MANGLA DAM : INSTALLATION, TESTING AND COMMISSIONING OF 100 MVA HYDRO POWER GENERATION

NAME: MR.NAVEED BIN QASIM

ENROLLMENT:03-298172-009

SEMESTER: Fall 2018, MSPM -III A

PROGRAM: MS (PROJECT MANAGEMENT)



BAHRIA UNIVERSITY LAHORE CAMPUS

SUBMITTED TO: Mr. Shehzad Ahmad

SUBMISSION DATE: January 25 , 2019

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Water Power and Development Authority

AUTHORIZATION CERTIFICATE

This witness statement is issued to the applicant for the fulfilment of his MS (Project Management) program requirements being carried out at Bahria University Lahore Campus (BULC).

It is witnessed that **Naveed Bin Qasim** Enrollment: **03-298172-009** Class: **MSPM-III** Semester: **Fall 2018** has contacted / visited / frequently utilized our premises / participated in our real-time projects for implementing project management skills using EPM as a leading software tool.

He, in case of participation in organization's project, has contributed fully / partially in the following project(s) and within the highlighted fields (planning, scheduling, earned value analysis)

Installation, Commissioning and Testing of 100 MVA & 125 MVA Hydro Power Generator at Mangla Dam

He has been found skillful in applying EPM Primavera in the fields (planning, scheduling, earned value analysis, performance monitoring, claim debugging).

Additionally, it is noteworthy to mention that **Mr. Naveed Bin Qasim** demonstrated good ethical practices, enthusiastic approach to work, task convergence capabilities, professionalism while his stay / connection with this organization.

Attested by

Usman Farooq

Certified By Organization Officer:
(Signature, Stamp & Date)

Asstt. Manager Design (En.)
613- WAPDA House, Lahore

Name: **Usman Malik**
Designation: **Sub Divisional Officer**
Organization Name: **NTDC, WAPDA**

PREFACE

As per the requirement criteria of MSPM degree program in Bahria University, I have learnt various Project Management tools and techniques and done practically implementation. So, to materialize my efforts, I am submitting a comprehensive report which will consists of two segments.

My project is to carry out Planning and Scheduling of " **Installation and Commissioning of 100 MVA Hydro Power Generation for Mangla Dam"** located at Jhelum in Punjab using Primavera P6, a modern world tool to implement the best Project Management Practices dictated by PMI. Primavera is enterprise project portfolio management software. It includes project management, product management, collaboration and control capabilities and integrates with other enterprise software such as Oracle and SAP's ERP systems. Report includes the brief history of the Organization that undertook the said project, context in which project was carried and most importantly it discusses how Planning & Scheduling of the said project was carried how using Primavera P6. Report also includes necessary supporting the literature, the conclusions and recommendations being rendered after having the work on Primavera and the understanding/issues/familiarity with new features that was perceived/ realized during working on Primavera.

ACKNOWLEDGEMENT

Firstly, all praise is for Allah (Subhan-a-Watallah) who gave me strength and knowledge. I would like to attribute my success to my family who supported me to achieve this milestone. This project might not have been so comprehensive without the valuable guidance of our respected mentor Mr. Shehzad Ahmad , Bahria University Lahore Campus.

I highly admire the cooperation and extended support of **Mr. Usman Farooq (Assistant Manager Extra High Voltage) Wapda House Lahore**

It would not have been possible without the kind support of Bahria University management and my class fellows.

24/1/2015