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NESPAK

JULY - SEPTEMBER 2016

Corporate News 2 - 4
Project News 4 - 11
Staff News 11

NEWSREPORT nespak

MD visits Balloki Power Plant and OMT Project sites on 2nd day of Eid ....page 3

NESPAK MD calls on Envoy to the UK

In order to further augment its operations in the UK under the umbrella of NESPAK UK Limited, a NESPAK delegation led by Mr. Amjad A. Khan, Managing Director NESPAK, called on Syed Ibne Abbas, Pakistan High Commissioner to the UK on July 26, 2016 and discussed with him business expansion strategy.

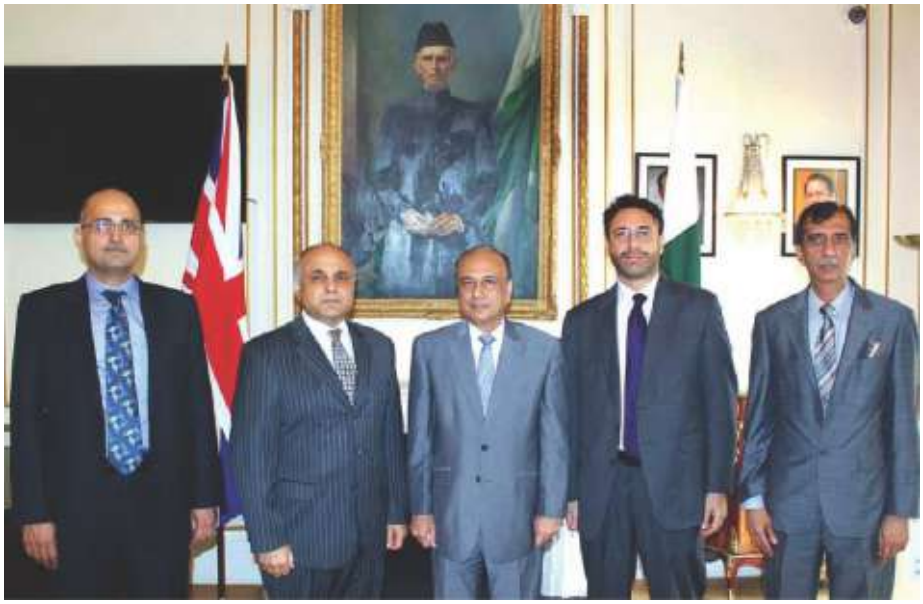
The delegation apprised the High Commissioner of various projects which are currently being executed in Pakistan, especially the Punjab Saaf Pani Project and Orange Line Metro Train Project in Punjab. Discussions about joint ventures (JVs) with reputable British consultancy firms were also held. Such JVs will help in bringing the best international practices to the country coupled with capacity building of Pakistani professionals to deliver projects of international standard in Pakistan. As a confidence building measure, NESPAK has registered a subsidiary by the name of NESPAK UK in Britain. Now the British firms will be in a comfortable position to enter into business deals with a UK registered company. NESPAK already has a global presence.

The High Commissioner assured the delegation all possible support in their endeavours and asked them to keep the High Commission updated on their projects through close liaison to work together in future. He also advised the Commercial Counselor to facilitate meetings of the delegation with the relevant British authorities especially with UKTI, British Council and DFID, among others.

Under the auspices of the Pakistan High Commission, a meeting was held between the NESPAK delegation led by Mr. Amjad A. Khan, MD NESPAK and Mr. Jon Carney, Deputy Team Leader British Foreign and Commonwealth Office. Mr. Jon Carney of the Bilateral Team, Pakistan Sector greeted NESPAK. Mr. Carney was informed about NESPAK's capabilities and operations in Pakistan and abroad. He was also apprised of the functioning of NESPAK UK. Mr. Carney stated that he was quite familiar with NESPAK as he had served earlier in Pakistan. He appreciated the formation of NESPAK UK Ltd and stated that he was impressed with NESPAK's growth over the years and its contributions to key projects in Pakistan. He went on to state that NESPAK had developed itself into an international grade consulting house and that the British High Commission in Karachi had established a formation for the British investment in Pakistan. He also stated that he will pursue investment opportunities by British firms wherein NESPAK could contribute positively.

Mr. Amjad A. Khan, Managing Director & President NESPAK (R) and Syed Ibne Abbas, High commissioner to the UK

Meeting with Jon Carney at Foreign & Commonwealth Office London



Mr. Amjad A. Khan, Managing Director & President NESPAK along with NESPAK Officials in a group photograph with High commissioner to UK Syed Ibne Abbas

MD visits Balloki Power Plant and OMT Project sites on 2nd day of Eid

Mr. Amjad A. Khan, Managing Director NESPAK, visited the site office for 1223 MW RLNG based Combined Cycle Power Plant at Balloki along with Mr. Akhtar Hussain Mayo, GM/Head, Power Plant and Mechanical Section on the 2nd day of Eid. Mr. Haseeb Saqib, Project Manager NESPAK and CRE Balloki NESPAK and his staff along with the Contractor were also present. MD NESPAK inquired about the current status of the project progress and project schedule compliance. He emphasized on the quality and safety compliance at site as well as called for timely completion of the project.

MD also visited the site office of package-II, Orange Line Metro Train (OMT) Project in Lahore on the same day. He was given a briefing on the quality control and progress of the project by Mr. Salman Hafeez, Project Manager. Various measures taken in respect of health, safety and environment (HSE) were also discussed. The Construction Manager, Deputy Construction Manager, Chief Resident Engineers of all the four packages and HSE staff were also present. MD NESPAK gave necessary instructions and suggestions on how to further improve working on the project.

MD NESPAK (C) during site visit of Balloki Power Plant

MD NESPAK chairing a meeting regarding Balloki Power Plant at site office

Mr. Kamran Imtiaz, VP HR Division, presenting a memento to Ms. Malahat Awan

CEO British Business Centre, British High Commission Visits NESPAK House

The British Business Centre, British High Commission will facilitate NESPAK to seek business opportunities in the UK market by providing access to UK consulting companies.

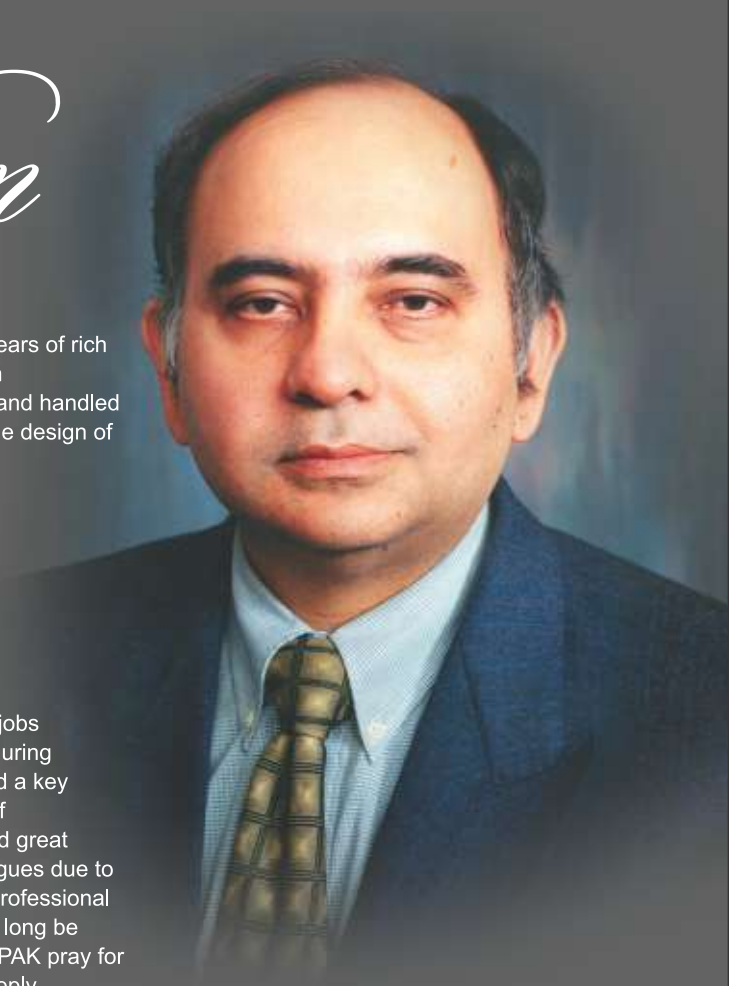
This was revealed at a meeting between Ms. Malahat Awan, Chief Executive Officer of British Business Centre and senior NESPAK officials during the former's visit to NESPAK House, Lahore on September 07, 2016. The British Business Centre acts as a bridge between companies in the UK and their counterparts in Pakistan. During the meeting, a detailed corporate presentation was given by Mr. Kamran Imtiaz, Vice President Human Resources. With the cooperation of British Business Centre, NESPAK will also target the UK market by developing links with UK companies. This mutual arrangement is likely to herald new business opportunities for NESPAK in the European market.

Refugee Affected and Hosting Areas Programme

The consultancy services for the project implementation to the Refugee Affected and Hosting Area (RAHA-III) were awarded to a consortium of AHT Group AG, Germany (Lead Firm) and NESPAK. RAHA-III will be implemented in four districts of Khyber Pakhtunkhwa: Peshawar, Mansehra, Swabi and Kohat. The project is funded by KfW, Germany in collaboration with UNHCR and the Ministry of States and Frontier Regions (SAFRON), Government of Pakistan. NESPAK will depute consultancy experts for the RAHA Projects: health, education, WASH, infrastructure and livelihood. Mr. Muhammad Ittefaq, Chief Engineer Water Resources Division (WRD), will provide backstopping services from NESPAK.

M. Ittefaq, CE, WRD (1st from R) with Elke Metzen, Sr. Project Manager, KfW (Third from right) and Thomas Weigand, TL, AHT (4th from R) during their visit of a Water Supply Scheme in the outskirts of Peshawar

REMEMBERING *Asif Saleem*



Every living being has to leave this mortal world but one is remembered for the way he lived one's life. Asif Saleem, the former Managing Director NESPAK, who left for his heavenly abode in July 2016, will be remembered for his dynamic and jovial personality. Mr. Saleem served NESPAK for three years with all the qualities of head and heart.

The late Asif Saleem took over as the Managing Director of NESPAK on October 26, 1998 and continued to serve the Company till 2001. He was earlier the Managing Director of INCEM for 11 years from July 1987 to April 1998.

Asif Saleem did his B.Sc. Civil Engineering from UET, Lahore in 1968 and Master's in Civil Engineering from the University of Hawaii, USA in 1971 under East-West Centre scholarship. He was honoured by the East-West Centre Hawaii and Fulbright Foundation for contribution towards increased understanding between the people of Pakistan and the United States.

He brought with him 28 years of rich and diverse experience in engineering consultancy and handled large projects including the design of plants, buildings, housing colonies, roads, water supply and drainage systems. Mr. Saleem served NESPAK using the best of his abilities. Owing to his energetic personality and able leadership, NESPAK secured as many as 197 jobs including mega projects during his stint as MD. He played a key role in the development of NESPAK and commanded great respect among his colleagues due to his unique qualities and professional acumen. His services will long be remembered. We at NESPAK pray for the departed soul and deeply sympathise with his family and friends.

May Allah rest his soul in eternal bliss, Amen!

PROJECT NEWS

FFCL awards Building Extension Project

Fatima Fertilizer Company Ltd. (FFCL) established a huge chemical fertilizer plant in Mukhtargarh near Rahim Yar Khan in 2011. The plant is counted among the largest fertilizer producers of Calcium-Nitrate (CAN) and Nitro-Phosphate (NP) Fertilizer in Pakistan. To further increase the production of fertilizer, FFCL has awarded to NESPAK a project for the extension of the main plant buildings. Mr. Ahsan Rafique, Principal Engineer/Project Manager Structural Engineering Division and his team are working on the structural design phase.

The structural design project encapsulates design review, evaluation and capacity enhancement of the existing frame structure buildings. CAN plant building (Steel Structure), NP plant building (Reinforced Concrete) and compressor building are major part of the project. These are multi-storey buildings and house a number of heavy vessel, machines, motors, grinders and various heavy equipment.

Urea prilling tower and plant

Calcium Nitrate plant

The project design is currently underway and the detailed structural evaluation has been performed on the existing frame structures and on its basis, new capacity enhancement design and drawings are being prepared. The overall work progress is currently 33 percent.

Flowing Life Lines...

Balloki Barrage and Lower Bari Doab Canal

Lower Bari Doab Canal (LBDC) Consultants, a joint venture of MML, MMP and ACE led by NESPAK, has completed the construction supervision of a new BS head regulator in order to meet the future possible demand of 26,950 cusec discharge. The new head regulator of BS Link has eight bays of 24 ft width each adjacent to the old head regulator. Thus the combined regulator has 19 bays of 24 ft width each. The construction activity was started under the supervision of LBDC Consultants in November 2013 and the extension was completed in February 2016. The extended head regulator of Bari Daob link canal became operational recently and it continues to serve as another prodigy out of many that NESPAK has provided to this nation so far.

View of BS Link Head Regulator after construction

Warsak Canal System, Peshawar & Nowshera Districts

A NESPAK-led joint venture has been engaged by the Irrigation Department Government of Khyber Pakhtunkhwa for providing detailed design and construction supervision services for the Rs.12.147 billion remodeling of Warsak Canal System Project in Peshawar and Nowshera Districts. The scope of services includes topographic surveys, geotechnical investigations, design, preparation of tender & construction drawings and construction supervision of the project works including environmental and social studies, land development works and revision of revenue chakbandi/warabandi system for the project. The consultancy services agreement was signed with the Irrigation Department Government of Khyber Pakhtunkhwa in November 2011. The duration of design phase was one and a half years and construction supervision spans over three and a half years.

Mr. Tariq Altaf, VP/Head WRD and Mr. Muhammad Bakhsh Baloch, Chief Engineer/Project Manager visiting the project site near Peshawar

Mr. Tariq Altaf, Vice President, Water Resources Division/Chairman BOM visited, the site on August 31, 2016 and expressed his satisfaction with the construction activities. Mr. Muhammad Bakhsh Baloch, Chief Engineer/Project Manager NESPAK Water Resources Division (WRD) accompanied him during site inspection.

Trimmu Panjnad Barrages

Mr. Mansoor Ali along with PMO representatives visiting Trimmu Barrage site

The consultancy contract for construction supervision of Trimmu Panjnad Barrages Improvement Project (TPBIP) has been awarded to a joint venture of NESPAK, EGC and SMEC. Construction activities at Trimmu site have been started and the Contractor has completed the construction of site facilities at Trimmu Barrage. Mr. Mansoor Ali, Deputy Project Manager visited Trimmu Barrage site to review the construction progress.

Chinese delegates visit NESPAK Islamabad Office

A 24-member delegation of the China Highway & Transportation Society led by its Secretary General Mr. Liu Wenjie visited NESPAK Islamabad Office. The delegation is visiting selected countries along the ancient Silk Road. Mr. Abdul Qadeer, General Manager Islamabad Office, Mr. Rizwan Baig, General Manager Highways & Transportation Engineering Division and Mr. Abdul Basit Sheikh, Chief Engineer, Transportation, gave a detailed video presentation on NESPAK capabilities and expertise. A detailed briefing was given on Metro Projects, National Highway Projects and China Pakistan Economic Corridor (CPEC) Projects. It was conveyed that in highways and transportation planning, NESPAK is using state-of-the-art transportation planning tools like Vissim and Visum for micro and macro simulations.

A group photograph of NESPAK experts with delegates from China

It was conveyed that the Government of Pakistan is giving top priority to CPEC which will pave way for socio-economic development of the entire region.

The visiting delegates also gave a presentation about infrastructure development work in China. Team leader Mr. Liu Wenjie said that such visits help in expanding relations in the field of highway and transportation between the two countries and are essential for understanding Chinese standards and specifications. Mr. Liu Wenjie invited NESPAK delegation to attend a forthcoming conference in Beijing on Highway and Transportation Engineering.

Aziz Cross Flyover at Gujranwala

NESPAK is providing structural design and consultancy services for the construction of the Aziz Cross Flyover at Gujranwala. The flyover is a multi-span, cast-in-situ, box girder structure with variable deck serving two-way heavy traffic. The project is being sponsored by the Government of Punjab through Communication & Works Department, Gujranwala.

A view of under construction flyover at Aziz Cross, Gujranwala

Gujranwala is counted among the largest cities of Pakistan, which is famous for its industries. The construction of the flyover on the G.T Road at Aziz Cross in Gujranwala will facilitate movement of freight and passenger traffic immensely. Five flyovers will be constructed under the project at grade ramps. A three-lane flyover will be constructed to facilitate signal-free traffic between Rawalpindi - Gujranwala - Lahore. In addition, two double elevated and two-lane flyovers (directional ramps) will be constructed to benefit the traffic from Sialkot bypass to Rawalpindi and from Lahore bypass to Gujranwala city. Partial clover-leaf pattern will be developed to make traffic signal free. The fifth flyover will be constructed by dismantling the existing Railway Bridge over the railway line towards Sialkot with a new two-lane, multi-span, post-tensioned I-girder bridge.

Karachi Hyderabad Motorway (M-9)

The construction of Karachi Hyderabad Motorway (M-9) of 136 km length is in full swing. NESPAK is providing design review and quality control services for the project. The project mainly comprises three-lane fenced dual carriageway along with construction of eight new interchanges, widening of 11 existing bridges, construction of toll plazas and rest areas.

NESPAK team at construction site of an interchange

Mr. Tariq Javed Bhatti, Chief Geologist and Kashif Imtiaz, Senior Engineer of Geotechnical & Geo-Environmental Engineering Division visited the project site in September, 2016 to monitor site activities, quality issues and site staff issues. The project is expected to complete by April 2018.

Joint session with Chinese delegation

Mr. Irfan-ul-Haq, General Manager/Head ERGES and Mr. Imran-ul-Haq, Chief Engineer, Geotechnical & Geoenvironmental Engineering Division, attended a joint session with a Chinese delegation at the Institute of Social and Cultural Studies, University of the Punjab on September 22, 2016. The Chinese delegation comprised experts from Appraisal Centre for Environment and Engineering (ACEE) and researchers from Beijing Normal University (BNU). ACEE is a major technical support institution in the field of Environmental Impact Assessment (EIA) for the Ministry of Environmental Protection P.R.China. BNU is a key university under the administration of the Ministry of Education in China.

The purpose of joint session was to exchange views on environmental and social aspects related to CPEC projects in Pakistan and to explore possible ways to cooperate and promote relevant activities in the wake of China Pakistan Economic Corridor (CPEC). NESPAK presented its capabilities and experiences in general and specifically in the fields of environment and resettlement in development sectors.

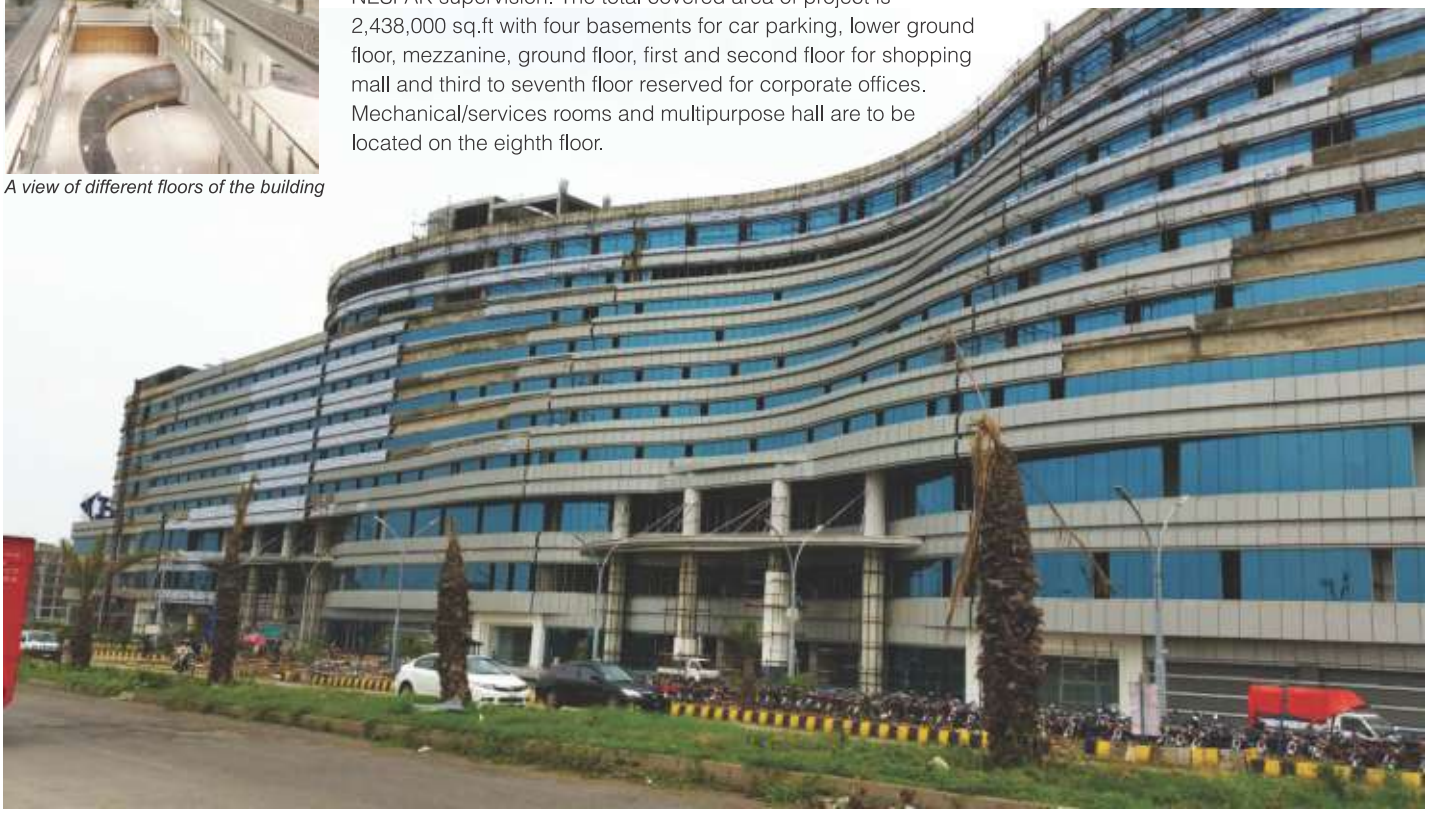
World Trade Centre, Islamabad

A view of different floors of the building

NESPAK is providing services for design review, vetting of design documents, vetting of contract documents and detailed construction supervision of the World Trade Centre in Islamabad. Main activities related to construction management include architectural finishing, electrical, plumbing, fire fighting, HVAC, lift and external development works for this Rs. 8 billion project.

The project recorded excellent progress as construction activities remained in full swing during July to September 2016 under NESPAK supervision. The total covered area of project is 2,438,000 sq.ft with four basements for car parking, lower ground floor, mezzanine, ground floor, first and second floor for shopping mall and third to seventh floor reserved for corporate offices. Mechanical/services rooms and multipurpose hall are to be located on the eighth floor.

A night view of the building



A view of world trade centre

Consultative Workshop for Developing 10 Year Integrated Development Plan for Cholistan

Cholistan Development Authority (CDA), Bahawalpur conducted a consultative workshop for Integrated Development Plan for Cholistan. PIAIP Team, Shah Rukh Latif, General Manager and Fazal Rehman Kashif, Principal Engineer NESPAK attended the said workshop and briefed the audience on proposed water resources development projects in Cholistan area. The objective of the project is to divert the flood water from two barrages i.e. Suleimanki and Panjnad Barrages by constructing flood feeder canals from said Barrages. Local community of Cholistan also attended the seminar along with public representatives, senior government officials, Army officials, academia, sector specialist besides media, civil society and NGO officials.

Mr. Fazal Rehman Kashif, Principal Engineer WRD giving a presentation

Hazara University

Disaster Management & Reconstruction Division NESPAK won a project titled Completion of Leftover Works on Academic Blocks at Hazara University, Mansehra, having a covered area of 337,000 sq.ft. The scope of services includes structural evaluation of already done work, detailed designing of buildings including architecture, structure, MEP, landscaping along with preparation of bid documents and construction supervision. Mr. Muhammad Salman, Principal Engineer, has been designated as Project Manager.

Malakand University

Disaster Management & Reconstruction Division signed an agreement with the Malakand University on August 9, 2016 for master planning, detailed design and construction supervision of academic and allied facilities at the University of Malakand. The scope of services includes topographic survey, master planning, detailed infrastructure design, detailed designing of buildings for covered area comprising about 165,860 sq.ft. and construction supervision. Mr. Muhammad Salman, Principal Engineer, has been designated as Project Manager.

Mangla Power Station Refurbishment Project

Contract signing ceremony for up-gradation & refurbishment of 6 power generating units of Mangla at WAPDA House

NESPAK in a joint venture with MWH International Inc. continued to render consultancy services for the Mangla Power Station Refurbishment project.

This project has entered the implementation stage while the contracts for refurbishment/upgradation of generating units#1-6, refurbishment of powerhouse cranes, supply of generator step-up transformers and turbine inlet valves have been awarded.

The project aims at increasing the generation capacity of the powerhouse by 310 MW and modernisation & refurbishment of the systems of Mangla units 1-10 after raising of Mangla Dam to ensure availability of a fully functional power station for another life cycle of 50 years. After completion of the project, the power station will provide additional 56 GWh of cheap hydel energy annually.

NESPAK executes largest IT Project

Development of Water Resources Management Information System (WRMIS) and Decision Support System (DSS) for Efficient Irrigation Water Management in Punjab is one of the major IT projects (integrated with Hydrological and Hydraulic Models) acquired by NESPAK. The designated project office for WRMIS is located in Arfa Software Technology Park (ASTP) where IT, GIS, Hydrology and Hydraulic teams are working together with utmost dedication to successfully complete this project of extreme significant nature. There are three major milestones out of which NESPAK has already crossed its first milestone and the same was presented to Client on August 30, 2016. Mr. Habib Ullah Bodla, Chief Project Monitoring & Implementation Unit (PMIU) chaired the event. Mr. Khalid Mahmood, Project Manager, presented the completed software application modules which comprised both web and android interfaces. The Client has appreciated the proposed solution designed by NESPAK and also admired the quality of work. It is pertinent to mention that WRMIS is the largest IT project which NESPAK has ever executed.

Project manager presenting application demo

ESIA of Diamer Basha Dam Project

The Environmental and Social Impact Assessment (ESIA) of Diamer Basha Dam Project, initially awarded by USAID to MWH (International), NESPAK and ACE consortium, was successfully completed in August, 2016. On completion, MWH arranged a ceremony at Lahore. Dr. Tahir M. Hayat, Vice President/Head Geotechnical & Geoenvironmental Engineering (GT&GE) Division, Mr. Irfan-ul-Haq, General Manager/Section Head ERGES, Mr. Kamran Yousaf, Project Manager/General Manager GT&GE Division, Mr. Muhammad Shariq Ahmed, Deputy Project Manager/Principal Engineer, Mr. Imran-ul-Haq, Chief Engineer GT&GE Division and Mr. Muhammad Moeen ADCOP/Principal Engineer GT&GE Division along with sector experts from Water Resource Division, Economic Studies Division and GIS experts attended the event. MWH presented shields to these experts with certificates. To make the event memorable, a group photo of all experts was taken.

Group photograph of NESPAK, MWH (USA) and ACE experts

135MW Taunsa Hydropower Project

A meeting of Panel of Experts (POEs) was held on August 30, 2016 in the committee room of Irrigation Department under the Chairmanship of Managing Director Punjab Power Development Board, Government of Punjab, Energy Department, Lahore to discuss and approve the updated feasibility study of 135MW Taunsa Hydropower Project carried out by NESPAK. The experts from various specialties of NESPAK involved during the study gave a comprehensive presentation of all the technical and financial aspects of the study. The POEs discussed the report in detail and gave approval of the proposed scheme.

NESPAK experts making presentation to Panel of Experts for approval of updated feasibility study

Gomal Zam Dam Command Area Development

NESPAK Agriculture Division has been awarded the Gomal Zam Dam Command Area Development and On-Farm Water Management for High Value and High Efficiency Agriculture Project. The contract agreement was signed on August 26, 2016.

The project will be implemented by the Agriculture and Cooperative Department, Government of Khyber Pakhtunkhwa through Project Director Gomal Zam Dam Command Area Development Project, D.I. Khan. Under this project, about 191,139 acres of land will be brought under irrigation in D.I Khan and Tank districts of Khyber Pakhtunkhwa.

NESPAK will prepare the detailed design of 393 earthen watercourses and their layouts followed by lining of critical reaches subjected to excessive seepage up to 20 percent of total length, precision land levelling of the command area, design and installation of High Efficiency Irrigation Systems through Irrigation Demonstration Plots at each watercourse and preparation of bidding documents for hiring contractors for different project interventions. Besides, the Consultants will also be responsible for construction supervision, quality assurance and validation of completed works. Local farmers will be involved in all the project interventions through Water Users Associations.

The consultancy contract is initially for a period of 12 months with the provision of extension for another 12 months.

National Police Foundation Housing Scheme

NESPAK continued to provide consultancy services for the preparation of a feasibility report for two commercial plots measuring 12 to13 kanals and 5.36 kanals situated at National Police Foundation (NPF) Housing Scheme, Sector E-11, Islamabad. Proposed commercial development is based on the NPF/CDA bye-laws. A market survey was carried out to formulate different development options keeping in view the modern commercialisation trends in the area. A detailed financial analysis has been carried out for these options to conclude the feasibility study. Draft report has been submitted to the Client.

Khulais, Rabigh Dams in Saudi Arabia

NESPAK in association with M. H. Aitah Consultants continued providing consultancy services to the Ministry of Environment, Water and Agriculture, Kingdom of Saudi Arabia, for the construction supervision of two phases of the project titled Water Transmission from Khulais and Rabigh Dams to Jeddah.

Under phase-1, laying of 44.3 km long, 400mm diameter nominal (DN) Carbon Steel (CS) pipeline from pump station at Khulais Water Treatment Plant (WTP) to Kamel town and construction of 10,000 cu.m ground water reservoir at Kamel are in progress. About 86 percent work on Phase-1 has been completed whereas its expected completion date is June 2017.

Construction of Rabigh Phase-II Project comprising WTP of 100,000 m^3/day and laying of 51 km long CS water main of DN 1200mm from Rabigh WTP to Rabigh city also continued speedily. About 47 percent of the project has been completed.

Waste Treatment, Storage and Disposal Facility in Duqm, Oman

In line with the National Waste Management Strategy recommendations by Be'ah as technical expert to Special Economic Zone Authority at Duqm (SEZAD), utility operator agency has planned to build an engineered landfill at Duqm. The scope of work includes construction of municipal and industrial waste landfills, facility buildings, wheels wash area, weighbridge etc. SEZAD has engaged NESPAK for the construction supervision of this project. NESPAK commenced construction supervision services in December 2015. The progress achieved so far on the project is 70 percent.

Staff Housing Complex, Islamabad

NESPAK continued to provide sub-consultancy services for the Staff Housing Complex at Islamabad for the Ministry of Foreign Affairs, Kingdom of Saudi Arabia. NESPAK services include a topographic survey, geotechnical investigation, preparation of architectural drawings to be submitted for approval and grant of building permit by local authorities as well as the preparation of engineering design.

Coal Conveying System at Port Qasim

A number of coal fired power plants are being set up to reduce the current deficit in the power supply in the country and hence, the Government of Pakistan decided to connect the Pakistan International Bulk Terminal (PIBT) with existing railway network through a conveyor system for transporting bulk coal cargo from Port Qasim to the power plants located in various parts of the country.

Cement silo construction in progress

NESPAK Karachi office will carry out concept design, feasibility, EPC bid documents, bid evaluation, construction supervision and preparation of ToR for Operation and Maintainance (O&M) contract and provide assistance to the Client in award of O&M contract. Syed Munawwar Abbas, Chief Engineer/Head Infrastructures, is the Project Manager and Mr. Mukesh Kumar, Senior Engineer Karachi Office, is the Deputy Project Manager. NESPAK has been providing services for the project since September 2015 and the work is expected to be completed by September 2017.

The project includes a 5 km long belt conveyor having capability of transporting coal at 3,600 tonnes per hour to the coal stockyard. Coal stockyard has a capacity of 400,000 tonnes. Two Bucket Wheel Stacker Reclaimer will stack coal at 3,600 tonnes per hour and reclaim coal from stockpiles at 2,400 tonnes per hour, railway rapid load-out station for loading the railway wagons at 2,400 tonnes per hour, while moving at slow speed of 0.5 to 0.8 kph. The project also includes laying of dedicated railway loop/siding with all necessary signaling and controls.

Rehabilitation of Mangla Reservoir Rim

Geotechnical & Geoenvironmental Engineering Division of NESPAK is providing consultancy services for strengthening works of Mangla Reservoir Rim along the Mirpur-Kotli road near Khaliqabad Chowk, Shanwari Restaurant (Package-I) and along Mirpur bypass road (Package-II). The scope of services includes detailed design, preparation of tender documents and construction supervision. Detailed design and tender documents were completed in March 2016. Currently construction supervision of the rehabilitation works is being carried out by NESPAK. The works of Package-I were started from deepest level of 1,154 ft. and have now reached the level of 1,250 ft. The finish level of these works is1,280 ft. The relocation of three nos. water supply pipelines running along the reservoir rim at the level of 1,260 ft. are part of the scope of work. Rehabilitation works of Mirpur bypass (Package-II) are also under progress.

Rehabilitation work in progress at site

Witness test performed

A witness test was performed in September, 2016 in the presence of Mr. Muhammad Hassaan, Senior Engineer, NESPAK and Mr. Ubaid Shah, Additional Manager, National Transmission & Despatch Company Limited for 500kV Switching Station at Moro and extension works at existing 500kV substations at Jamshoro, Dadu and Rahim Yar Khan.

(R to L) Zhao Zun (ABB), Hassaan (NESPAK), Ubaid Shah (NTDCL) at ABB High Voltage Switchgear Co. Ltd., China

This type of circuit breaker will be supplied to Pakistan for the first time from China. Complete equipments are manufactured and assembled in China except main interrupting chamber mechanism which is purchased from Ludvika, Sweden. Factory inspection test for 550kV Circuit Breaker type "HPL550TB2" was carried out at ABB High Voltage Switchgear Co. Ltd. Beijing, China.

NESPAK engaged for establishment of Bulk Cargo Terminal

NESPAK has been engaged to provide consultancy services for the establishment of an environment friendly multipurpose bulk cargo terminal at East Wharf of Karachi Port Trust (KPT). The scope of services includes inception study, site location study, terminal planning and environmental scoping/IEE study, financial and economic feasibility study, review of financial model, project implementation framework study, PPP procurement documents with concession agreement, RFP document and its associated tasks, evaluation of technical and financial proposals and assistance in negotiations and award of PPP contract. The final consultancy services agreement has been submitted to KPT for signing by the trustees. The duration of the project is nine month.

NESPAK submits reports on sanitation project

NESPAK team giving presentation to WASA Multan officials

A NESPAK-Artelia Joint Venture has been providing services for the Master Planning of sewerage, water supply and drainage system of WASA Multan. In this regard, NESPAK has submitted two reports i.e. pilot area report including inception report and GIS based survey report including sectoral assessment. A detailed presentation was given to Mr. Salim Raza Asif, Commissioner Multan on August 25, 2016 which was also attended by senior officials of WASA Multan and Multan Development Authority.

STAFF NEWS

Academics

Mr. Muhammad Ramzan Mehdi, Senior Engineer, Power and Mechanical Engineering Division, has secured Master's degree in Electrical Engineering with CGPA of 3.75 from the Center for Advanced Studies in Engineering (CASE), University of Engineering and Technology Taxila. On the basis of his excellent CGPA, he was declared Rank First among the students of intake batch spring 2014. The topic of his research was "Modeling and Control of Power Electronics Converter."

Mr. Muhammad Jawad Rafiq, Engineer Power and Mechanical Engineering Division, has been awarded Master's degree in Electrical Engineering from the University of Central Punjab Lahore.

Mr. Ishtiaq A. Minhas, Accounts Officer, has recently completed MS in Business Administration (Management) from Federal Urdu University of Arts, Science & Technology, Islamabad.

Fresh Induction

Mr. Sajid Iqbal has joined Geotechnical & Geoenvironmental Engineering Division NESPAK. He completed his Bachelor's degree in civil engineering from National University of Sciences and Technology (NUST), Pakistan and Master's degree in civil engineering with specialisation in geotechnical engineering from University of Missouri, USA as a Fulbright scholar. He performed his graduate research work on the development of p- and y- multipliers for design of slope stabilising piles. He has previously served as a Lecturer at NUST and has taught courses in soil mechanics, foundation engineering, slope stability, and design & construction of earthen dams.

Independence Day celebrated at NESPAK offices

The Regional Office Riyadh celebrated the 70th Independence Day of Pakistan with great zeal and fervour along with a renewed pledge to work hard for making Pakistan a prosperous, developed, moderate and Islamic democratic welfare state. The Independence Day's cake was cut by Mr. Tariq Mahmood Tahir, Regional Manager Riyadh along with staff members. Independence day was also celebrated by NESPAK IT team at Arfa Software Technology Park office.

Independence Day celebrations at NESPAK Riyadh Office

Independence Day celebrations at Arfa Software Technology Park Office

Sewerage System from Larech Colony to Gulshan-e-Ravi, Lahore

Mr. Aslam Niazi, Director, WASA briefing Mr. Ayaz Sadiq, Speaker National Assembly about plan for laying of sewerage system in Samanabad, Lahore

NESPAK was engaged for the design review and resident supervision of sewerage system from Larech Colony to Gulshan-e-Ravi, Lahore. WASA has decided to start the package improvement of sewerage system at Punch Road, Ghazali Road, Mahmood Road and adjoining areas in Samanabad, Lahore prior to main works. Accordingly, NESPAK mobilised its staff at the site to carry out construction supervision of the project. This involves laying of trunk sewers having size of 54", 42", 36", 30", 24", 18" and 12" in the area of Samanabad as existing system has failed to cater to the sewerage of surrounding areas. Mr. Ayaz Sadiq, Speaker National Assembly visited the site and was briefed by Mr. Aslam Niazi, Director, WASA about the project.

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