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- Water Resources Planning, Drainage, Salinity Control and Land Reclamation, Dams and Barrages, Irrigation and Drainage Systems, Water Resources Development and Management, Flood Management and Forecasting/Warning Systems and Institutional and Social Development

- Power Transmission and Distribution, Substations, Hydropower, Thermal Power, Nuclear Power, Rural Electrification, Renewable Energy, Supervisory Control and Data Acquisition (SCADA) and Telecommunications, Oil and Gas


- Airport Terminal Buildings, Hangars, Runways, Taxiways and Air Traffic Control Towers

- Deep Seaports, Fish Harbours, Marine Terminals, Container Terminals, Inland River Navigation and Marine Jetties


- Seismic Hazard Microzonation, Disaster Risk Reduction and Management Studies and Trainings, Implementation Strategies, Policy Formulation, Residential Communities, Advocacy Planning, Preparation of Zoning Regulations and Bye-laws, Tourism Planning, Regeneration and Building Codes

- Water Supply, Sewerage, Stormwater Drainage, Solid Waste Management, Plumbing, Water and Wastewater Treatment

- Site Characterisation/Baseline Data for Environmental Impact Assessment, Environmental Risk Assessment, Environmental Planning and Management, Environmental Health and Safety, Air and Noise Pollution Control, Contaminated Site Assessment and Mitigation, Environmental Audit and Resettlement Action Plans

- Steel Mills, Automobile Plants, Cement Plants, Fertilizer Plants, Polyester Plants, Sugar Plants, Chemical Industrial Plants and Textile Units


We at NESPAK are committed to providing quality Design and Engineering Consultancy Services with professionalism and dedication to the complete satisfaction of our Clients. The quality of our services is sustained through enhancement of technical know-how and proficiency of our staff. We allocate adequate resources for project implementation and seek improvement through a continuous system of Monitoring and Evaluation.

Dr. Tahir Masood
President & Managing Director
NESPAK
Registrations

- Abu Dhabi Fund for Development
- Arab Bank for Economic Development in Africa
- Arab Fund for Economic and Social Development
- Asian Development Bank
- Canadian International Development Agency
- European Economic Community
- Federation of Consultants from Islamic Countries
- Food and Agriculture Organization
- International Development Association
- International Finance Corporation
- International Labour Organization
- Iraqi Fund for Foreign Development
- Islamic Development Bank
- Japan International Cooperation Agency
- Kuwait Fund for Arab Economic Development
- Overseas Development Administration
- The Saudi Fund for Development
- The World Bank
- United Nations Development Programme
- United Nations Industrial Development Organization
- United States Agency for International Development
- World Health Organization
- Association of Consulting Engineers Pakistan
- Pakistan Engineering Council, Islamabad
- The Lahore Chamber of Commerce and Industry
- Engineering Consultants Association of Pakistan
- Pakistan Institute of Management, Karachi
- National Centre of Technology Transfer, Technology Information Division, Islamabad

ISO Certification

In NESPAK, Quality Assurance is an area of high priority. The Company’s success lies in the hard work of its highly skilled employees and commitment to quality in every aspect of its operations. It was this commitment that led it to become the first engineering consultancy organisation in Pakistan to obtain ISO 9001 Quality Management System certification in 1998. Another milestone was achieved by NESPAK when it was issued the ISO 9001 Certificate at corporate level in 1999. The conversion of the ISO 9000 Quality Management System into the latest version of the Standard, viz, ISO 9001-2008 in December 2009 has put NESPAK Quality Management System on solid footings.
National Engineering Services Pakistan (Pvt.) Limited (NESPAK) is Pakistan’s premier engineering consultancy organisation. Its international stature is well established and the Company enjoys the reputation of being one of the top engineering consultancy organisations in the world.

NESPAK was founded in 1973 as a private limited company by the Government of Pakistan. The objectives of its establishment were to create a pool of talented engineers, attain self-reliance in engineering consultancy and minimise the need for foreign consultancy in the country’s engineering sector. The Company has achieved these objectives to a large extent.

NESPAK has evolved a flexible organisational structure suited to its specific needs. The affairs of the Company are guided by a Board of Directors including a Chairman, a full-time Managing Director and 10 Directors. The day-to-day functioning of the Company is looked after by the Managing Director, assisted by a Board of Management. Various divisions of the Company are broadly divided into the project management divisions and support divisions. Support divisions include the Business Development Division, Coordination Division, Finance Division, Human Resources Division and Overseas Division. The project management divisions are cost centres responsible for the management of projects from conception to implementation stage. They work within approved budgets and are required to earn profits. Following are the project management divisions and support divisions of the Company:

**Head Office, Lahore**

**Project Management Divisions**
- Architecture and Planning
- Building Services
- Construction Management
- Contracts
- Economic Studies
- Environmental and Public Health Engineering
- Geotechnical and Geoenvironmental Engineering
- Highways and Transportation Engineering
- Monitoring and Quality Control
- Power and Mechanical
- Structural Engineering
- Water and Agriculture

**Support Divisions**
- Business Development
- Coordination
- Finance
- Human Resources
- Overseas Division

**Regional Office, Karachi**
- Airports, Seaports and Industrial
- Architecture and Planning
- Infrastructure

**Islamabad Office**
- Architecture and Planning
- Civil Engineering
- Regional/Coordination

**Disaster Management and Reconstruction Division, Islamabad**
- Disaster Management Studies
- Disaster Risk Reduction
- Seismic Safe Structures

**Regional Office, Peshawar**
- Construction Management
- Coordination

**Regional Office, Quetta**
- Coordination

**Overseas Offices**

Besides operating in Pakistan, NESPAK has established its offices in the Kingdom of Saudi Arabia, Sultanate of Oman, State of Qatar and the Islamic Republic of Afghanistan, which are responsible for business promotion and project management in their respective areas. In all other countries, the business promotion and project management is handled by NESPAK offices in Pakistan.

**Quality Management System**

Each project management division is responsible for the quality of work being produced by it. Quality control is achieved by standardisation of work procedures and internal performance reviews. Excellence in quality and professional output is ensured through a well-defined Quality Management System (QMS).
Board of Directors

- Secretary, Power Division, Ministry of Energy, Government of Pakistan
  Chairman

- Managing Director, NESPAK
  Member

- Chairman, National Highways Authority, Islamabad
  Member

- Additional Secretary (CF), Ministry of Finance, Government of Pakistan
  Member

- Additional Secretary (II), Power Division, Ministry of Energy
  Member

- Chairman, Planning & Development Board, Government of Punjab
  Member

- Additional Chief Secretary (Development), Government of Sindh
  Member

- Additional Chief Secretary (Development), Government of Khyber Pakhtunkhwa
  Member

- Additional Chief Secretary (Development), Government of Balochistan
  Member

- Mr. Naeemuddin Khan, President & CEO, The Bank of Punjab
  Independent Member

- Mr. Muhammad Irfan Akram, Ex-Vice President Customer Care, Mobilink
  Independent Member

- Mr. Muhammad Nawaz Kasuri, Barrister-at-Law
  Independent Member
Organisation Chart

BOARD OF DIRECTORS

MANAGING DIRECTOR

BOARD OF MANAGEMENT

LOCAL OFFICES

LAHORE (Head Office)

KARACHI

ISLAMABAD

PESHAWAR

QUETTA

OVERSEAS DIVISION/OFFICES

AFGHANISTAN

OMAN

QATAR

SAUDI ARABIA

PROJECT MANAGEMENT DIVISIONS

ARCHITECTURE & PLANNING DIVISION KARACHI

ARCHITECTURE & PLANNING DIVISION LAHORE

BUILDING SERVICES DIVISION

CONTRACTS DIVISION

CONSTRUCTION MANAGEMENT DIVISION

DISASTER MANAGEMENT & RECONSTRUCTION DIVISION

ECONOMIC STUDIES DIVISION

ENVIRONMENTAL & PUBLIC HEALTH ENGINEERING DIVISION

GEOTECHNICAL & GEENVIRONMENTAL ENGINEERING DIVISION

HIGHWAYS & TRANSPORTATION ENGINEERING DIVISION

MONITORING & QUALITY CONTROL DIVISION

POWER & MECHANICAL DIVISION

STRUCTURAL ENGINEERING DIVISION

WATER & AGRICULTURE DIVISION

SUPPORT DIVISIONS

BUSINESS DEVELOPMENT DIVISION

COORDINATION DIVISION

FINANCE DIVISION

HUMAN RESOURCES DIVISION
Globalisation is the buzzword in the modern times. Going global has become a prerequisite for development as the world is getting smaller with each passing day. National Engineering Services Pakistan (NESPAK) believes in exploring new avenues as it has been a dynamic and action-oriented organisation since its very inception in 1973. Once it stood on its own feet in Pakistan and earned the top position among the engineering consultancy organisations in the country, it looked forward to greener pastures overseas for fresh business and growth. It came out of the comfort zone and started making efforts to secure jobs in the foreign lands. NESPAK endeavours bore fruit and the Company ventured into overseas business by acquiring a project titled Soba, Saminaka & Zonkwa Dams Water Supply Schemes in the Federal Republic of Nigeria in 1974.

Encouraged by the positive response it received from Clients in the international market, the Company set up its Regional Office in Muscat, the capital of the Sultanate of Oman, in 1980 and won Miscellaneous Jobs in Muscat Project. This followed the gradual opening of the Company’s Regional Offices and the launching of many projects in various countries during the succeeding years.

Currently, NESPAK’s Regional Offices in the Islamic Republic of Afghanistan, Sultanate of Oman, State of Qatar and the Kingdom of Saudi Arabia are contributing significantly to the growth and development of these countries in multifarious engineering projects and earning good name for Pakistan and NESPAK itself.

To manage the growing business operations abroad, NESPAK established an Overseas Division in 1977, which over the years, has become a key division and helps generate handsome revenue for the Company.

In a highly competitive international market, acquiring business is a gigantic task, but with dedication, commitment and invigorated participation of the staff, NESPAK has been able to increase its business abroad.

In addition to the jobs undertaken by its Regional Offices, certain projects in the Kingdom of Jordan and Gabon are being operated by the NESPAK professionals with distinction. Concerted efforts are also being made to explore business in Middle Eastern and African countries amid the global economy hit hard by the Corona Virus Pandemic.

NESPAK has provided services for the overseas projects ranging from school and college buildings to dams and power projects in various foreign countries, making the best use of the knowledge and skills demonstrated by its unrivalled professionals. The Company has won and carried out many mega projects overseas which is a solid proof of NESPAK’s outstanding performance overseas.

To date, NESPAK has undertaken almost 560 projects costing US$ 48 billion in 38 foreign countries i.e., Afghanistan, Azerbaijan, Bahrain, Bangladesh, Benin, Cameroon, Chad, Comoros Island, Dominica, Ethiopia, Gabon, Gambia, Ghana, Guinea, Iraq, Iran, Jordan, Kazakhstan, Kyrgyzstan, Libya, Nepal, Nigeria, Oman, Qatar, Saudi Arabia, Senegal, Sierra Leone, Somalia, Sudan, Syria, Tajikistan, Tanzania, Thailand, Turkey.
Turkmenistan, Uzbekistan, the United Arab Emirates and Yemen. Out of these, 534 projects have been completed while 26 are in progress.

NESPAK is vigorously pursuing the policy to win projects abroad. For this purpose, all the foreign regional offices have boosted their efforts to secure more business and maintain the trust of the Clients. In this regard, visits by the top-level management professionals to the overseas offices and meetings with potential clients and ambassadors of the respective countries aimed at seeking new projects are arranged from time to time.

NESPAK is well recognised on the international level and it has attained the reputation of being one of the topmost consultancy organisations of the world. It has been placed on the approved panel of consultants with over 17 international aid-giving agencies. NESPAK has carried out several projects for various donor agencies including the World Bank, Asian Development Bank, Islamic Development Bank, Canadian International Development Agency, Kuwait Fund for Arab Economic Development, United Nations Food and Agriculture Organisation, United Nations Development Programme etc.

Recently, NESPAK has won accolades by earning an international ranking. NESPAK has been ranked in the year 2020 on the ENR Magazine Top International/Global Construction Management/Program Management Firms list published in the August 17/24 issue of the Engineering New-Record (ENR), a US-based weekly magazine. NESPAK has been ranked 13th among the top 20 non-US firms in total global construction management and program management. In this regard, a message has been communicated to the NESPAK management with a congratulatory note.

NESPAK is extremely passionate to meet the expectations of overseas Clients through available skills and technical experience, expertise, technology base, most appropriate design solutions and project management in various fields. The goal of NESPAK overseas is to become a global enterprise, delivering results through experience, commitment and determination.

NESPAK’s future vision is based on its unflinching faith in the Almighty and unwavering commitment to growth and development as an independent organisation to make full use of opportunities and face challenges in the fast changing world.

DR. TAHIR MASOOD
Managing Director & President
NESPAK has attained remarkable achievements overseas on the basis of its invaluable experience and technological expertise in the sectors of Communication, Architecture & Planning, Environmental & Public Health Engineering, Water Resources Development & Dam Engineering and Energy. Following is an overview of the Company’s performance in the foreign countries during the last 47 years.

Communication Sector

NESPAK has been the forerunner among the consultancy firms of Pakistan in the Communication Sector since its inception in 1973. It has been providing comprehensive, efficient and effective consultancy services to its clients at home and abroad in this sector. The Communication Sector comprises Highways & Transportation Engineering, Airports and Seaports & Harbours.

Highways and Transportation Engineering

Highways and Transportation Engineering keeps the wheel of development moving as it serves as the engine for the economy of a country. NESPAK has carried out a number of prestigious projects in this field at home and abroad.

NESPAK employs 1030 highly qualified transportation & highway specialists, engineers, surveyors and technicians. The capabilities and experiences offered by NESPAK’s Highways and Transportation Engineering professionals are unrivalled by any other consultancy in Pakistan. NESPAK won accolades for showing top class performance on mega road projects both in Pakistan and foreign countries. The Company has come a long way by undertaking a record 168 highway projects costing US$ 5 billion in the Highways and Transportation Engineering field in Afghanistan, Bahrain, Bangladesh, Benin, Dominicna, Kazakhstan, Malaysia, Nigeria, Oman, Saudi Arabia and the United Arab Emirates.

Some of the major projects carried out by NESPAK in the foreign countries include Roads in Khasab, Dibah & Madha Areas of Musandam Province, Sohar-Buraimi Road, Batinah Highway and Al-Batinah Coastal Road in the Sultanate of Oman, Balghazi Road Project – Jazan Region, Roads in Madinah Al-Munawwarah and Shaqrah Road Project, Riyadh in Saudi Arabia, and Kabul-Torkham-Jalalabad Road in Afghanistan.

Airports

NESPAK has the distinction of being the largest consulting firm in Pakistan to have successfully undertaken major international airport projects. The Company has developed complete expertise to plan and design terminal buildings, runway systems, airfield lighting, telecommunication system and all other vital components and infrastructure facilities of a modern airport. NESPAK has set up a specialty division in this sector comprising highly qualified and experienced planners, architects and engineers. Designers at NESPAK lay great emphasis on functionality and state-of-the-art systems to provide high-level services for airport users.

NESPAK rendered consultancy services for 11 major airport projects overseas including the Development of Seeb and Salalah Airport Projects in the Sultanate of Oman and Madain Saleh & Qurayyat Airport projects in Saudi Arabia. The cumulative cost of these projects is US$ 1 billion. NESPAK has total staff of 40 professionals for airport-related projects.

Seaports and Harbours

NESPAK has acquired extensive experience and offers a brilliant record in all aspects of ports, harbours and other maritime engineering consultancy services. The Company’s expertise now covers all phases of development of new ports/harbours, waterways and the improvement/rehabilitation of the existing ones. The Company has carried out six (6) projects overseas including the Mokha Port Development Programme and Al-Saleef Port Silos Project in the Republic of Yemen. NESPAK has 42 professionals working on projects related to seaports and harbours.

Architecture and Planning Sector

No building is complete unless it has a soul behind it. It is not only the concrete, steel and glass which constitute a building rather it is the skill, expertise and intelligence that convert the material into a living structure. Architects, Town Planners and Architectural Engineers associated with NESPAK have been making efforts to instill soul in the building projects. NESPAK has put the best brains together who have carved a niche for the Company through their dedication, commitment and hard work.

Starting with a small bunch of architects in 1973, the Architecture & Planning Sector at NESPAK has come of age with the establishment of two full-fledged Architecture and Planning Divisions at Lahore and Karachi offices. An A&P Section is also handling architectural projects at Islamabad Office. As many as 1050 well-experienced, highly skilled and creative personnel are serving NESPAK’s Architecture and Planning Divisions.

NESPAK depends on the in-house development and expansion by establishing new departments and institutions within the organisation. The Company established a Design Office in the State of Qatar for the exploration of business opportunities.
To date, NESPAK has secured 140 projects worth US$ 2.7 billion in the Architecture and Planning Sector abroad. These jobs were undertaken in Afghanistan, Bahrain, Guinea, Iran, Nepal, Nigeria, Oman, Qatar, Saudi Arabia, Sierra Leone, Tajikistan, Thailand, United Arab Emirates and Yemen.

Major overseas projects in the Architecture & Planning Sector handled by NESPAK include New Township Al-Wathba and ETISALAT’s Buildings Abu Dhabi in the United Arab Emirates, Pension Directorate Building, Saudi German Hospital, and Three Mosques for King Khalid Military City (KKMC) & Services for KKMC Housing Project in Saudi Arabia, Low Cost Housing Scheme in the Sultanate of Oman, Ahmed Bin Mohammed Military College, Al-Sadd Sports Club and Al-Legtaifiya Lagoon in the State of Qatar, and Rehman Baba School & Jinnah Hospital, Kabul in the Islamic Republic of Afghanistan.

Environmental and Public Health Engineering Sector

Making earth a better place to live has always been man’s long-cherished dream, but realising this dream is a difficult task. In the modern times, growing environmental hazards have assumed enormous proportions all over the world. The significance attached to the environmental issues is greatly felt as environment protection laws in foreign countries and Pakistan require the assessment of every industrial and development project to fulfill environmental safety criteria.

Keeping this scenario in view, NESPAK is contributing towards the goal of improving environment by offering innovative, cost-effective, quality-conscious and practical solutions, meeting international standards.

NESPAK is rendering environment-related services i.e., the Initial Environmental Examination (IEE), Environmental Impact Assessment (EIA) and the Resettlement Action Plan (RAP) on the projects related to roads, airports, water supply, sewage treatment plants, solid waste management, urban development schemes/building, sustainable development/general environmental studies, process & manufacturing industries and their Health Safety Environment (HSE) audits and Clean Development Mechanism (CDM).

NESPAK also deals with the IEE, EIA and RAP of the projects related to dams, rivers, reservoirs, hydro schemes, irrigation & drainage, power plants, grid stations, electric transmission lines, oil & gas sector, ports & harbours, mining & minerals and buildings.

As many as 250 NESPAK professionals and para professionals including 50 environmental engineers and environmental scientists fully equipped with technical knowledge and skills are providing consulting services in the Environmental and Public Health Engineering sector.

NESPAK professionals are fully conversant with modern design technologies in the Environmental & Public Health Engineering Sector. They have the capability to transform these technologies according to the socio-economic conditions of the country.

The Company possesses adequate computer hardware and software facilities, having Mike Urban, Cybernet and WATER/WATIN Computer Software for the design of water supply distribution and sewage networks. STORMCAD software developed by the Hasted Methods is being used for the design of Stormwater Drainage System.

NESPAK has earned good reputation in the Environmental and Public Health Engineering Sector by undertaking projects in Pakistan as well as foreign countries. NESPAK has undertaken a total of 78 projects, costing US$ 11 billion in Afghanistan, Ghana, Iran, Nigeria, Oman, Saudi Arabia, Sudan, Syria, Tanzania and the United Arab Emirates.


Water and Agricultural Development and Dam Engineering Sector

Water is not only basic to life but also crucial to the development and progress of any country. With the ever-increasing population in the world in general and Pakistan in particular, per capita water availability is decreasing. According to a World Bank estimate, almost 3.5 billion people will live in water scarce or water stressed areas by 2025. The world’s poorest countries and the poorest communities within them are the most vulnerable to inadequate management of water resources.

Being alive to all the problems and issues in the Water Sector, NESPAK has always acted responsibly by providing consultancy services which are second to none both in Pakistan and abroad.

NESPAK has a 47-year valuable experience in the Water Resources Development and Dam Engineering Sector and is quite capable of rendering a vast range of services in all fields related to this sector.
NESPAK also enjoys the privilege of being invited by the Government of Pakistan to serve the national cause by imparting its valuable counselling and expert advice on the controversial water projects i.e., Kishanganga Dam, Wullar Barrage, Tullbull Navigation Project, Baglihar Hydroelectric Project between India and Pakistan.

More than 921 personnel including water resource planners & engineers, hydrologists, dam engineers, geotechnical engineers, agriculture specialists, geologists, irrigation & drainage experts, hydro-geologists, hydraulic engineers, soil & water quality scientists, flood management specialists, environmentalists, institutional development experts, sociologists, economists, construction supervision specialists and contract managers are providing services for the Water Resources Development and Dam Engineering Sector within Pakistan and abroad.

It is the global recognition of NESPAK's brilliant track-record that it secured one project after another in the foreign countries.

NESPAK has undertaken a total of 81 projects costing US$ 7 billion in the Water & Agricultural Development & Dam Engineering Sector in various countries i.e., Afghanistan, Azerbaijan, Bangladesh, Benin, Chad, Ethiopia, Iran, Iraq, Jordan, Nepal, Nigeria, Oman, Qatar, Saudi Arabia, Senegal, Somalia, Syria, United Arab Emirates and Yemen.

NESPAK undertook many important projects in the Water Resources Development abroad such as the Irrigation & Drainage System for Rice Project in Gambella, Ethiopia, Alborz Integrated Water Resources & Environment Management Project and Siestan River Flood Works Rehabilitation Project in Iran, Euphrates East Drain Project and Zubair Irrigation Project in Iraq, and Wadi Siham Project, and Wadi Al-Jawf Agricultural Development Project in Yemen, On-Farm Water Management and the Ganges Barrage Project in Bangladesh.

In the Dam Engineering Sector, NESPAK provided services for the Wadi Dayqah Dam and Water Supply Scheme in Oman, Dams in Western and Southern Parts of Saudi Arabia, Wadi Middean Dam and Raising of Wala Dam in Jordan, Flood Protection Dam in Wadi Al-Jufainah, Oman. Baardheere Dam Project in Somalia, Marib Dam & Irrigation Project in Yemen and Al-Sinn Dam in Syria.

Energy Sector

With the growing demand of energy, NESPAK's role as a consultant in the Energy Sector has become very significant and noteworthy. NESPAK's consultancy services in the Energy Sector have always been matchless as they pertain to actionable and practicable solutions. Cognizant of Pakistan’s problems with regard to the energy crises, NESPAK offers ready-to-practise solutions to its clients in Pakistan vis-a-vis foreign countries.

NESPAK has extensive experience in providing services to public and private sector clients on energy projects of diverse nature. NESPAK's set-up has been evolved with due cognizance of the requirements of this sector which has been undergoing structural and institutional reforms in the recent past. The services include all facets of project implementation from conceptual design to final commissioning and operation.

NESPAK has expanded its business in Saudi Arabia, recently by signing an agreement in the power sector. A new office has been established in Dammam under this accord.

At NESPAK, 712 highly qualified and well-experienced personnel are working in the Energy Sector. The specialties are headed and manned by highly qualified and experienced electrical, mechanical and civil engineers. Most of the senior staff members have years of experience on numerous power plant, transmission lines, substations and SCADA (Supervisory Control and Data Acquisition) & Telecommunication projects stretching across the entire length and width of Pakistan and 11 foreign countries.

Over the years, the experience and expertise gained in this sector at home enabled NESPAK to secure projects in the foreign countries. The Company has carried out a total of 44 power projects costing US$ 18 billion in Bahrain, Benin, ECO States, Gabon, Gambia, Iran, Nepal, Oman, Saudi Arabia, Somalia and United Arab Emirates.

Major projects in the Energy Sector undertaken by NESPAK abroad included Rabigh Power Plant Extension Project Unit Nos. 20 to 37 (Stage-V) & Unit Nos. 38 to 49 (Stage-VII), Riyadh Power Plant No. 10, Shoaibah Power Plant Project, Jeddah Power Plant No. 3 Expansion Project and Tabouk Power Plant No. 2 Extension Project (Unit Nos. 9, 10, 11) in Saudi Arabia and Donga Hydroelectric Project in Benin.