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## NAWAZ ABDUL NASIR

S/O ABDUL MANNAN MALIK

### OBJECTIVE

Seeking a challenging assignment with a highly growth oriented organization in the field of Civil Engineering. My strengths are persistence and dedication, with an inner drive to succeed and accomplish goals.

### PROFESSIONAL SYNOPSIS

- A competent professional with more than 18 years of extensive experience.
- Currently working with Nesma & Partners Ltd. as Senior Engineer in Commercial & Contracts Division.
- Review and certify "As Built" Drawings prepared by contractor's team and to ensure the accuracy and compliance.
- Supervision of all civil work including concreting & its testing at site from foundation to finishing work as per contract drawings and project Specifications.
- To study the shop drawings and specifications to ensure the standards and requirements for its implementation.
- Preparation of Technical Analysis Reports & Commercial Analysis Reports, based upon the BOQ, Budget & Technical specs.
- Preparation & presentation of Actual Award vs. Budget comparison reports.
- Supporting contract advisor for issuance of different kind of contracts like lump-sum contract, work unit rate contract, mid-form contracts and short form contracts
- Supporting invoice verifiers for processing the invoices and preparing service entry sheets.
- Experienced in maintaining cost rack-ups, determining project commitments, forecasting, cost monitoring & control and project close-outs.
- Conversant in preparing monthly expenditure reports.
- Maintained upto-date cost control reports and compared with actual budgeted quantities.
- Preparation of BOQ, Variation orders Interim payment certificates IPC & bidding & contracting documents.
- Evaluation & processing of sub-contractor's Variation Orders, IPCs and claims.
- Conversant in Design review of building & Roads Structures
- Experience on ARAMCO & Saudi Arabian Government Projects.
- Technical correspondence in between Client, Consultant and Contractor
- Coordination for Technical and Financial aspects between various departments.
- Self-starter; able to work in team as well as independently.
- An effective communicator with excellent team building skills and strong analytical, problem solving & organizational abilities with proven ability of leadership.

### ORGANIZATIONAL EXPERIENCE

- |                           |   |  |
|---------------------------|---|--|
| I. Name of employing firm | : | Nesma & Partners Ltd. Kingdom of Saudi Arabia.                     |
| Title of position         | : | Senior Civil Engineer - Commercial & Contracts                     |
| Location of assignment    | : | ANM (Ar-Riyadh New Mobility), Head Office,<br>Riyadh, Saudi Arabia |
| Period of assignment      | : | Aug 2014 - Till Date   |

### RIYADH METRO PROJECT

Nesma & Partners in collaboration with its consortium members are partner in the development of a metro project in Saudi Arabia. The turnkey contract from Ar-Riyadh Development Authority (ADA) in Saudi Arabia is for the design, construction and commissioning of a major metro project in Riyadh at an estimated cost of **USD 5.94 Billion**. Nesma & Partners is working as a partner of Ar-Riyadh New Mobility Consortium, which includes Larsen & Toubro, Ansaldo STS, Bombardier Transportation Ltd, Impregilo S.p.A & Worley Parsons. The extensive metro system construction includes the commissioning of approximately 42 km of driverless train operation. It involves the construction of bridges, tunnels, elevated and underground stations, depots, roads and CCTV and public announcement systems.

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### **MAJOR HIGHLIGHTS:**

I joined Nesma and Partners Contracting Co. Ltd on an esteemed Transport Mega project KAPRPT (King Abdul Aziz Project for Riyadh Public Transport). The Riyadh Metro Orange Line No. 3 is one of the 6 Metro lines Rapid Transit systems under construction in Riyadh, Saudi Arabia. It will be the backbone of the city's public transport system.

- My core responsibilities includes, turning the designer's plans into reality by actually building them.
- To ensure that all aspects of the construction project under my responsibility - from ground works and foundations to final finishes - are completed within cost and time constraints and to client Technical specifications.
- Liaising and working jointly with the design team (consulting engineers) to implement refinements. Negotiating modifications with architects and consulting engineers.
- Dealing skillfully with a diverse range of people including clients, architects, other engineering professionals, sub-contractors
- Liaising with and directing the work of sub-contractors employed on the project
- Discussing & finding solutions to overcome unforeseen construction difficulties
- Undertake contract review to establish work scope required
- Make sure that the contract terms address all the client's requirements.
- Develop, implement and review contracts, make sure that best practices are applied on any given project, and to make all the revisions available to all the parties involved in the project.
- Consult with technical staff on various products and applications.

II. **Name of employing firm** : Saudi Oger Ltd. Kingdom of Saudi Arabia.  
**Title of position** : Senior Engineer  
**Location of assignment** : Saudi Oger Ltd. Head Office, Riyadh, Saudi Arabia  
**Period of assignment** : April 2011 - July 2014

### **MECHANIZED BRIGADE PROJECT (SANG)**

The total cost of the project is **USD 220 Million**. The project clients are **Department of Defense - United State of America & Saudi Arabian National Guard (SANG)**. The Project consists of 181 buildings of deferent types divided into 7 zones such as Command & stand Alone Battalion, Logistics Mechanized infantry, Artillery, Sports & Services, including 190 Vehicle shelters, Water treatment plant, Sewage treatment plant & 50 Sports Facilities.

### **MINISTRY OF EDUCATION (MOE) HEAD QUARTER, RIYADH**

The project of **Ministry of Education head quarter** in Riyadh contains three floors and one basement. The total built up area of the building is more than 128,000 sqm. The building also has a car parking fitting for 4000 cars. It's cost is USD 200 Million. The consultants are **Projacs International** & client is **Ar-Riyadh Development Authority (ADA)**.

### **MAJOR HIGHLIGHTS:**

- Study the shop drawings and specifications to ensure the standards and requirements.
- Supervision of all civil works including concreting at site from foundation to finishing work as per contract drawings and Specifications.
- Investigating conditions and execution & analyzing results of site tests, such as concrete & soil samples.
- Inspect the completed and ongoing activities to ensure conformance to design & specifications & compliance with operational and safety standards.
- Manage technical design of products for Project, directing developers in the implementation of the products, providing troubleshooting assistance & Project Planning and Program Evaluation Reviews.
- Define technical solutions, specifically application Architecture design.
- Direct the Team Leads in defining scope of work and resource plans.
- Provide technical coordination, from design through implementation, with clients, Team Leads and Sub-contractors.
- Analyzing configurations of the basic structural components of a building or other structure.
- Calculating the pressures, stresses and strains that each component, such as a beam or lintel, and other parts of the structure due to human use or environmental pressures such as weather or earthquakes.
- Considering the strength of various materials, e.g. concrete, steel and brick, to see how their inclusion may necessitate a change of structural design.
- Liaising with other designers, including architects, to agree on safe designs and their fit with the aesthetic concept of the construction.
- Follow up the work according to approved project schedule to hand over project in given time frame.

- Examining structures at risk of collapse and advising how to improve their structural integrity, such as recommending removal or repair of defective parts or rebuilding the entire structure.
- Making drawings, specifications and computer models of structures.
- Provide assistance with diagnosing construction issues.
- Participate in planning and execution of testing activities to ensure the quality according to the specifications.
- Supervise & take charge of the activities and productivities of staff.
- Prepare & maintain related project technical documentation.
- Ensure safety regulations are being implemented and observed at the site.
- Planning, implementation and monitoring work schedules and progress on site in accordance to the master and detailed work program.

III. Name of employing firm : Communication & Works Department (C & W),  
Government of Punjab, Pakistan

Title of position : Manager (Structures Design)

Location of assignment : Lahore Ring Road Authority (LRRRA)  
Project Management Unit, Lahore Pakistan

Period of assignment : January 2009 - March 2011

### PROJECT MANAGEMENT UNIT

The Project Management Unit (PMU) was established by the Communication & Works Department (C & W) for the primary purpose of identifying, developing and implementing modern Project Management practices and technology for the management and control of development projects undertaken by the Government of the Punjab, Pakistan. PMU operates under the supervision of the Provincial Steering Committee for Projects Management.

### LAHORE RING ROAD PROJECT

The Lahore Ring Road LRR was a Road Sector Mega Project being developed by the Punjab Government, Pakistan. It is one of the esteemed mega projects in Indo-Pak sub-continent which has been constructed based on all the International Standards & codes using High Tech Equipment and state of the art technology. The development of this project has ensure efficient, speedy & control movement of freight & passengers, removal of traffic conflicts and help to boosting up the industrial potential development. The alignment of Ring Road appears in form of loop stretches from North to South of Lahore City. The construction of LRR consists of 6 Lane divided carriage way of total length 90 Km, Interchanges with Loops, Ramps, Service Lanes, Pedestrian Underpasses (PUPs), RCC Bridges, Reinforced Earth Abutments/Walls, Over head Pedestrian bridges, Utility Culverts, Subways, Drains, Underpasses, Flyovers and allied works. For the construction management purposes the Lahore Ring Road Project is bifurcated into Phase-I & Phase-II which consist of 17 No. & 04 No. of packages respectively. Each package cost about USD 40-50 Millions. The consultancy and Contracting services are provided by NESPAK (National Engineering Services Pakistan, Pvt. Ltd.) & NLC (National Logistic Corporation, Pakistan) respectively.

### MAJOR HIGHLIGHTS:

- Supervision of all civil work at site as per contract drawings and Specifications.
- Coordination in respect of all matters with project managers and client representative.
- Maintain daily and monthly progress reports.
- Maintain record of approvals of inspection and material tests.
- Maintain Quality Assurance and quality Control and taking up the quality issues with the concerns.
- Checking/Pre Approval of Contractor's invoices.
- Checking/Pre Approval of additional quantities.
- Review and approve the Geometric and Structural Design & to check and remove the discrepancies and shortcomings in the design & to oversee the revision of the drawings accordingly.
- Review and certify "As Built" Drawings prepared by contractor's team and to ensure the accuracy and compliance.
- Arrange weekly meetings with client & main contractor to check the progress of project and to solve the problems.
- Visit the sites in order to settle down the technical problems related to projects with various Governmental Departments including Water & Power Development Authority (WAPDA), Water & Sanitation Authority (WASA) & Pakistan Telecommunication Company Ltd (PTCL) etc.
- To supervise the preparation of BOQ, Engineer's estimates & the preliminary cost estimates (PC-I) including their respective revisions to seek their Technical & Administrative sanctions.
- To check & verify the final estimates including item wise rates of the project for each quarter of year for the sake of approval from competent authorities i.e. Communication & Works Department and ultimately from Planning and Development Department Government of Punjab, Pakistan.

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- Lead a team of professional Structure Design Engineers, Quantity Surveyors & CAD operators.

IV. Name of employing firm : ATCO, Saudi Arabia  
Title of position : Projects Cost & Planning Engineer  
Location of assignment : ATCO Head Office, Dammam - Saudi Arabia  
Period of assignment : January 2008 - to December 2008

As Project Cost & Planning Engineer, I have been working on various multistory building & industrial projects, including “Al-Hugayat Tower” Al-Khobar worth USD. 50 Million, “Khurais Industrial Support Complex” (ARAMCO Project) worth USD. 100 Million, “Zamil House” Al-Khobar worth USD. 50 Million & “Center for Human Resource Development” Rastanora (ARAMCO Project) worth USD. 70 Million.

#### **MAJOR HIGHLIGHTS:**

- Assist the Engineering and Project Manager(s) in the co-ordination of the project team, Cost planning, cost controlling, Project works, resource planning and scheduling.
- To manage technical design of products for Project, directing developers in the implementation of the products, providing troubleshooting assistance & Project Planning and Program Evaluation Reviews.
- To ensure that project costs were plan; cost estimates are provided in order to control costs.
- To produce weekly/monthly cost reports. Production of monthly cash flow forecast.
- To assist in tender analysis and documentation and to measure works and evaluates & analysis of claims.
- Liaise with Finance Cost Manager to ensure project costs are accounted for correctly.
- To assist Corporate Finance in administration of project financing facilities.
- To control and manage cost, Time & Resources (CTR's).
- Involved in a joint venture of ATCO with UK based consultant company E.C.Harris for the restructuring and standardization of various norms as well as procedures of the ATCO group.

V. Name of employing firm : National Engineering Services Pakistan (Pvt.) Ltd.  
Title of position : Senior Engineer  
Location of assignment : NESPAK House, Lahore - Pakistan  
Period of assignment : February 2007 - December 2007

#### **NOKIA BTS SHELTERS AND TOWERS PROJECT**

As Senior Engineer in NESPAK since February 2007, I have been working on Nokia BTS Shelters & Towers Project for the northern & central region. The Client was TELENOR. Telenor Group is a Norwegian multinational telecommunications company.

#### **MAJOR HIGHLIGHTS:**

- Supervision of Green field BTS Sites of TELENOR Project, Checking layouts, excavation work of tower foundation, BTS Pad foundation, and Boundary Wall foundation.
- Supervision of concreting of Tower Foundation, Tower columns, BTS & Genset Pads with Quality assurance tests of Concrete.
- Supervision of Tower Erecting & Tower Paint works, Earthing, Electrification, Flooring of site, Fire alarm system according to specification.
- To manage coordinate and execute the work at site, to maintain work discipline, to prepare and Implement work schedule and overall supervision of work.
- Make site acceptance from & to client.
- To supervise the material always before the execution of each activity to maintain the quality of work.
- Ensure safety of self and subordinates while on job.
- Report accidents. Suggest & take remedial action to prevent re-occurrence.
- Ensure the safety of company assets, equipment & tools.
- Meet response time deadlines in accordance with contractual deadlines.

VI. Name of Employing Firm : TEVTA, Technical Education & Vocational  
Training Authority, Government of Punjab  
Title of Position : Deputy Manager (Technical) BPS-18  
Location of Assignment : TEVTA Secretariat, Lahore - Pakistan  
Period of Assignment : October 2005 - January 2007

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## **REHABILITATION OF EXISTING EDUCATIONAL BUILDINGS PROJECT**

As Deputy Manager (Technical) BPS-18 in, TEVTA Secretariat Lahore, Technical Education & Vocational Training Authority, Government of Punjab, since October 2005 to January 2007, I had been involved in rehabilitation of more than existing 400 educational/Institutional buildings all over the province of Punjab.

### **MAJOR HIGHLIGHTS:**

- Supervise the all civil RCC worked from survey, reinforcement shuttering concreting Internal and External plumbing work as per technical specifications & design requirements, resolving construction problems as they arise in accordance with projects specifications and drawing.
- Reviewing shop drawings and material for the project prior to submission to the client.
- Planning the activities and checking quantities done at site supervising the reinforcement work.
- Supervise the all RCC work, Mechanical work maintained to as per Technical specification according to client requirements.
- Coordinating all the construction activities.
- Coordinating with all the sub-contractors to ensure the required quality of work on sites by weekly meetings.
- Quality control on the sites and reporting the quality issue to office and then afterwards cleaning them up.
- Complete electrical works and earthing works supervision.
- Design review for construction works and deployment of new design by consulting with the design office.
- Coordinating with the design department to ensure that all the buildings are built as per the approved design.
- Coordinating with the design department for the construction of retaining walls on site, if needed.
- Preparation of as-built BOQ's and assessment of any extra work/variations carried out at site.
- Coordination with client for Provisional acceptance.
- Develop and implement quality control programs, Prepare progress reports & land acquisitions for new projects.

VII. **Name of Employing Firm** : Sheikh Zayed Medical Complex, Lahore  
**Title of Position** : Assistant Engineer (Civil) BPS-17  
**Location of Assignment** : Lahore - Pakistan  
**Period of Assignment** : June 2002 - September 2005

Sheikh Zayed Medical Complex comprising of 800 beds is an autonomous body attached with Cabinet Division Government of Pakistan, has five components; FPGMI, SZH, NHRC, INHS & NIKD. I had been involved in following projects:

### **NIKD (NATIONAL INSTITUTE OF KIDNEY DISEASES, LAHORE) PROJECT**

A multistory building comprising of 250 beds is constructed with funding from the WWF (workers welfare fund). The cost of project was Rs. 350.00 million.

### **SFINHS (ADDITIONAL BLOCK-SHEIKHA FATIMA INSTITUTE OF NURSING & HEALTH SCIENCES, LAHORE) PROJECT**

A multistory additional Block In Sheikh Fatima Institute of Nursing & Health Sciences was constructed with a total cost of Rs. 38.53 million.

### **IMPROVEMENT OF EXISTING FACILITIES AT THE SHAIKH ZAYED HOSPITAL, LAHORE**

To improve the medical facilities and provide modern diagnostic and therapeutic medical equipment to Sheikh Zayed Medical Complex, a project of total cost of Rs. 455 million was approved for improvement process like modernization of the operation theaters & endoscopic rooms, rehabilitation of Al-Nahayan VIP room & installation of false ceiling. The old HVAC system was refurbished with the consultancy of NESPAK.

### **MAJOR HIGHLIGHTS:**

- Act as project Engineer on the behalf of SZMC for construction work and involved in ensuring construction plans.
- Supervision of Civil work from foundation to finishing work as per contract drawings and Specifications.
- To meet guidelines and specifications of building codes and other regulations, preparing contract documents.
- Preparing of the tender documents & pre-qualification of Construction & consultant firms.
- Review and evaluate tenders for construction project.
- Evaluate and recommend appropriate building and construction materials.
- Interpret, review and approve civil design work, calculations and cost estimates.
- Supervising the site survey conducted by contractor.

VIII. **Name of Employing Firm** : Potential Engineers (Pvt.) Ltd.  
**Title of Position** : Civil Engineer

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**Location of Assignment** : Ghazi Barotha - Pakistan  
**Period of Assignment** : April 2000 - May 2002

Potential Engineers over the years have successfully installed a number of 500 kV, 220 kV and 132 kV Transmission Lines and Sub-Stations for WAPDA & KESC. Potential Engineers have emerged as a dependable company, not confined to power projects only, but also to handle High Tech Equipment and state of the art technology. After completing my graduation, I joined this esteemed organization as civil engineer.

### **POWER DISPERSAL OF GHAZI BAROTHA POWER PROJECT, ERECTION OF 40 D/C. TOWERS**

Project awarded by NTDC (National Transmission & Dispatch Company) having Cost Rs. 15 Million regarding Transmission Arrangement for Power Dispersal of Ghazi Barotha Power Project, Erection of 40 D/C. Towers of 13 Km of Barotha - Rawat 500kv Transmission Line.

#### **MAJOR HIGHLIGHTS:**

- To study the shop drawings and specifications to ensure the standards and requirements
- Monitor construction work of tower foundations including Quality control testing of the concrete.
- Analysis of soil and concrete Laboratory data.
- Assisted Resident Engineer in preparation of reports/presentations based on geotechnical instrumentation data.
- Supervised installation of Geotechnical Instruments.
- Supervised installation of Inclinator, joint meter, survey markers and analysis of data for movements.
- Follow up the work according to approved project schedule to hand over project in given time frame.

#### **QUALIFICATION:**

Name of institution	Degree / Certificate	Duration / Passing year	Grade
PUCIT, Punjab University, Lahore, Pakistan	Post Graduation M.Sc Computer Science	Spring 2001-2003 (Evening)	A-Grade
University of Engineering & Technology, Lahore, Pakistan	Graduation B.Sc Civil Engineering	1995-2000	A-Grade
Government College of Science, Wahdat Road, Lahore, Pakistan	HSSC / Intermediate F.Sc (Pre-Engineering)	1992-1994	A-Grade
Cathedral School Hall Road, Lahore, Pakistan	SSC / Matriculation with Science Subjects	1990-1992	A-Grade

#### **EXTRA CURRICULAR ACTIVITIES:**

- Spend leisure time on Web Surfing and Web Development.
- Reading books on Civil Engineering, Computer Sciences & English Literature.
- Playing & Watching cricket & Swimming.

#### **IT SKILLS:**

- C/C++, MS Visual Basic, Visual C, Assembly Language Programming, SQL, HTML & UML.
- Microsoft Visual Web developer, Flash, Front page, Macromedia Dream Weaver, Fire Works, Adobe Photoshop, Image ready.
- Windows XP/7/8, Linux & MS-DOS.
- Apache web server, Personal web server, MS Proxy Server, Exchange server.
- SQL Server 2000, MS Access.
- Microsoft office 2007, 2010 & 360
- Developed of a software; "Automated Designing, Detailing & Cost Estimation of Reinforced Concrete Components", This package deals with all aspects of automation capabilities of Reinforced Concrete components designing & have been successfully commercially employed in the designing, detailing and cost estimation of Reinforced Concrete Components.

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## **LINGUISTICS:**

Comprehending professional communication in English, Arabic, Urdu & Punjabi.

## **PERSONAL INFORMATION:**

<b>Nationality</b>	<i>Pakistan</i>
<b>National Identity card Number</b>	<i>35200-1443508-5</i>
<b>Passport Number</b>	<i>BY9825083</i>
<b>Date &amp; Place of Birth</b>	<i>March 08, 1976, Lahore-Pakistan</i>
<b>Father's Name</b>	<i>Abdul Mannan Malik (Rt.GM. WAPDA)</i>
<b>Mother's Name</b>	<i>Shahida Mannan</i>
<b>Marital Status</b>	<i>Married</i>
<b>Religion</b>	<i>Islam</i>
<b>Affiliation with Professional Institute</b>	<i>Member Pakistan Engineering Council</i>
<b>PEC (Pakistan Engineering Council) Reg. No.</b>	<i>CIVIL/23374</i>
<b>Saudi Arabia Permanent Resident ID.</b>	<i>Yes</i>
<b>SCE (Saudi Council of Engineers) Reg.</b>	<i>Yes</i>
<b>Saudi Arabia Driving License</b>	<i>Yes</i>

## **SUMMARY:**

I believe that my educational background and commitment to serving your organization, qualifies me well for a position in your company. I am looking for career where I have to deal professionally and maintain a high level of confidentiality. In addition I have the ability to exercise initiative and work either in team environment or independently. I believe that with these recognized skills I will not be just another employee, but an asset to your organization.