVISION OF CHEMI VISCO FIBER AT S.I.Z NAWABSHAH

Pakistan's largest private industry at cost Rs: 3.0 billion has been established at Special Industrial Zone Nawabshah, spread on 32 acres.

M/S RCC Consultants were engaged by Chemi Group of Industry to provide civil, electrical and mechanical design and construction supervision consultancy. M/S RCC Consultants completed this land mark project from inception to completion.

Project Cost: Rs. 3.0 Billions

Client: Chemi Group of Industries Pvt Ltd

Completion: Start-Jan-98 Finish-Jan-04

Location : Nawabshah, Sindh



REHABILITATION WORKS OF ITEHAD CHEMICAL LIMITED (ICL)

M/S RCC Consultants have successfully carried out the rehabilitation work of Itehad Chemical Industry at Lahore.

M/S RCC Consultants were contracted to design and supervise all civil works in co-relation with electrical and mechanical works.

Project Cost: Rs. 300.0 Millions

Client: Itehad Chemicals Ltd (ICL)

Completion: Start-Jan-04 Finish-Jan-05

Location : Lahore. Punjab



EXCLUSIVE CONSULTANTS OF PAK OIL INDUSTRY HYDERABAD

Project Cost: Rs. 148.0 Millions

Client: Pakistan Oil Industry Pvt Ltd

Completion: Start-Mar-2000 Finish-Jan-01

Location : Hyderabad, Sindh



DESIGN & SUPERVISION OF FIMCO TAX INDUSTRY AT S.I.T.E KOTRI

Fimco Tax is textile industry. The private owned procured this property from a court auction. The machinery and buildings were in ruined conditions.

M/S RCC Consultants were awarded contract for design and supervision of this industry to revive it. M/S RCC Consultants also proposed and supervised construction of Gas Power House for this industry.

Project Cost: Rs. 50.0 Millions

Client: FIMCO TAX Industries Pvt Ltd

Completion: Start-Jan-99 Finish-Jan-02

Location : Kotri, Sindh



REHABILITATION OF LEATHER FOOTWEAR CENTER HYDERABAD

M/S RCC Consultants are engaged by Small & Medium Enterprises Development Authority (SMEDA) to rehabilitate the Leather Footwear Center a Ground +3 story building.

This was a fast track project and it was completed in a mere time of 2 months.

Project Cost: Rs. 10.0 Millions

Client : Small & Medium Enterprises Development Authority (SMEDA)

Completion: Start- Aug-10 Finish-Sept-10

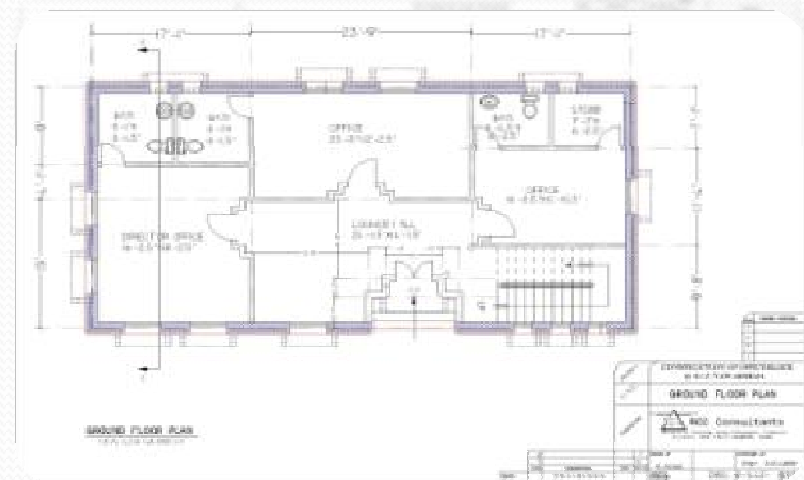
Location : Hyderabad, Sindh



SINDH INDUSTRIAL TRADING ESTATE LIMITED (S.I.T.E) WORKS

M/S RCC Consultants are handling most of the S.I.T.E Ltd works. These works include

- Construction of Fire Station at S.I.T.E Nawabshah
- Design/Planning of 200 acres area at S.I.T.E Hyderabad
- Design /Planning of 5.0 MGD Filter Plant at S.I.T.E Hyderabad
- Rehabilitation of Filter Plant at S.I.T.E Nawabshah
- Rehabilitation of Filter Plant at S.I.T.E Kotri



CONSTRUCTION OF PRE-FABRICATED STEEL TRUSS ROOF OF MASJID JAME AL QURAN AT HYDERABAD

Located at the entrance point of Qasimabad Hyderabad.

The clear span of the roof is 80ft x 50ft. The roof was designed as a sandwich panel to insulate heat.

Project Cost: Rs. 6.23 Millions

Client: Tanzeem e Islami

Completion: Start-Nov-2011 Finish-Feb -2012

Location : Hyderabad, Sindh





SEWERAGE/DRAINAGE SECTOR



A-2 Detailed Engineering Design, Construction Supervision of PFR-2 And Energy Audit

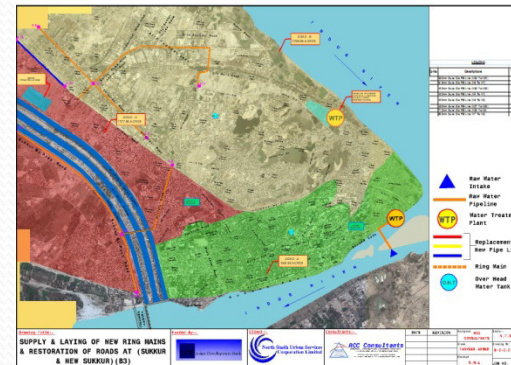
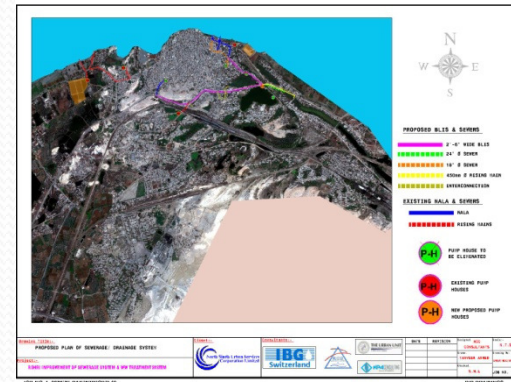
RCC Consultants awarded project **A-2 Detailed Engineering Design, Construction Supervision of PFR-2 And Energy Audit by beating technically/financially responsive bid of international consulting firms viz:- MMP, NESPAK, ECIL G3 Usmania etc**, under Sindh Cities Improvement Investment Program for NSUSC. It focuses on priority works as identified by RCC Consultants in PFR-2 which was also prepared by RCC Consultants for NSUSC and Asian Development Bank. This mega project having consultancy fees costing to Rs:193.66 Million for supervision is assigning by RCC Consultants though they have expertise in relevant field . Our Scope includes

1. Detailed design of all works as identified .
2. Water supply Distribution Task Activities
3. Waste Water Management Task Activities
4. Solid Waste Water Management Task Activities
5. Base line data for Tranche-2
6. Confirm project details and identify information gaps.
7. Preparation of detailed design & specification of all works
8. Environmental safeguard documents
9. Social safeguard documents
10. Detailed costing, feasibilities etc.
11. Energy Audit & Energy Efficiency Improvement Programme for NSUSC.

Client:



Location : Larkana, Sukkur, New Sukkur, Rohri, Khairpur,
Shikarpur, Ghotki , Larkana and Jacobabad
Project Consultancy Cost: 193.66 Millions



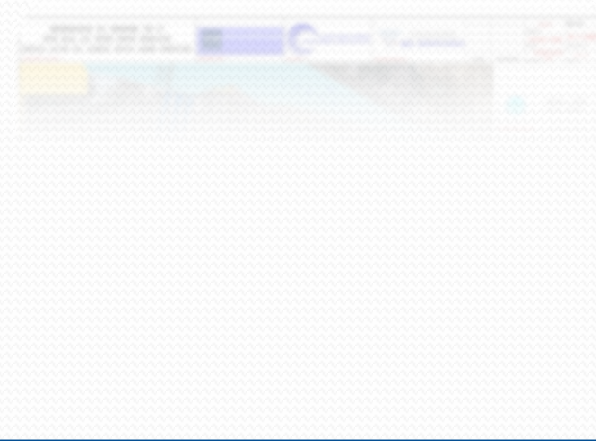
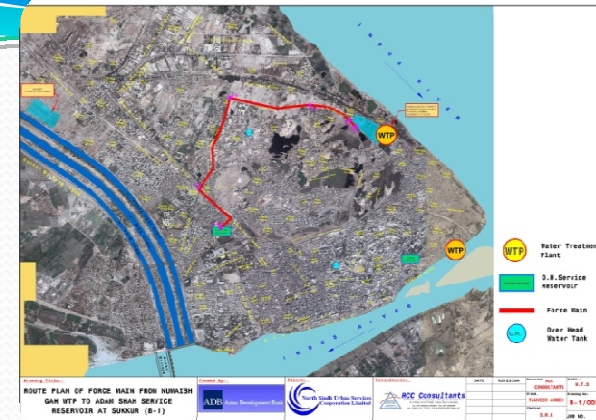
Preparation of Periodic Financing Request for Tranche-2

The second Periodic Financing Request (PFR) under the Sindh Cities Improvement Investment Program for NSUSC Tranche 2 which included request for projects for Tranche-2. It focuses on priority infrastructure projects identified by RCC Consultants based on existing Master Plans and ongoing master planning exercise in Tranche 1 and 2 towns. The PFR-2 was prepared to get a loan from Asian Development Bank. The RCC Consultants not only identified the subprojects but prepared the preliminary design of all projects and in some projects the detailed design was also provided. PFR-2 also requested financing for investments necessary to improve NSUSC's operations and to continue supporting the operating cash flow shortfalls of NSUSC. These investments for this tranche 2 fall under following:

1. Part A: Program Implementation Support to NSUSC
2. Part B: Urban Water Supply and Wastewater Management Improvements
3. Part C: Solid Waste Management Improvements
4. Part D: Operational Support Funding

The outputs proposed for financing under PFR -2 were:

- Enhancing operational efficiency, accountability, project planning, management and implementation support to NSUSC.
- Improving water supply and sewerage infrastructure and systems in the eight urban towns in North Sindh.
- Improvement in secondary solid waste collection system and sanitary disposal of NSUSC region.
- Improving O&M and delivery of services through organizational improvement & operational & transition support funding.

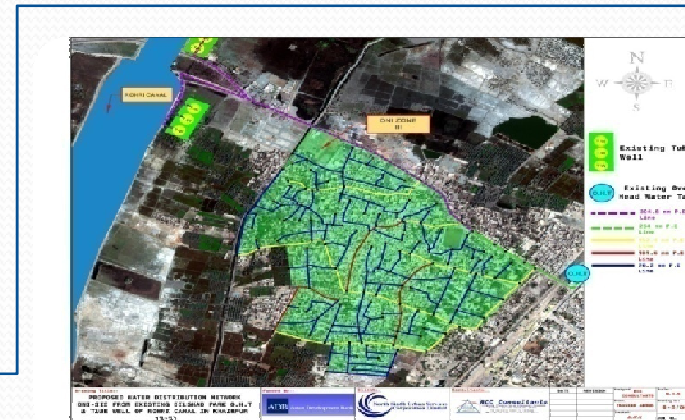


Client:



Location : Larkana, Sukkur, New Sukkur, Rohri, Khairpur, Shikarpur, Ghotki and Jacobabad

Project Cost: 142.0 million US\$



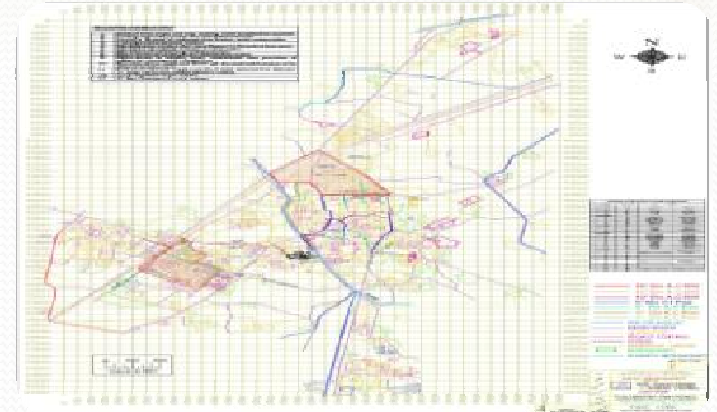
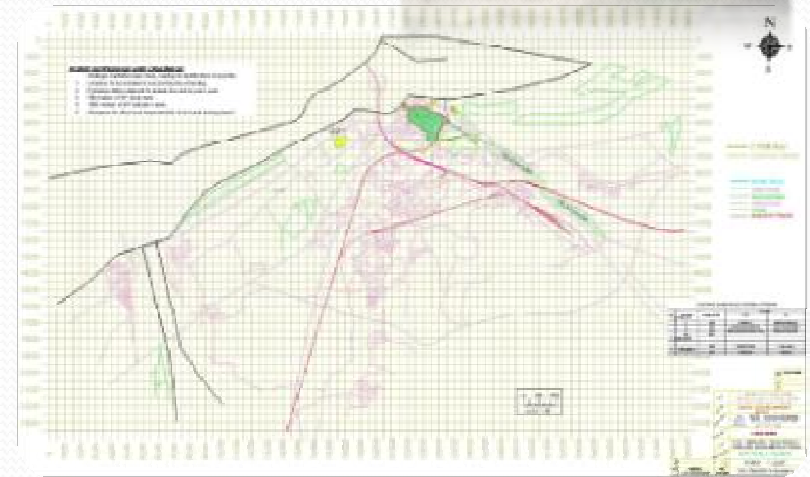
SINDH CITIES IMPROVEMENT PROGRAM (SCIP)

The Sindh Basic Urban Services Project (TA-4534-PAK) is preparing a comprehensive program of ADB support, phased over ten years and strategically targeting clusters of secondary cities and towns in interior Sindh. The Sindh Cities Improvement Program (SCIP) aims to improve quality, continuity and coverage of water supply, wastewater, and solid waste management (SWM) services, SCIP will adopt a Multi tranche Financing Facility (MFF) modality to provide five tranches of lending over a 10-years period. This MFF would support management and institutional reforms, urban planning and complementary infrastructure investment in water supply, wastewater and SWM. The SCIP will phase reforms and investment by town clusters, beginning first in North Sindh with a cluster of six participating Taluka Municipal Authorities (TMAs) and first tranche loan of \$ 30 million. Under the first phase of SCIP, these six TMAs would join together to establish the North Sindh Urban Services Corporation (NSUSC) under the Companies Ordinance 1984 and cause delivery of services professionally through a Services and Asset Management Agreement. This TOR is for work to be undertaken in four of the six TMAs: Sukkur, New Sukkur, Rohri and Khairpur

M/S RCC Consultants were awarded contract to prepare Priority Works Program.

M/S RCC Consultants were employed by ADB and they conducted Survey, Produced digitalized city maps, Digitalized Master Plans, Cost estimates and Tender documents for the contract works. The cities included in the consultant's scope of work were

- Khairpur
- Sukkur I
- Sukkur II
- Rohri

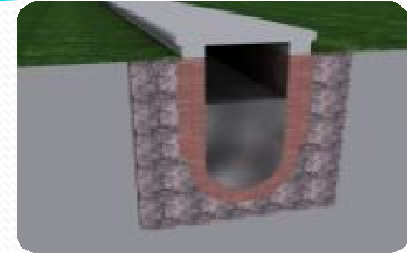
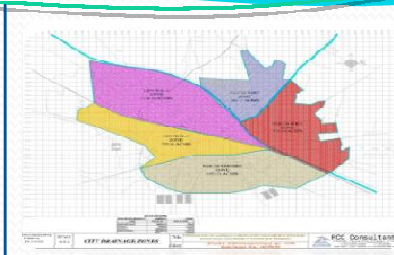


PREPARATION OF LARKANA WASTEWATER MANAGEMENT STRATEGIC ACTION PLAN AND PRIORITY INVESTMENT

The main objective of project was to prepare a Drainage and Sewerage Strategy and accompanying Action Plan and Priority Investment Program for Larkana (urban areas only), encompassing storm water, sullage, drainage and wastewater disposal and management. This task entails identifying the worst affected areas and the cause of flooding, poor wastewater disposal, and evaluating options for mitigation. The assignment will provide the proposed North Sindh Urban Services Corporation (NSUSC) and the Larkana Taluka Municipal Administration(TMA) with an assessment of the municipal sewerage and drainage system in Larkana, including a planning tool for NSUSC to prioritize sewerage and drainage works in consultation with the TMA. Strategic recommendations for prioritized investments were developed for financing under the proposed Sindh Cities Improvement Investment program (SCIP or the Investment Program).

M/S RCC Consultants conducted Survey, Produced digitalized City Maps, digitalized Master Plans and performed following tasks:

- 1.Assessment of future population was to be served, on the basis of likely development patterns and population growth rates.
- 2.Based on estimated population figures and projected per-capita water consumption, estimate was made for likely domestic sewage flows.
- 3.Based on information on the location and types of industry and institutions and the waste water that they generated, probable estimate was made for industrial and institutional waste water flows.
- 4.Assessment of likely storm run-off, based on catchment areas, estimated storm intensity and estimated run-off coefficient.
- 5.Based on the above, estimation of design flow was prepared for each length on main sewer/drain.
- 6.Based on the above, for all proposed major sewers and drains, invert elevation and minimum and recommended cross-sectional flow area for each section of drain duly considering existing culverts was determined. (Taking account of the need to maintain minimum self-cleansing velocities).
- 7.Provided full calculation, detailed design drawings, specifications and contract documents, sufficient to allow construction of priority schemes after carrying out any further topographical, ground and other surveys required to finalize the schemes.
- 8.Undertaken more detailed surveys to provide the information required fort detailed design of these priority projects



DRAINAGE & TREATMENT WORKS OF USTA MUHAMMAD TOWN AT BALOCHISTAN DEVELOPMENT AUTHORITY (BDA)

M/S RCC Consultants have prepared drainage Master Plan worth Rs: 750.0 Million for three cities of Balochistan namely:

Usta Muhammad

Dera Allahyar

Dera Murad Jamali

Master Plan included new digitalized city map, topographic plan, drainage plan, cost estimates, PC-I and tender documents. The construction work is in progress based on Blis system.

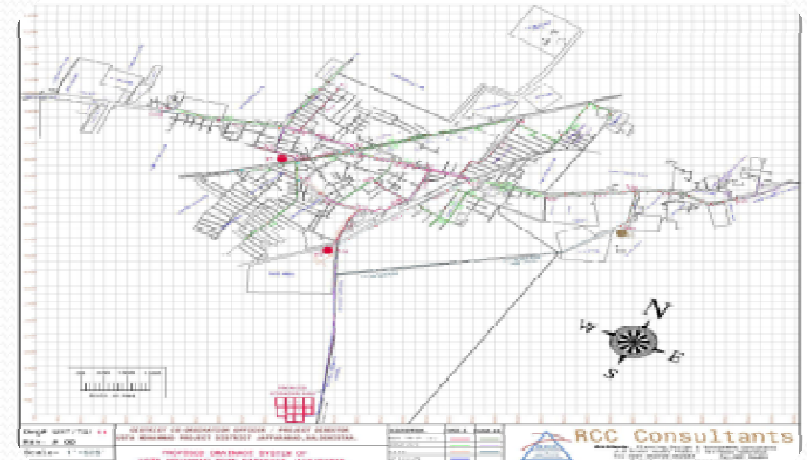
Project Cost: Rs. 750.0 Millions

Client: Balochistan Development Authority Government of Balochistan

Completion: Start-Oct 05 Finish-85% works completed

Value of Services: 1.5% of total project cost

Location: Usta Muhammad, Dera Allahyar & Dera Murad Jamali



EXTENSION/IMPROVEMENT OF URBAN DRAINAGE

SCHEME JACOBABAD

Jacobabad City is a big Mandi of Rice, situated on Sukkur-Quetta National Highway. It is 51 miles away from Sukkur and 28 miles from Shikarpur, and is connected with all Tahsil head quarters with metal led as well as railroads. It is also connected with Tahsils of Balochistan Province.

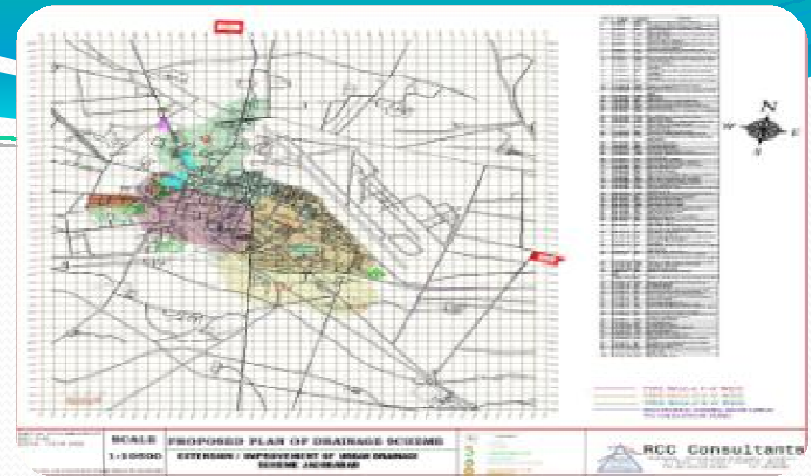
District secretariat is established, under Devolution plan. At present District Government under Zila Nazim and Taluka Municipal Administration under Taluka Nazim are running the affairs of district and Taluka smoothly and successfully. In new setup, Taluka Officer (Infrastructure and services) is responsible for smooth running of water supply, sanitation, fire fighting, streetlights, intra city roads and solid waste disposal, through out the Taluka.

The city was till two years back a water-starved city. However due to the efforts of the Government a mega water supply Project to supply about 6.6 MGD of the filtered sweet water is recently completed. The water is scheduled to be supplied in the city by 15th March 2008.

It is expected that about 80% of this water that is about 5.0 MGD of wastewater will occur in the city which under present existing drainage system w could not be accommodated. Present system collects under 1.0 MGD wastewater. Thus if no steps are taken the city is likely to become cesspool and euphoria of the citizens from availability of sweet water would turn into misery. The excess un-disposable water in the city would damage roads and buildings. Thus it is of utmost importance that a drainage/sewerage system by constructed based on drainage master plan valid till 2030.

For this purpose **M/s RCC consultants** were given this task to under take this study and propose the system and were awarded work order to conduct this study by TMA Jacobabad on 16th October 2007 and to complete the study in 3 months time.

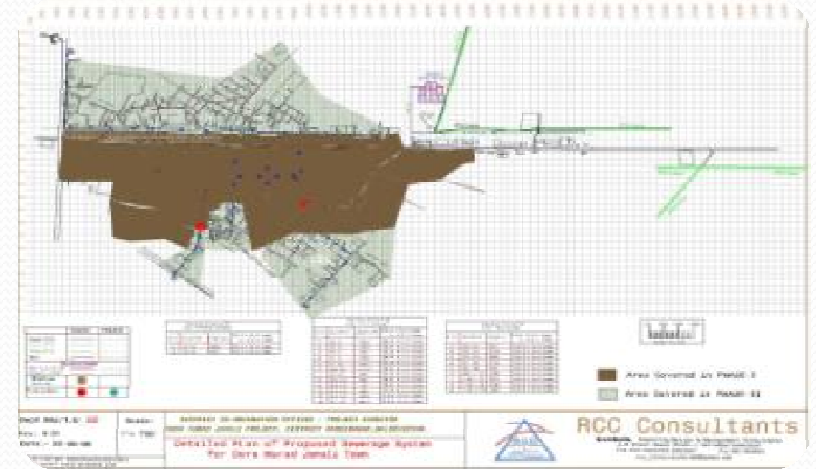
However Consultants were requested to provide the rough cost estimate and PC1 based on first preliminary studies. The rough estimate includes sewage treatment works, some additional pump houses and also dong away with more than 20 pumping stations that will be no more required as the system will work mostly on gravity. The city is divided in four Zones and each zone shall have an independent treatment lagoons and treated water shall be supplied to lands for irrigation purposes. Consultants prepared detailed design and detailed cost estimates Master plans, Tender Documents and detail construction drawings. Work is in progress under supervision of M/S RCC Consultants.



DRAINAGE & TREATMENT WORKS OF DERA MURAD JAMALI, DERA ALLAHYAR TOWN AT BALOCHISTAN DEVELOPMENT AUTHORITY (BDA)

Dera Allahyar, Dera Murad Jamali & Usta Mohammad are the Major economic hub towns of the Balochistan. At present almost non-existent drainage system is the sore point. It is badly realized that to achieve the expected economic progress the cities must be provided with basic facilities of fit drinking water, and sewerage system. This study by consultants is about preparing sewerage and Drainage/Sewerage Scheme suited to cities contours with treatment facilities. The importance of a working sanitary and drainage facility does not need any exaggeration. With the introduction of the new local government system in the country under the devolution plan. Taluka Municipal Authorities (TMAs) have become the primary units of the new setup with full powers to provide civic facilities to its residents and to collect and consume all local taxes. However due to certain inherited burdens, TMAs are not able to save resources for betterment of the civic services. One such inherited encumbrance is the faulty or non-existent sewerage system.

M/S RCC Consultants were entrusted with the task of preparing drainage and treatment system for the cities of Dera Allahyar, Dera Murad Jamali & Usta Mohammad. The first step was to prepare city maps from drainage point of view and to super impose on it topographical survey



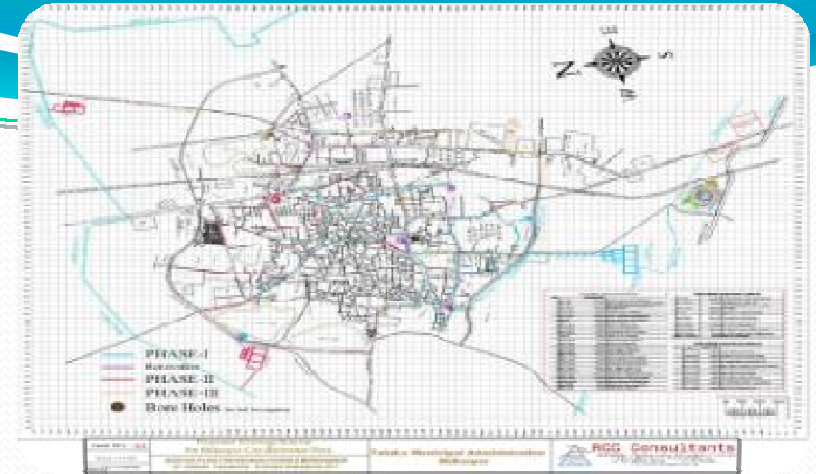
URBAN DRAINAGE SCHEME SHIKARPUR

When the introduction of the new local government system in the country under the devolution plan, Taluka Municipal Authorities (TMAs) have become the primary units of the new setup with full powers to provide civic facilities to its residents and to collect the consume all local expenses. However due to certain inherited burdens, TMAs are not able to save resources for betterment of the civic services. One such inherited encumbrance is the faulty sewerage system. The system is non functional, that consequential damages from sewage over flowing over roads and streets are in million of rupees. Roads constructed new, last only few months. Public resentment and disrepute to civic authorities are other direct consequences. Health and populace psyche suffers from such unhygienic conditions.

M/S RCC Consultants were entrusted with the task of preparing drainage Mater Plan for the Shikarpur City.

The drainage Master Plan includes Rehabilitation of two existing oxidation ponds, one at Zarkhel road and the other near the Larkana by Pass. The third new oxidation pond is proposed behind Shah Bagh. The design of oxidation pond has been done in such a way that after treatment the affluent would be safe for irrigation. The master plan, further proposed elimination of two P/Station and construction of other two new P/Station, in addition to rehabilitation of existing P/stations. Some existing sewer lines and some drains are also included for rehabilitation. Additional brick sewers of semi-circular shape are proposed as well. After implementation of this master plan, following improvements are foreseen:-

- 1) All areas of city will be connected to the central sewerage system. Provision has been made for the covering of new areas in New Shikarpur, Sanjrani Muhallah and towards Shah Bagh, Alif Shah Colong and New Faujdari road upto the Sindh Wah.
- 2) All local sewerage ponds at Fateh school, in Sanjrani Muhallah, in Allahabad and Karimabad, the one near Eid Gah and other near Kri Atta Mohd Colony Tharopur will be eliminated and land so re-claimed can be used to develop parks.
- 3) The master plan when implemented would meet the drainage needs of the population up to year 2030.
- 4) All sectors where future expansion is foreseen are taken care of in this master Plan.
- 5) A fully planned Buffalo Colony is proposed and recommended. Master Plan of this colony is also prepared and submitted with this report.



REHABILITATION/IMPROVEMENT OF DRAINAGE SCHEME LARKANA

The City of Larkana is blessed with sweet potable underground water, which is main source of water supply for the habitants. Thus unlike other cities it is suffering from only one of the twin menaces (i-e poor waste water Management) inflicting each and every major cities of the Sindh Province that are Water supply and sewerage. However Sewerage issue in Larkana has struck the inhabitants in its worst form and whole of the interior core of the city is crumbling under daily overflows from sewers and drains. Millions spent in KP1, KP2, KP3 on city roads have been wasted as the roads have been ruined very soon after the construction due to perpetual inundation from either sewage over flows or from poor disposal of rain water. In addition to this bad sanitary conditions city populace have been badly hurt and they are highly critical of the Govt. People are now being divided in disjointed Muhallas fighting with each other on issues of the over flowing sewerage trespassing their areas. M/S RCC Consultants have conducted city surveys of Larkana and concluded that Larkana has typical sewerage problems and the most predominating core issue is the fast deterioration of the underground sewers. Rehabilitation plan is intended to provide immediate but durable relief to the inner city of Larkana, which at present has complete collapsed drainage system. For this purpose following works are being proposed with the joint technical assistant of the Consultants. Viz;

- 1) Specially designed covered brick Nalas of about 35000 feet length running form center of city towards various existing disposal points at a total cost of about 56 million. These Nalas are to relieve load on main sewers within the city area.
- 2) Several open drains are proposed about 85000 feet in length which will dispose into the proposed Nalas through grit chamber junctions at over all cost of Rs: 21 million.
- 3) Rehabilitation and renovation of existing disposal works including pumping machinery, civil structure etc at cost of Rs: 4.5 million.
- 4) Pavement of streets after construction of the drains at cost of Rs. 3.0million.
- 5) An additional small lift station is proposed in Brohi Muhallah north of kosar mill area which has about 1000 homes that are all in depression and no recourse is available to them to dispose off their sewage except the proposed lift station at cost of Rs. 1.4 million only.
- 6) Stand by Power Generator/Petrol Engines of various capacities for attending to essential services in case of power failures at cost of Rs. 2.3 millions.

M/S RCC Consultants have designed inner core Larkana City drainage solution. The work is complete and problem of rain water and sewerage is solved in the areas served. The Sewer system adopted there is patent of M/s RCC Consultants under the name of BLIS (Brick Lined covered RCC Sewers)



REHABILITATION OF SEWERAGE SYSTEM & ROADS AT TALUKA QASIMABAD HYDERABAD

Qasimabad is growing vicinity of Hyderabad city. Keeping in view the growing demands of inhabitants of Qasimabad Sindh Government approved a special development package for the improvement of drainage system and roads.

M/S RCC Consultants were engaged to design this sewerage system and prepare all related documents for the project. RCC Consultants designed this project worth Rs: 361.0 Million. The work has started and is in progress.



25 years Master Plan for Sewerage/Drainage cum Storm Water Drainage, Water Supply and Solid Waste Management Plan of Qasimabad Hyderabad

Qasimabad is growing vicinity of Hyderabad city. Keeping in view the growing demands of inhabitants of Qasimabad Sindh Government approved a special development package for the improvement of drainage system and roads.

M/S RCC Consultants were engaged to design this sewerage system and prepare all related documents for the project. RCC Consultants designed this project. The work has started and is in progress.

Client: Hyderabad Development Package (HDP)

Completion: Design Phase (completed by May-2011)

Construction Phase (June 2013)

Location : Hyderabad



Canal Crossings for Rising Main to Northern Sewerage Treatment Ponds (PHASE-II) at Qasimabad Hyderabad

M/S RCC Consultants were engaged to design a sewerage system for Qasimabad and in that proposal a steel truss bridge was constructed supported on piles to cross three canals.

Project Cost: Rs. **56.34 Million**

Client: Hyderabad Development Package (HDP) through Govt of Sindh

Completion: **Design Phase (completed by May-2011)**

Construction Phase (complete by June 2013)

Location : Hyderabad



Improvement of Sewerage System & Re-conditioning of Existing Roads at Qasimabad Hyderabad (PHASE-I)

Project Cost: Rs. 316.0 Million

Completion: **Design Phase (completed by May-2011)**

Construction Phase (Completed June 2012

Location : Hyderabad

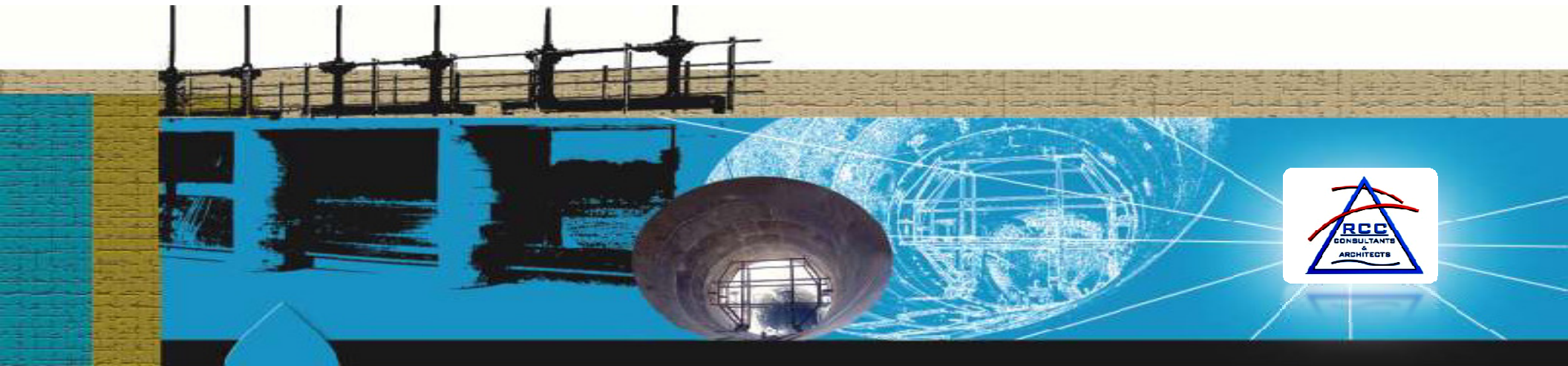


Pictures taken during laying of PE pipe at Qasimabad

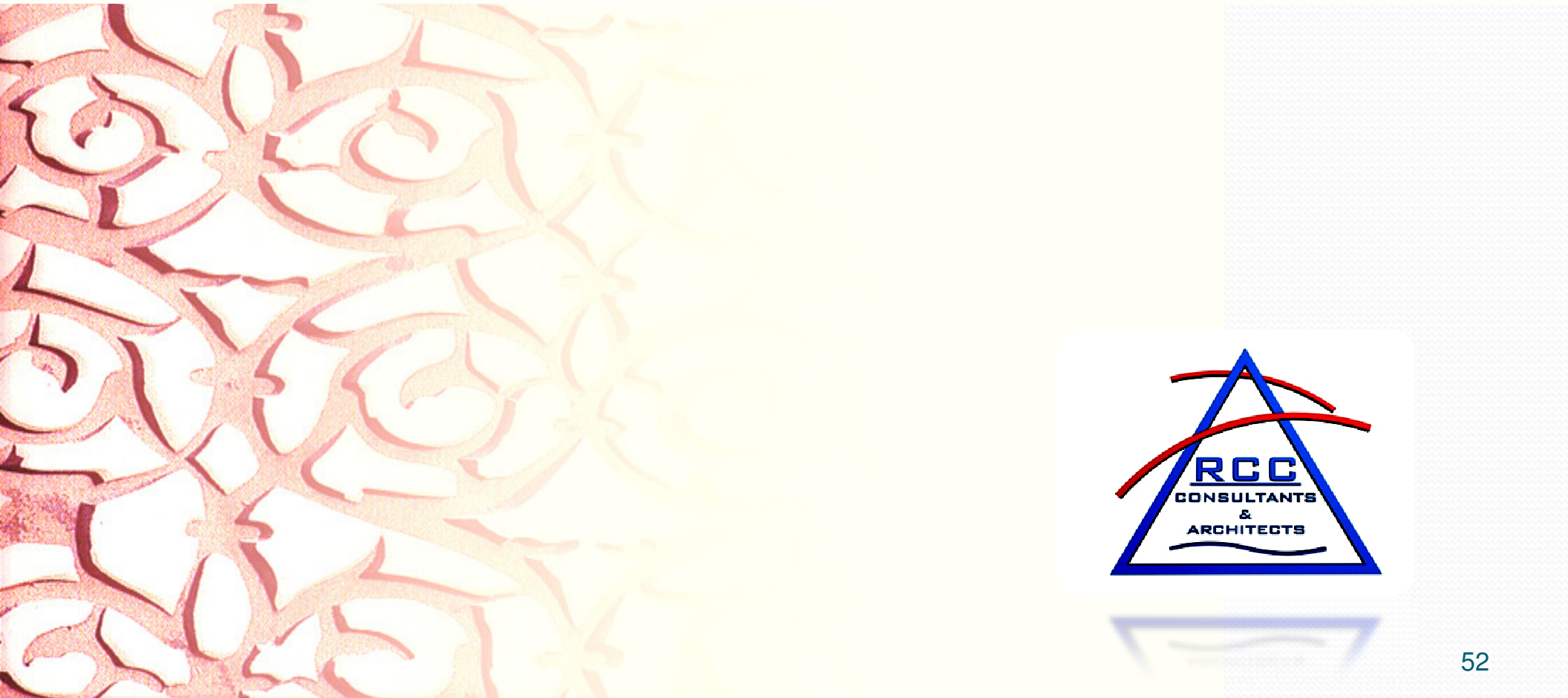


Client: Hyderabad
Development Package
Government of Sindh





WATER SUPPLY SECTOR



CONSULTANCY SERVICES FOR OPTIMAL APPROACHES, REVIEW AND FEASIBILITY STUDY ON WATER AVAILABILITY AT SUKKUR INTAKE

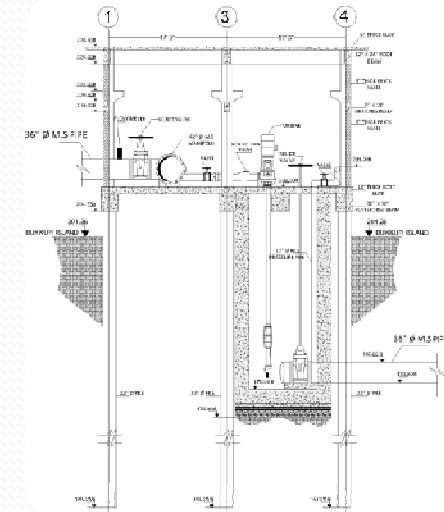
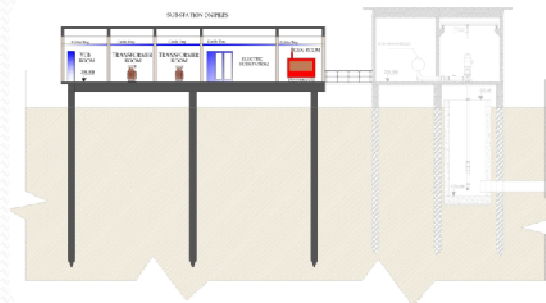
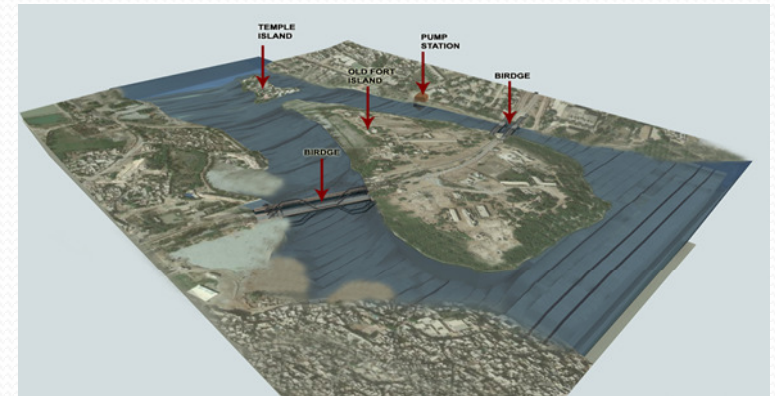
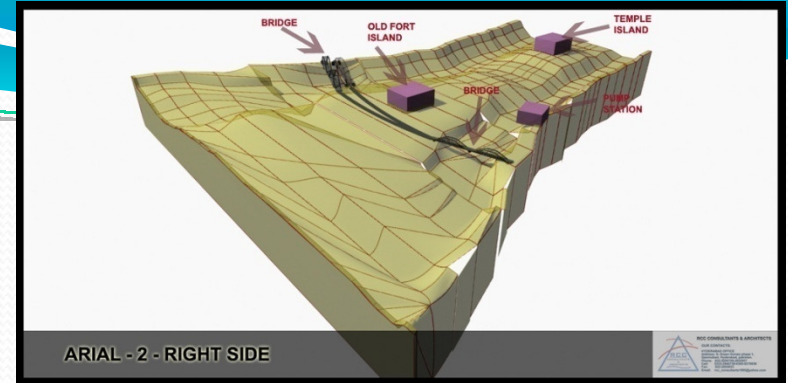
(ADB LOAN 2499-PAK)

Sukkur is a historical and economical hub of Sindh province in Pakistan. It is situated picturesquely along right bank of River Indus just upstream of Sukkur barrage. Indus water is the main source of drinking water for the entire city, Scarcity of drinking water thus is badly felt by the business community and prolong unavailability of water from river Indus during dry season invariably lead to very serious protests by the residents. Consultants are aware of the importance of this study and have from day one put in all the required resources to get this study completed in time.

Through pre-qualification M/s RCC Consultants were engaged to carry out this project. It was for the first time ever that all possible choices were evaluated analyzing 50 year Historical River Indus data, hydraulic model and scientific analysis and different Alternative Solutions. M/s RCC Consultants prepared and provided following;

- River Bed Profile with GPS co-ordinates,
- Contour Maps of the River Bed
- Water Sampling Tests for Turbidity, Microbiological, Chemical Analysis
- Gathering of 50 years Historical Data of River Indus which includes Maps, Flow Velocities, River Discharges, Gauge Reading, Silt Load, Canal Discharges, etc

- Provide following Reports
- Inception Report
- River Bed Study Report
- Water Quality Study Report
- Hydrology Investigation Report
- Hydrogeology Investigation Report
- Alternative Technical Analysis Report
- Alternative Cost Analysis Report
- Preliminary Design Report & Drawings
- Financial & Economic Feasibility Evaluation
- Detailed Engineering Design & Bid Documents
- IEE & EIA Report
- Assignment Report



Client: Asian Development Bank through NSUSC

Location : Sukkur

Project Cost: 4.48 million US\$

PREPARATION OF GARI KHAIRO WATER SUPPLY AND DISTRIBUTION NETWORK DESIGN & MASTER PLAN

Gari Khairo is a city with a population of approximately 30000 people, located in District Jacobabad, Sindh Province. The water supply station was built for a considerable small number of dwellers, approximately 30 years ago. It has been working until 3 – 4 years ago, when the maintenance stopped and its operation became unreliable. The treatment plant was managed by the Town Municipal Administration (TMA). The treatment plant completely stopped working following the floods. ICRC intended to involve a Consultancy firm who can prepare the Master Plan & Design of Water Supply system and distribution network.

Therefore M/s RCC Consultants were entrusted for this task. TMA are planning to run the project, once it is completed. ICRC intends to involve TMA in all stages of project including design.

M/s RCC Consultants prepared and provided following;

- 1 – Modelling of water supply system
- 2 – Inlet and Treatment Plant Design
- 3 – Distribution Network Design.

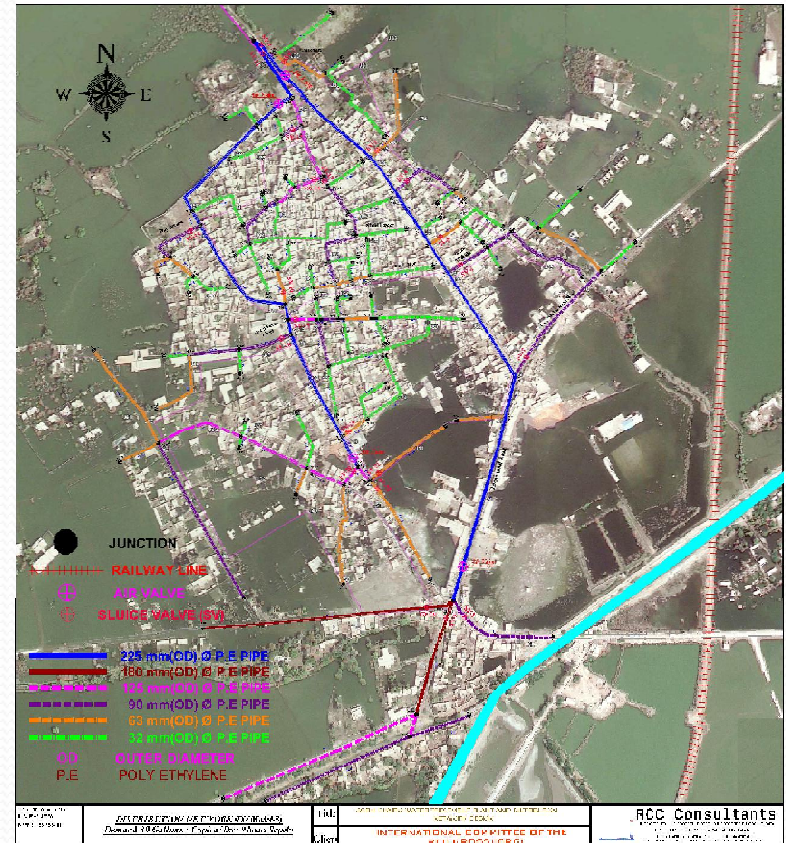
Consultants provided following

Prepared Master Plan of Water Supply and Distribution Network

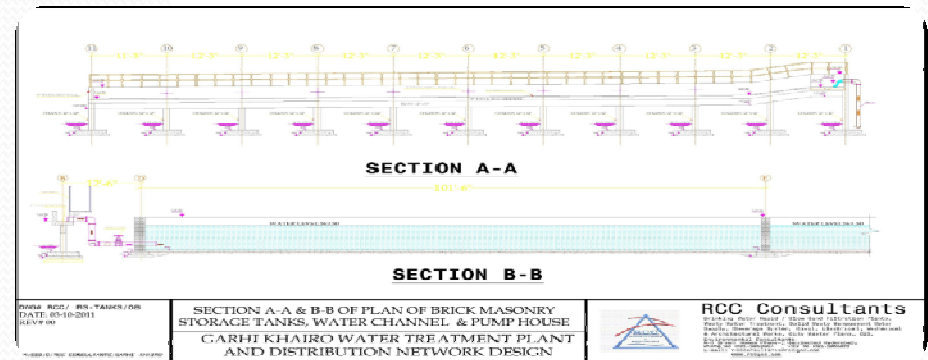
Topographic Plans

Design of Treatment Facilities (i.e Slow Sand Filtration Plant, Water Works, Canal Intake Works)

EPAnet Models (water supply design software) for various alternatives, Concise reports discussing basic and alternative model, BOQ, Structural Drawings, Specifications, Cost Analysis, O&M Manual.



Client:



Construction & Supervision of Reverse Osmosis (R.O) Plants including Construction of Generator Room, Guard Room, Lavatory Block, and Underground Tanks

The District Tharparkar & Umerkot are well known for their droughts and underground water is mostly saline. This project is conceived to provide Soft Drinking Water to the residents of 29 Villages namely Ali Muhammad Jokhio, Dongar Jut, Zero Point Arab Racho, Janhero Shareef, Vero Shareef, Jogi Marhi, Hayat Halepoto, Godhyar, Mubarak Rind, Taryano, Nanisar, Chelhar, Mithrio Bhatti, Saringhyar, Veenjhanhar, Jiando Dars, Khario Ghulam Shah, Janjihar, Bhunio, Mokhai Theba, Sobharo Sama, Dhaklo, Rohiraro, Bakho, Chatoon Ji Dhani, Bhada Sundo, Tugusae. In order to provide immediate solution for the scarcity of water in remote villages this project is launched which will work under District Administration after its completion. This will bring tangible as well as intangible benefits to local inhabitants of the area.

Consultants conducted Site surveys, soil sampling, and prepared concept plans, BOQ, Architectural & Structural Drawings with design, Specifications, and carried out evaluation of Technical & Financial Bid Proposals in light of PEC/SPPRA. Detailed Supervision on execution of project works at site is also being provided .

Project Cost: Rs. 36.0 Millions

**Client: Director General, Sindh Coal Authority
Govt. of Sindh**

Location District Tharparkar, Umerkot & Thatta



URBAN WATER SUPPLY SCHEME JACOBABAD DESIGN OF 6.6 MILLION GALLON INTAKE WORKS, FILTRATION AND DISTRIBUTION NETWORKS

The Project was conceived to produce 6.6 lacs gallons of filtered sweet water and to transmit free of any pollution to the doorsteps of citizens of Jacobabad town. The project will meet the water needs of population till 2013. Thereafter by making minor investment of Rs: 40 million @ today's rates) the filter plant can be upgraded to produce 8.0 of MG of water that will serve the pollution for additional 5 years beyond 2020. The project is already completed and commissioned by September 2008. The final project cost was about US\$ 20.0 million
M/S RCC Consultants prepared Jacobabad Water Supply Master Plan and produced following documents:

- PC-1
- Cost Estimate
- Tender Document
- Master Plans
- Survey Data
- Supervision of executed works on site



DESIGN, CONSTRUCTION DRAWINGS & SUPERVISION OF 6.6 MGD FILTER PLANT AT JACOBABAD

M/S RCC Consultants are now specialist consultants for designing and planning of Drinking water Filtration Plants of 1.0 MGD (million gallons per day) to 30 MGD.

Project Cost: Rs. 1250.0 Millions

Client: Public Health Engineering Department Government of Sindh

Completion: Start- Jun 06 Finish- Mar-08

Location Jacobabad, Sindh



JACOBABAD: March 08 – RCC Consultant, Shafi Mohammad Lakho briefs the President Pervez Musharraf about the project during the inauguration ceremony of the Urban Water Supply Scheme for the area. APP photo by Jahangir Khan



REHABILITATION & SUPERVISION OF 4.0 MGD FILTRATION PLANT AND DEVELOPMENT OF OTHER INFRASTRUCTURE AT S.I.Z NAWABSHAH

Intake works from Rohri Canal to provide 4.0 million gallon of water for the zone. The project includes transmission, pre-settlement, filtration and distribution. Allied waste water collection and treatment system was also tackled.

M/S RCC Consultants prepared Study Reports on Canal Water Intake works, Design Reports, BOQ, Drawings, Tender Documents & provided Detailed Supervision on execution of project works at site.

Project Cost: Rs. 11.0 Millions

Client: Sindh Industrial & Trading Estate Ltd Govt of Sindh

Completion: Start- July 06 Finish-Aug 10

Value of Services: 2% of total project cost

Location Nawabshah. Sindh



DESIGN, CONSTRUCTION DRAWINGS & SUPERVISION OF FILTRATION PLANT OF 5.0 MGD AT SINDH INDUSTRIAL TRADING ESTATE HYDERABAD

M/S RCC Consultants designed a 5.0 MGD rapid gravity filtration plant at SITE Hyderabad. The project is worth Rs: 478.0 Million. The construction work is in progress and supervised by M/S RCC Consultants.

Project Cost: Rs. 478.0 Millions

Client: Ministry of Industries Government of Sindh

Completion: Start-April 09 Finish-95% works completed

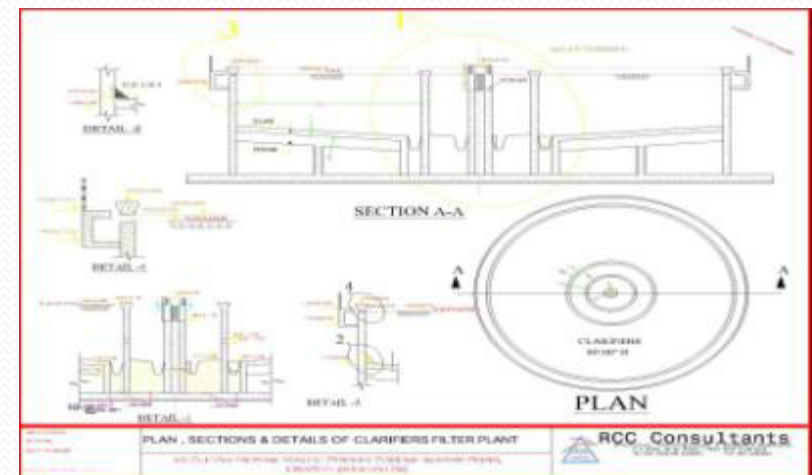
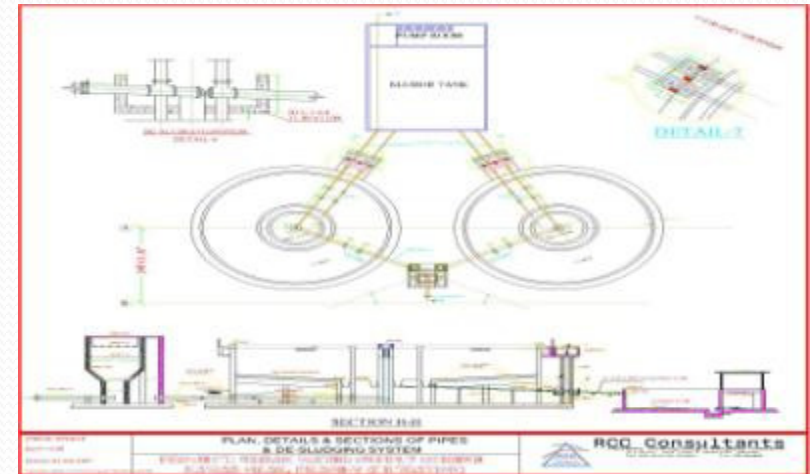
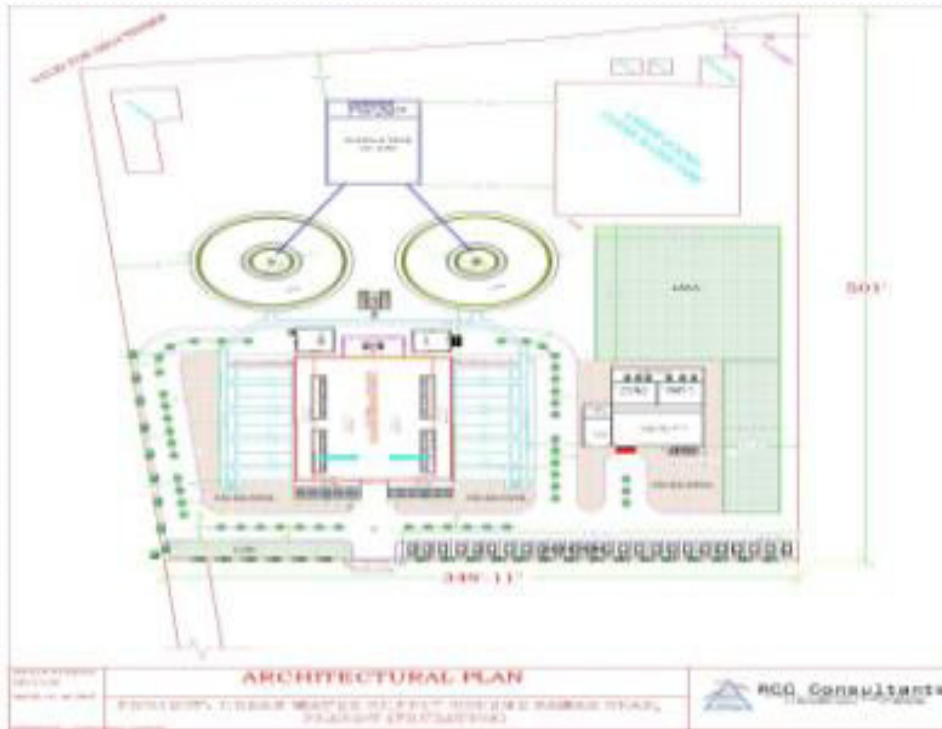
Location Hyderabad, Sindh



DESIGN & CONSTRUCTION DRAWINGS OF FILTRATION PLANT AT NAWABSHAH (PHED)

M/S RCC Consultants were engaged for the designing and planning of a 8.6 MGD Filtration Plant at Nawabshah. The project was funded by the Public Health Engineering Department.

Project Cost: Rs. 145.0 Millions
 Client: Public Health Engineering Department, Government of Sindh
 Completion: Start-Jan 08 Finish-Dec 08
 Location Nawabshah. Sindh



DESIGN & CONSTRUCTION DRAWINGS OF FILTRATION PLANT AT KOTRI

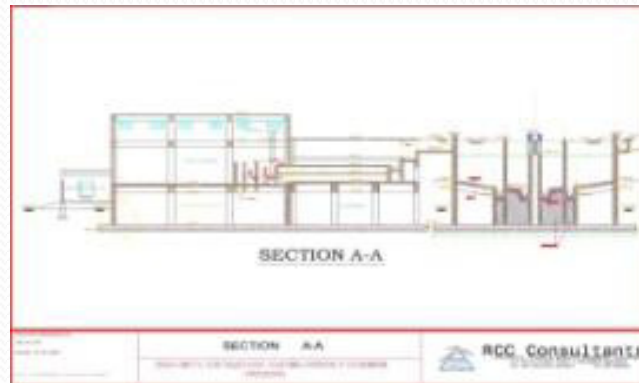
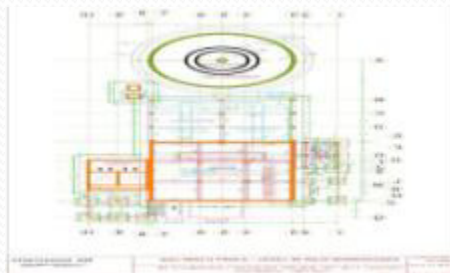
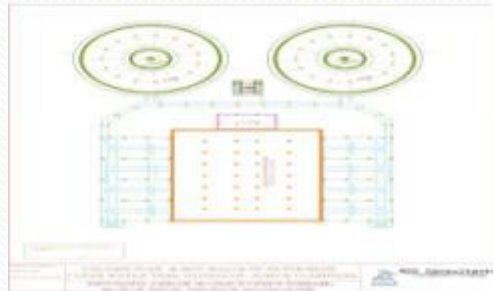
M/S RCC Consultants were awarded the contract for the designing and planning of a 1.7 MGD Filtration Plant at Kotri.

Project Cost: Rs. 10.0 Millions

Client: Public Health Engineering Department, Government of Sindh

Completion: Start-Feb 07 Finish-Aug 07

Location Kotri. Sindh



DESIGN & CONSTRUCTION DRAWINGS OF 3.92 MGD FILTRATION PLANT AT UMER KOT

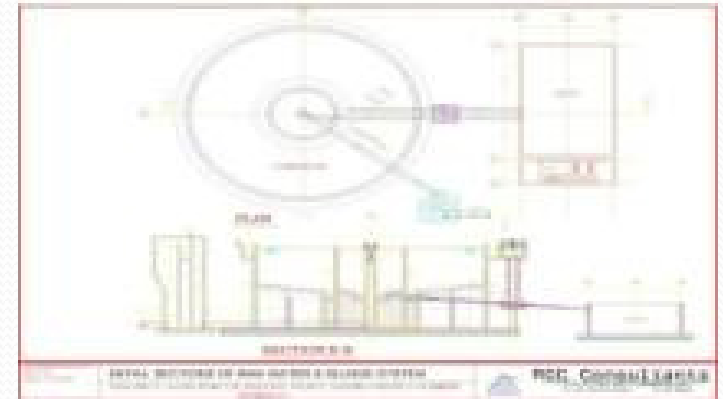
M/S RCC Consultants were engaged for the designing and planning of a 3.92 MGD Filtration Plant at Umerkot. The project was funded by the Public Health Engineering Department.

Project Cost: Rs. 45.0 Millions

Client: Public Health Engineering Department, Government of Sindh

Completion: Start-Mar 09 Finish-July 09

Location Umerkot, Sindh



REHABILITATION/IMPROVEMENT OF AMERICAN FILTRATION PLANT AT HYDERABAD

American Filtration Plant at Hyderabad was also rehabilitated under the supervision and consultancy services by M/S RCC Consultants. Plant capacity is about 5.0 MGD.

Project Cost: Rs. 120.0 Millions

Client: Hyderabad Development Authority

Completion: Start-June-07 Finish-April-08

Location Hyderabad. Sindh



REHABILITATION & SUPERVISION OF 2.5 MGD FILTRATION PLANT AT S.I.T.E KOTRI

Project Cost: Rs. 10.0 Millions

Client: Ministry of Industries,
Government of Sindh

Completion: Start-April 05 Finish-Dec 05

Location Kotri. Sindh



REHABILITATION OF 2.5 MGD FILTRATION PLANT AT KHAIRPUR

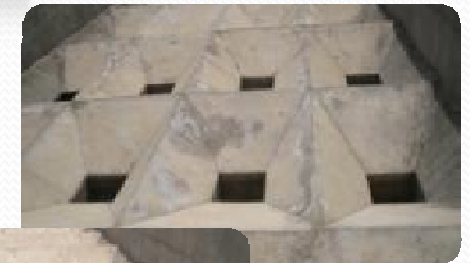
M/s RCC Consultants have proposed to ADB and Government of Sindh with comprehensive report and BOQ to complete the abandoned plant at cost 40.0 million.

Project Cost: Rs. 10.0 Millions

Client: Ministry of Industries, Government of Sindh

Completion: Start-Jan-07 Finish-Nov 07

Location Khairpur. Sindh



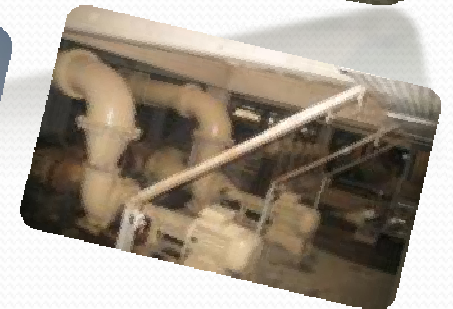
REHABILITATION/IMPROVEMENT OF CHINESE FILTRATION PLANT AT HYDERABAD

M/S RCC Consultants have gained recognition in rehabilitation of old Rapid Gravity Filtration Plants.



REHABILITATION/IMPROVEMENT OF GERMAN FILTRATION PLANT AT HYDERABAD

M/S RCC Consultants provided their services for rehabilitation of 5.0 MGD German Filtration Plant At Hyderabad



REHABILITATION OF INTERNAL ROAD, WATER SUPPLY DRAINAGE AND OTHER MODERN FACILITIES AND LIABILITIES OF KESC IN NEW SUBZI MANDI (SUPER HIGHWAY) KARACHI.

A rehabilitation program was carried out by Sindh Agricultural Extension. M/S RCC Consultants being the experts in rehabilitation works were awarded the contract to carry out this work. The project is worth Rs: 458 Million.

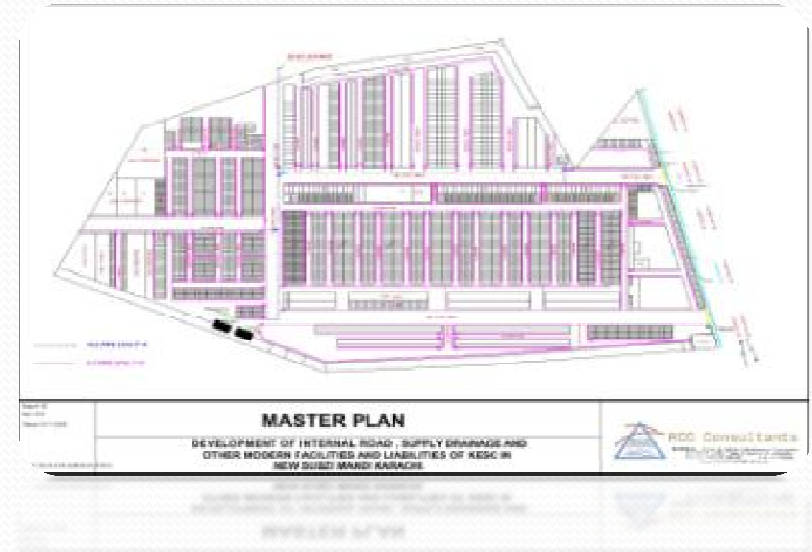
Project Cost: Rs. 458.0 Millions

Client: Agriculture Department, Government of Sindh

Completion: Start-May-2008 Finish-80% works completed

Value of Services: 2% of total project cost

Location: Super Highway Karachi. Sindh



Topographic Survey, Condition Survey, Preparation of Design & Drawings of Water Supply (Silt laden canal water intake study of 1.5 MGD capacity design, filtration plant, distribution network for 50,000 population of Bhit Shah) & Sewerage Systems i/c Ancillary Facilities (Buildings & Structural Works)

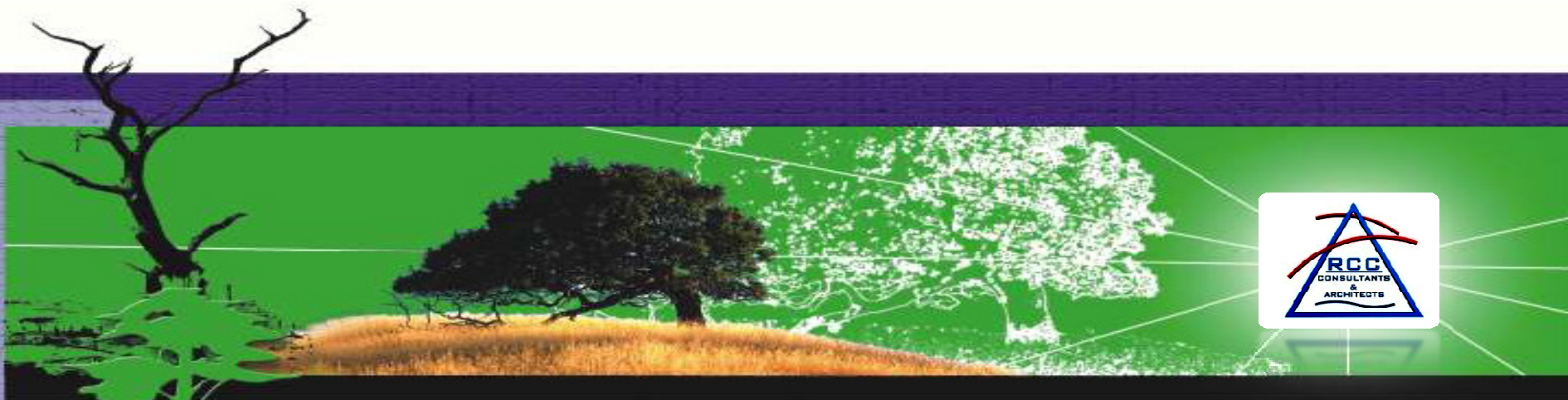


Bhitshah is a historical land mark of Sindh It is a resting place world famous poet Shah Abdul Latif Bhattai. This project was to provide and establish sweet drinking water system in Bhit Shah town including provision of house connections to about 3000 houses. The main reason of providing this system was to improve public health. At present all households were using underground water through hand pumps and through shallow tube wells which have since long turned into highly saline water with TDS ranging from 1000 ppm to 2000 ppm. The water is further contaminated from seepage of stagnant sewage into ground. The city has elaborate surface drain system. However it needed rehabilitation and expansion. Most of old surface drains in the town were retained but with some repairs and additional surface drains and covered Brick lined system (BLIS) were also provided as main trunk sewers. New waste water treatment Oxidation Ponds were established on a barren land spread on about 11 acres of land. The treated water would replace the untreated sewage water that was already being used for irrigation purposes.

M/S RCC Consultants were also engaged to propose beautification and Master plan for water supply, sewerage and road works and other infrastructure development works such as Schools, Colleges, Main Entrance gate, Karar lake up gradation and beautification.



Project Cost: Rs. 300.0 Millions
Client: Bhit Shah Development Project, Government of Sindh
Completion: Start-Mar 09 Finish-Aug -10
Location Bhit Shah, Sindh



AGRICULTURE SECTOR



DESIGN & SUPERVISION FOR ESTABLISHMENT OF NEW SUBZI MANDI ALONG NATIONAL HIGH WAY GAGHAR PHATAK KARACHI

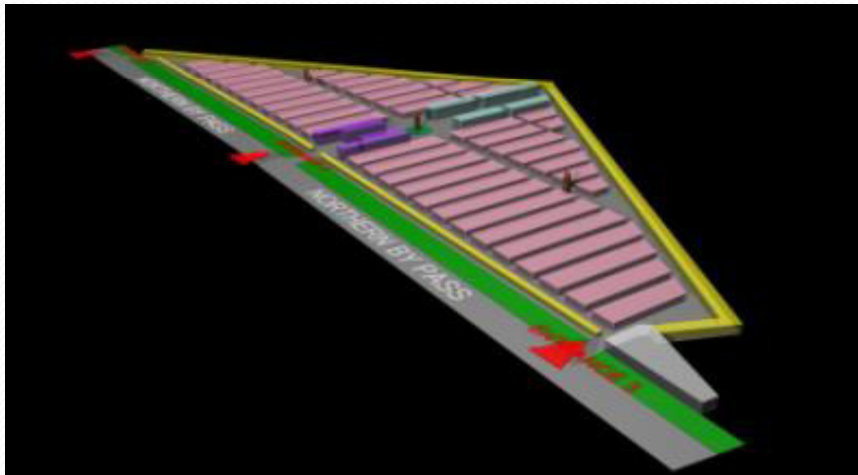
M/S RCC Consultants designed the Master Plan of project and all the utilities i.e roads, sewerage and electrification. The work is in progress under supervision of M/S RCC Consultants.

Project Cost: Rs. 2222.0 Millions

Client: Agriculture Department, Government of Sindh

Completion: Start-Mar-2008 Finish-35% works completed

Location: Gaghar phatak Karachi. Sindh



DESIGN & SUPERVISION FOR ESTABLISHMENT OF NEW SUBZI MANDI ALONG NORTHERN BY PASS KARACHI

M/S RCC Consultants were engaged for establishment of New Subzi Mandi along Northern Bypass, Karachi.

The project cost was estimated to be Rs: 1643 Million. M/S RCC Consultants designed the Master Plan of project and all the utilities i.e roads, water supply, sewerage and electrification along with Solid Waste Management System to convert waste into energy. The work is in progress under supervision of M/S RCC Consultants.

Project Cost: Rs. 1643.0 Millions

Client: Agriculture Department, Government of Sindh

Completion: Start-Mar-2008 Finish-30% works completed

Location: Northern Bypass Karachi. Sindh



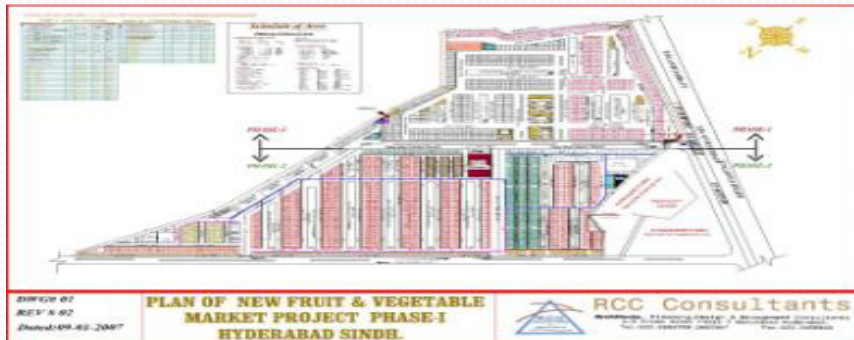
DESIGN & SUPERVISION FOR ESTABLISHMENT OF NEW FRUIT & VEGETABLE MARKET AT HALANAKA HYDERABAD

M/S RCC Consultants were engaged for establishment of New Subzi Mandi at Halanaka, Hyderabad
 The project cost was estimated to be Rs: 600 Million. M/S RCC Consultants designed the Master Plan of project and all the utilities i.e roads, sewerage and electrification. The work is in progress under supervision of M/S RCC Consultants.

Project Cost: Rs. 600.0 Millions

Client: Agriculture Department, Government of Sindh

Location: Halanaka Hyderabad. Sindh



DESIGN & SUPERVISION FOR ESTABLISHMENT OF MEAT, FISH, FRUIT, VEGETABLE & GRAIN NEW SUBZI MANDI AT QASIMABAD HYDERABAD

Project was awarded to M/S RCC Consultants for establishment of New Subzi Mandi at Qasimabad, Hyderabad.
 M/S RCC Consultants designed the Master Plan of project and all the utilities i.e roads, sewerage and electrification.
 The PC-I of the project was prepared amounting to Rs 548.22 Million. The shops were designed according to modern needs and architecture.

Project Cost: Rs. 548.22 Millions

Client: Agriculture Department, Government of Sindh

Completion: Start-Mar-2008 Finish-design planning completed by the consultants, execution delayed due to political reasons

Location: Qasimabad Hyderabad. Sindh



DESIGN & SUPERVISION OF CONTROLLED ATMOSPHERE COLD STORAGE

M/S RCC Consultants have designed the Modern Cold Storage Facilities at various locations in Sindh. Many projects have been completed and some are in progress for which construction work is supervised by M/S RCC Consultants.

Project Cost: Rs. 143.0 Millions

Client: Director General, Agriculture, Extension Sindh Hyderabad

Completion: Start-April- 2008 Finish-70% works completed

Location: Tando Allahyar,

Mirpurkhas &

Shahpur Jahania



DESIGN & SUPERVISION OF NEW FRUIT & VEGETABLE MARKET AT TANDO ALLAHYAR

This project was also awarded to M/S RCC Consultants for establishment of New Fruit & Vegetable Market at Tando Allahyar.

M/S RCC Consultants designed the Master Plan of project and all the utilities i.e Auction Plate Forms, roads, sewerage and electrification. The work is in progress under supervision of M/S RCC Consultants.

Project Cost: Rs. 450.0 Millions

Client: Agriculture Department, Government of Sindh

Completion: Start-June-2008 Finish-90% works completed

Location: Tando Allahyar. Sindh



DESIGN & PLANNING OF NEW KHAJOOR MANDI (DATES MARKET) AT KHAIRPUR

M/S RCC Consultants were engaged on request of Ministry of Agriculture Govt of Sindh to design & plan modern proposal for establishment of New Khajoor Mandi at Khairpur

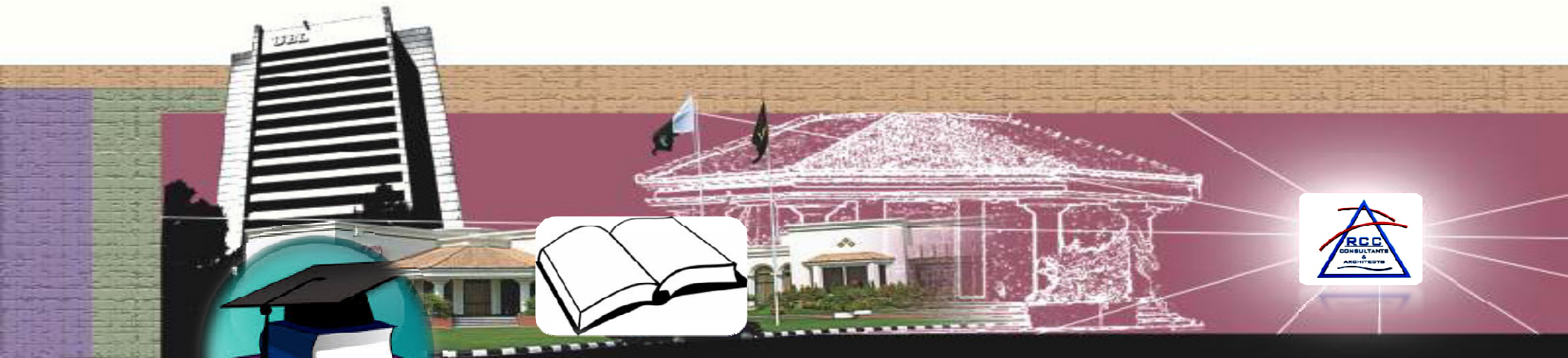
M/S RCC Consultants designed and planned the Master Plan of project and all the utilities i.e roads, sewerage and electrification.

The proposal is still in its approval phase. A Rough Cost Estimate was also prepared worth Rs: 680.15 Million.



Meetings held with Growers & Traders at Khairpur and RCC Consultants office





EDUCATION SECTOR



CONSTRUCTION SUPERVISION OF MEGA INFRASTRUCTURE PROJECTS IN MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY (MUET) JAMSHORO

Mehran University of Engineering & Technology is a premier and largest Engineering University. It is known for quality education and providing service to industry in many fields including construction.

M/S RCC Consultants have been awarded contract to provide detailed supervision services for their various infrastructure projects. These projects include construction of various Engineering Departments, Laboratories, Gymnasium, Administration block, Libraries, Landscaping works, Sewerage System, Water Supply.

Project Cost: Rs. 4.5 Billions

Client: Mehran University of Engineering & Technology, Jamshoro

Location: Jamshoro. Sindh



Administration Block MUET, Jamshoro



English Language Center MUET, Jamshoro



**Civil Engineering Dept
MUET, Jamshoro**

CONSTRUCTION SUPERVISION OF BOYS HIGH SCHOOL AT FATEHPUR DISTRICT RAJANPUR PUNJAB

Housing Foundation of Islamic Republic of Iran by the virtue of MoU dated 6th February 2012, for reconstruction of flood affected areas of the Pakistan between Islamic Republic of Iran and Government of Pakistan intended to construct High School at Fatehpur. M/s RCC Consultants were engaged to provide supervision services for this project at Fatehpur.

60% work has been completed

Client: Housing
Foundation of Islamic
Republic of Iran



Housing Foundation
of I.R.I.



Site testing for Quality Assurance

Design planning and supervision of Pre-engineered Steel Roof of 100ft x 150ft hall of Benazir Bhutto Shaheed Convention Center and Auditorium at University of Sindh, Jamshoro

M/S RCC Consultants being specialist in this field of structure design were awarded this assignment after being pre-qualified to design plan and supervise the work of pre-engineered steel truss roof for Convention Center and Auditorium providing a clear and free space of 100ft x 150ft.

Project Cost: Rs. 12.23 Million

Client: University of Sindh Jamshoro

Location : Jamshoro, Sindh



Design, Planning of Master Plan of University of Sindh (Main Campus at Jamshoro and newly established campuses)

M/s RCC Consultants were awarded the contract and were selected through a Quality based competition among country's 13 best consultancy firms. This project is still ongoing. The scope of work includes soil investigation, topographic survey of site, Schematic design phase and detailed Architectural and structural drawings, Electrical, Mechanical, Water Supply Systems, Sewerage and Storm water drainage system, BOQs, Bidding Documents etc



DESIGN, PLANNING & SUPERVISION OF CONSTRUCTION WORK FOR ISRA MEDICAL UNIVERSITY

This is first consultancy assignment carried out by M/S RCC Consultants when they were formally known as M/S Intelli Consultants. This is the modern and beautiful private Medical University in Hyderabad Sindh



CONSTRUCTION OF ADMIN BLOCK & GIRLS HOSTEL AT PUBLIC SCHOOL LATIFABAD NO.2

M/S RCC Consultants have produced this unique design; cavity wall structure with real brick façade. This work was carried by when RCC Consultants was formally known as M/s Intelli-consult



Project Cost: Rs. 80.0 Millions
Client: Education Department,
Government of Sindh
Location : Hyderabad, Sindh



Supervision of new construction of Civil Engineering, at Mehran University College of Engineering & Technology Khairpur Mirs

M/s RCC Consultants were entrusted to supervise the construction works of the new construction of Civil Engineering Department,

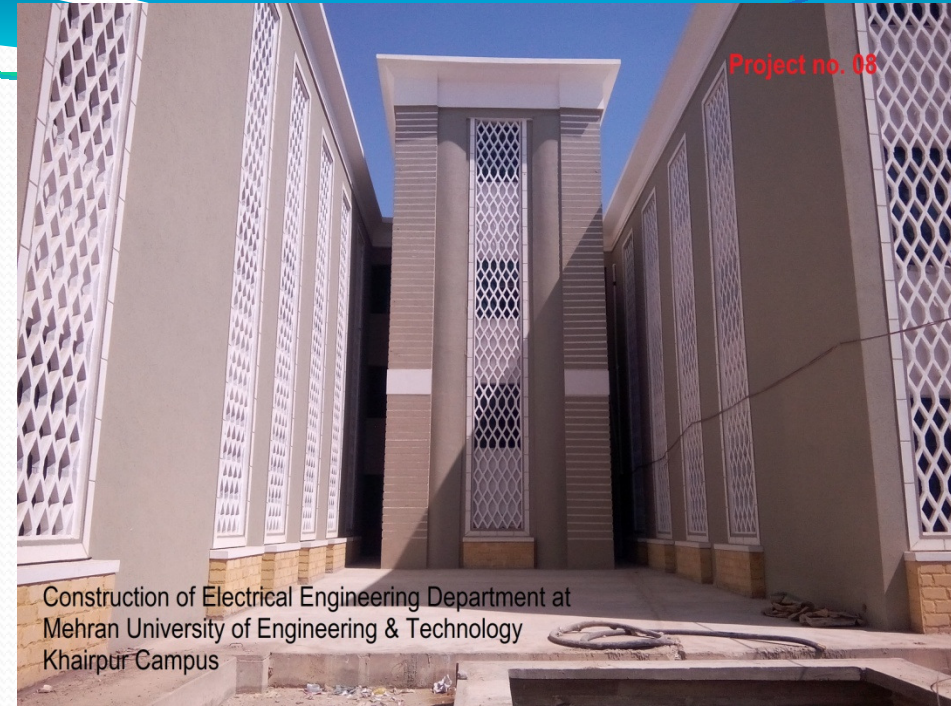
The scope of works included detailed site supervision, scrutiny of contractor running bills and claims, variation orders and checking of quantities and progress of contractor with respect to scheduled targets. Consultants are also responsible for approval of materials and fixtures to be used at site.



Supervision of new construction of P&G Engineering, & Electrical Engineering Department at Mehran University College of Engineering & Technology Khairpur Mirs

M/s RCC Consultants were entrusted to supervise the construction works of the new construction of P&G Engineering & Electrical Engineering Department .

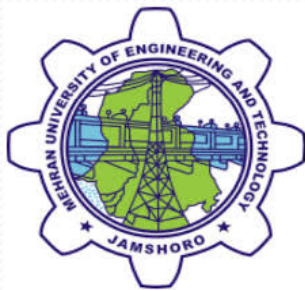
The scope of works included detailed site supervision, scrutiny of contractor running bills and claims, variation orders and checking of quantities and progress of contractor with respect to scheduled targets. Consultants are also responsible for approval of materials and fixtures to be used at site.



Supervision of new construction of Central Library and Cafeteria at Mehran University College of Engineering & Technology Khairpur Mirs

M/s RCC Consultants were entrusted to supervise the construction works of the new construction of Central Library & Cafeteria

The scope of works included detailed site supervision, scrutiny of contractor running bills and claims, variation orders and checking of quantities and progress of contractor with respect to scheduled targets. Consultants are also responsible for approval of materials and fixtures to be used at site.



CONSTRUCTION OF CAFETERIA AT MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY KHAIRPUR CAMPUS



Construction of Central Library at Mehran University of Engineering & Technology Khairpur Campus

DESIGN & PLANNING OF MEMON MEDICAL INSTITUTE OF HEALTH & SCIENCES

Memon Community in Hyderabad is very active and is seen always busy in philanthropist works. In addition to Memon city, Hyderabad they have planned a Medical university to accommodate 500 students near their city.

M/S RCC Consultants being specialist in this field were assigned this consultancy work. The project worth Rs: 500 Million is a Master Piece of architecture and planning. The presentation of this project have been aired on Dhoom Television Channel. The project will materialize as soon as the community collects sufficient funds.

Project Cost: Rs. 500.0 Million

Client: Chairman, Memon Medical Institute of Health & Science, Hyderabad

Location : Hyderabad, Sindh



DESIGN & SUPERVISION OF BOYS & GIRLS HOSTEL OF NATIONAL CENTER OF EXCELLENCE IN ANALYTICAL CHEMISTRY (NCEAC), UNIVERSITY OF SINDH JAMSHORO

Modern Boys and Girls hostels were designed and construction works supervised by M/S RCC Consultants.

Project Cost: Rs. 160.0 Millions

Client: University of Sindh, Jamshoro

Location: Jamshoro. Sindh

CONSTRUCTION MAKHDOM GHULAM HYDER HIGH SCHOOL AT HALA NEW DISTRICT MATIARI

Housing Foundation of Islamic Republic of Iran by the virtue of MoU dated 6th February 2012, for reconstruction of flood affected areas of the Pakistan between Islamic Republic of Iran and Government of Pakistan intended to construct High School at Hala New
M/s RCC Consultants were engaged to provide design and supervision services for this project at Hala New.

40% work has been completed

Client: Housing
Foundation of Islamic
Republic of Iran



**Housing Foundation
of I.R.I.**



DESIGN, PLANNING , SURVEY AND ESTIMATION FOR CONSTRUCTION OF HOSTEL FOR 50 STUDENTS AT BAHRIA FOUNDATION SCHOOL/COLLEGE JACOBABAD

The district government initiated this project for the benefit of people of Jacobabad. A Hostel Building was designed for 50 students including Mess Area, Common Toilets, Prayer Hall and other essential compartments.

Value of the Project : **Rs: 141.0 Millions**
Name of Client: **Works & Services Department**

Start date (month/year): **Feb 2010**
Completion date (month/year): **Dec-2010**

Project No. 18



Construction of Hostel for 50 Students at Bahria Foundation School/College Jacobabad

DESIGN, PLANNING , SURVEY AND ESTIMATION FOR CONSTRUCTION OF SUBHAN ALLAH MASJID NEAR ADMINISTRATION BUILDING, UNIVERSITY OF SINDH JAMSHORO

University of Sindh wanted to construct a Grand Masjid for all its employees. Presently there are separate prayer hall in each department but there is no grand masjid. For this RCC Consultants were awarded this work to design and plan this masjid



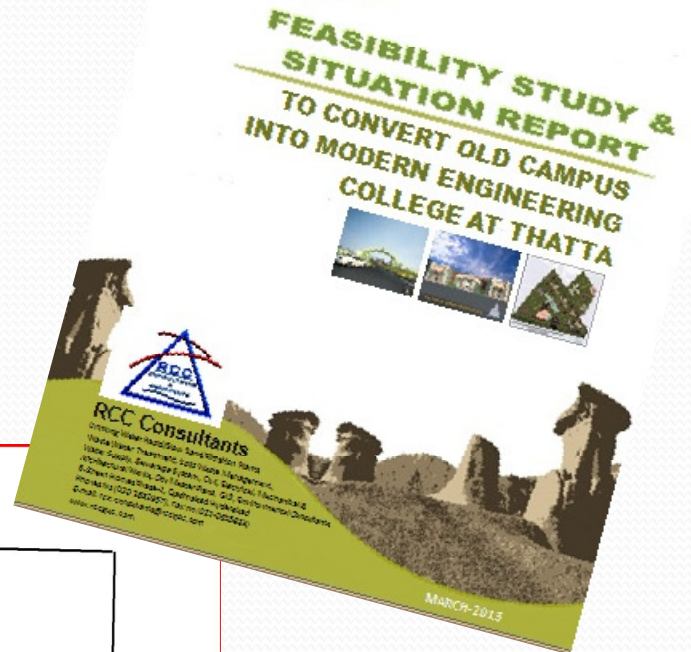
Value of the Project : **Rs: 11.67 Millions**
Name of Client: **University of Sindh Jamshoro**

Start date (month/year): **April 2016**
Completion date (month/year): **Dec-2017**



Feasibility Study and Preparation of Master Plan, Design, Planning and PC-I for establishment of Mehran University College of Engineering at Thatta

Mehran University of Engineering & Technology is contemplating to establish College of Engineering & Technology at Thatta. For this purpose an existing complex of Government Elementary College spread over about 5.5 acres of area is selected to convert the same into proposed engineering college. M/s RCC Consultants were entrusted to visit the site and start preparing Situation Report, Rehabilitation Proposal, Architectural Upgrading and Cost Estimates. As a first step a situation report and preliminary rehabilitation report is prepared.



UP-GRADATION OF MIDDLE TO HIGH SCHOOL



UP-GRADATION OF MIDDLE TO HIGH SCHOOL - 3D VIEW
Mrs: HAMIDA SHAHNAWAZ
EDUCATION WORK DIVISION - HYDERABAD



RCC CONSULTANTS & ARCHITECTS

OUR CONTACTS:

HYDERABAD OFFICE

Address: 6- Green Homes phase 1,

Qasimabad, Hyderabad, Pakistan.

Phone: 022-2650709-2652957

Cell: 0333-2846779-0300-9376936

Fax: 022-2655833

Email: rcc_consultants1995@yahoo.com





ROADS AND COMMUNICATION SECTOR



CONSTRUCTION OF 300 CEMENT CONCRETE ARTERIAL STREETS AND ROADS IN QASIMABAD, HYDERABAD

M/S RCC Consultants were requested by the government of Sindh to design plan and supervise the construction of long lasting and sustainable roads for Qasimabad town. As a result of that M/s RCC Consultants designed and supervised the Cement Concrete roads for town.

Project Cost: Rs. 500.0 Millions
Client: Hyderabad Development Package



After



Before



After



Before



After



Before



DETAILED SUPERVISION OF CONSTRUCTION OF ROADS AND CULVERTS AT S.I.T.E LTD. KARACHI

On recommendation of Works Committee M/s RCC Consultants were appointed as project consultants at a consultancy fee of 1.36% of total project cost as continuation of their services as consultants of S.I.Z Nawabshah.

This work which was highly appreciated by tenants was not possible to achieve with quality and speed at very competitive cost without direct guidance of honorable Chief Minister Sindh and Works Committee of Industrialist.

The roads in this scheme were constructed of RCC, CC and Asphalt. About 55 main and arterial roads were constructed in this scheme. Special efforts were made by Mr. Zubair Motiwala, Mr. Siraj Taili and Mr. Yunis Bashir who were instrumental in obtaining this grant from honorable Chief Minister Sindh who himself has always strived for betterment of Sindh Industries



Managing Director RCC Consultants receiving Medal of Performance from C M Sindh Syed Qaim Ali Shah



GOVERNMENT OF SINDH

SINDH INDUSTRIAL TRADING ESTATES (LTD)

S.I.T.E LTD. KARACHI
DEVELOPMENT WORKS FROM
CHIEF MINISTER GRANT OF
RS. 273.0 MILLION

COMPLETION REPORT



RCC CONSULTANTS

Drinking Water Rapid Slow Sand Filtration Plants, Waste Water Treatment, Solid Waste Management, Water Supply, Sewerage System, Civil, Electrical, Mechanical & Architectural Works, City Waste Plans, GIS, Environmental Consultants
Address: RCC Complex Ground Floor Main Road, Clasmabad Hyderabad
Phone No. +92-22-2652957, Fax no +92-22-2656533
Cell No. +92-22-2652942, E-mail: rcc_consultants@rcgpc.com
Web: www.rcgpc.com

DESIGN PLANNING OF UNDER PASS AT NASEEM NAGAR CHOWK QASIMABAD, HYDERABAD

M/S RCC Consultants were requested by the District Govt Hyderabad to propose and design Underpass at Naseem Nagar Hyderabad.

M/S RCC Consultants carried out detailed surveys of various aspects of the project, traffic volume surveys, Soil samples, Water Tables and available facilities at site.

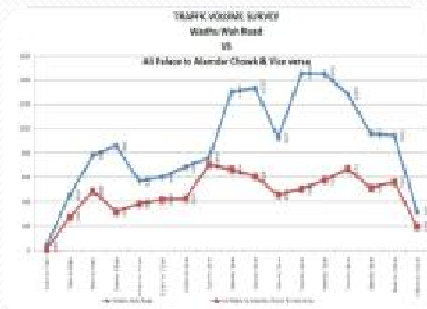
Keeping in view the gathered data RCC Consultants developed a proposal and based on that proposal Detailed Drawings, PC-I and Detailed Cost Estimates were prepared.

Project Cost: Rs. 150.0 Millions

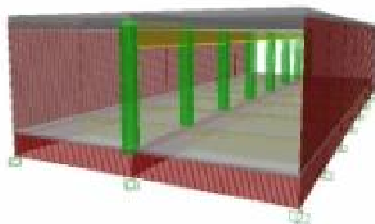
Client: Hyderabad Development Package

Completion: Start-Mar-10 Finish-July-10 (Design Planning Completed)

Location : Hyderabad, Sindh



Underpass at Naseem Nagar Chowk, Qasimabad Hyderabad





DESIGN & SUPERVISION OF MODERN BUST TERMINAL CUM SHOPPING CENTER

Ultra Modern Bus Terminal at Hyderabad with modern shopping mall has been designed by M/S RCC Consultants.

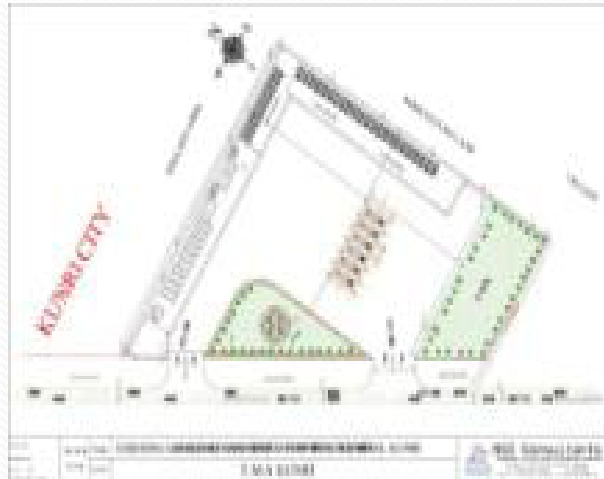
The project is based BOT basis. All tender documents, bids, pre-qualifications bidding documents have been prepared by the consultants.

Project Cost: Rs. 300.0 Millions

Client: District Government, Hyderabad

Completion: Start-Sept -05 Finish-Dec-05

Location : Hyderabad, Sindh



DESIGN & SUPERVISION OF BUS TERMINAL AT KUNRI

A modern spacious Bus Terminal was designed by M/S RCC Consultants to host the growing demands of the cities

Project Cost: Rs. 150.0 Millions

Client: Taluka Municipal Administration, District Government Kunri

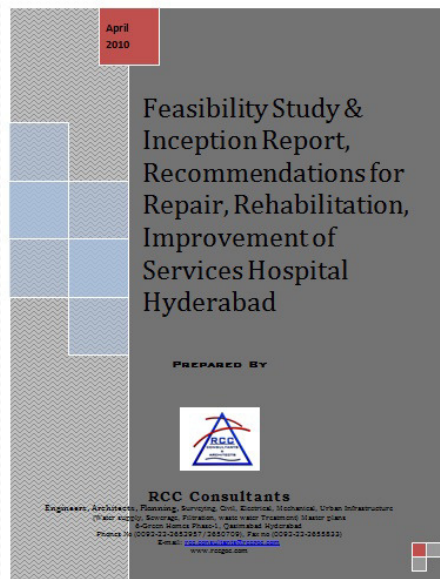
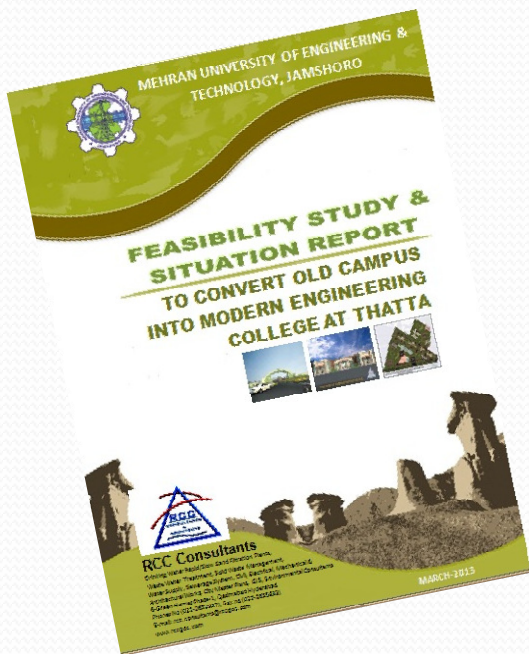
Completion: Start-Oct -07 Finish-Dec-07

Location : Kunri, Sindh



PREFEASIBILITY & FEASIBILITY STUDIES

RCC Consultants have been entrusted by national and international agencies to prepare and present Feasibility Studies based on Data Gathering, Data Analysis, Data Assessment, SOWT Analysis, Preliminary Engineering Design and Modeling of Data. We have also carried out Reconnaissance Studies, Preliminary Investigations, Development of Alternative Proposals, Outline Designs and Cost Estimates, Evaluation of Technical & Economic Feasibilities



PROJECT IMPLEMENTATION UNIT (PIU), HOUSING FOUNDATION OF ISLAMIC REPUBLIC OF IRAN

FEASIBILITY STUDY AND PRELIMINARY DESIGN & PLANNING FOR CONSTRUCTION OF 20 BEDDED MOTHER & CHILD HEALTH CARE CENTER AT GARHI KHUDA BUX BHUTTO, TALUKA RATODERO



PREPARED BY
M/s RCC CONSULTANTS



PROJECT IMPLEMENTATION UNIT (PIU), HOUSING FOUNDATION OF ISLAMIC REPUBLIC OF IRAN

CONSTRUCTION OF HIGH SCHOOL AT 60TH MUHAMMAD YUSUF FERDZWANI TALUKA KATI BANDER DISTRICT THATTA
FEASIBILITY STUDY

Prepared by:



RCC CONSULTANTS
Drinking Water Rapid/Sand Filtration Plants, Waste Water Treatment Plants, Solid Waste Management, Water Supply, Sewerage System, Civil, Electrical, Mechanical & Architectural Works, City Master Plans, GIS, Environmental Consultants, Green Homes Phase-1, Gasimabad Hyderabad
Phone No: (0092-22-2652957) Fax No: (0022-2652953)
E-mail: rcc_consultants@rcgoc.com
www.rcgoc.com



INTERNATIONAL COMMITTEE OF THE RED CROSS (ICRC)

FEASIBILITY STUDY & PRELIMINARY DESIGN REPORT

GARHI KHAIRO WATER TREATMENT PLANT & DISTRIBUTION NETWORK DESIGN

11TH OCTOBER 2011

PREPARED BY



RCC CONSULTANTS

Drinking Water Rapid/Sand Filtration Plants, Waste Water Treatment Plants, Solid Waste Management, Water Supply, Sewerage System, Civil, Electrical, Mechanical & Architectural Works, City Master Plans, GIS, Environmental Consultants, Green Homes Phase-1, Gasimabad Hyderabad
Phone No: (0092-22-2652957) Fax No: (0022-2652953)
E-mail: rcc_consultants@rcgoc.com
www.rcgoc.com

FEASIBILITY STUDY ON RAIN EMERGENCY IN QASIMABAD, HYDERABAD



REPORT PREPARED ON BEHALF OF
PD, HYDERABAD DEVELOPMENT PACKAGE

JUN-2010

Prepared by:



RCC Consultants

Drinking Water Rapid/Sand Filtration Plants, Waste Water Treatment, Solid Waste Management, Water Supply, Sewerage System, Civil, Electrical, Mechanical & Architectural Works, City Master Plans, GIS, Environmental Consultants, Green Homes Phase-1, Gasimabad Hyderabad
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Drinking Water Rapid/Slow Sand Filtration Plants, Waste Water Treatment, Solid Waste Management,
Water Supply, Sewerage System, Civil, Electrical, Mechanical & Architectural Works,
City Master Plans, GIS, Environmental Consultants

RCC Complex Ground Floor Main Road Qasimabad Hyderabad

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