

Estimation Engineer Mechanical

SHAHBAZ AKHTAR

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Education:

1992 Certificate D/Man (Mech.) two year Pak-Nederland Technical Training Center Multan
1990 Certificate D/Man (Mech.) one year Govt. Technical Training Center Multan

Technical Training / Course / Achievements

- Achievement Award of Health, Safety & Environment Programmer (Marubeni-Japan).
- Bunyadi Training for Supervisor From (DESCON Engineering Ltd)

Computer Knowledge

Software Package Microsoft Excel Microsoft WinWord,
(PCS) Project Control System from DESCON Engineering Ltd.
Lotus for emails, Outlook for emails.

Professional Experience - 27 Years (i) Experience in Pakistan - 16 year (ii) abroad - 11 year

Organization Descon Engineering Limited (ISO 9001 Approved)
Address Descon World Headquarters, 18Km, Ferozepur Road, P.O. Box 1201, Lahore
5300, Pakistan Phone (0092-42-5805134)
Duration since Dec. 16, 1998

1.1 Jun. 2018 to To date

Position **Estimation Engineer Mechanical**
Organization DESCON UZ-750 Island Surface Facilities Project EPC-2 value is 102 Million.US\$
Client Petrofac Emirates LLC
Owner ZADCO Abu-Dhabi UAE

Responsibilities Included:

- Reconciled all Final Bill of Quantities and cost (FBOQ) with Client.
- Piping Fabrication and Erection FBOQ.
- Erection of piping tie-ins.
- Modification work on existing Plant.
- Pipe Support FBOQ.
- Equipment.
- Steel Structure.
- Painting
- Insulation Work
- Supervise & preparation of M.S for piping tie-in works, direct field works & TSF works.
- Supervise the calculation of quantity ID's for progress monitoring and invoicing system.
- Supervise of daily progress monitoring.
- Identifies changes in BOQ / work scope based on revised drawings and updates accordingly.
- Verification of Isometrics after joint markings.
- Evaluates and records Extra work (if any) associated with revised drawings and reports to field engineer.
- Estimation against site instruction received from client.
- Estimation against STQ, RLM Drawing received from client.
- Prepares data for invoicing purposes and Identifies final bill of quantities.
- Verification of Sub-contractor invoicing.
- Maintain of (STQ) site technical query, (PQP) Project Quality Plan.
- Verification of as built piping isometrics drawings for final submission to client.
- Document Issuance to Construction team & QC team through DPMS

1.2 Jan. 2011 To May 2018

Position	Estimation Engineer Mechanical
Organization	(DESCON) Plateau Maintenance Project (PMP) value is 82 Millions. US\$
Client	Technip Chiyoda Joint Venture. (TCJV) Project is completed Project work And arbitration work (DESCON-TCJV)
Owner	Qatar Gas (QATAR)

Responsibilities Included:

- Piping BOQ. Total ID = 870,000, Steam tracing lines 40,000 LM.
- Erection of piping tie-ins 250 Nos. During SD / PSD
- Modification work on existing Stacks during SD
- Modification work in Colum during SD.
- Pipe Support BOQ is 800 tons.
- Equipment 200 Nos.
- Steel Structure. 8,000 Ton.
- Painting 90,000 sqm.
- Insulation Work 142,000 LM
- Reconciled above all Final Bill of Quantities and cost (FBOQ) with Client.
- Supervise & preparation of M.S for piping tie-in works, direct field works & TSF works.
- Supervise the calculation of quantity ID / Ton for progress monitoring and invoicing system.
- Supervise of daily progress monitoring through (DPMS).
- Identifies changes in BOQ / work scope based on revised drawings and updates (DPMS) accordingly.
- Verification of Isometrics after joint markings.
- Evaluates and records Extra work (if any) associated with revised drawings and reports to field engineer.
- Estimation of variation request.
- Prepares data for invoicing purposes and Identifies final bill of quantities.
- Verification of Sub-contractor invoicing.
- Maintain of (STQ) site technical query, (PQP) Project Quality Plan.
- Verification of as built piping isometrics drawings for final submission to client.
- Document Issuance to Construction team & QC team through DPMS

1.3 Sep 2008 To Dec 2010

Position	Lead Quantity Surveyors (Mechanical)
Organization	(DESCON) Shell Pearl GTL Project Qatar , value is 200 Millions. US\$
Client	JGC & KBR. (Civil & Mech. Work)
Owner	Shell Qatar Limited

Responsibilities Included:

- Responsible of BOQ / FBOQ for mechanical works (piping) Total ID= 450,000, Steam tracing lines 35,000 LM, FRP Piping for AOC & COC Lines 3,000 LM. Dia 24 to 72 Inch.
- Pipe Support BOQ is 750 tons.
- Calculate and verify the Quantity of piping ID's for progress monitoring and invoicing.
- Verification of BOQ enters into (DPMS) daily for progress monitoring system.
- Identifies changes in BOQ / work scope based on revised drawings and updates (DPMS) accordingly.
- Verification of Isometrics after joint markings.
- Evaluates and records Extra work (if any) associated with revised drawings and reports to field engineer.
- Prepares and reconciled Final Bill of Quantity and Cost (FBOQ) with client.
- Verification of Sub-contractor invoicing.
- Maintain of (STQ) site technical query, (PQP) Project Quality Plan.
- Verification of As-built piping Isometrics drawings for final submission to client.

1.4 Oct. 2003 To Aug 2008

Position	Quantity Surveyors Mechanical
Organization	(DESCON) Mirani Dam Joint Venture. (Mirani Dam EPC Project)
Client	NEAC Consultant.
Owner	Pakistan, WAPDA (Mirani Dam EPC Project)

Responsibilities Included:

- Responsible of BOQ for mechanical works Irrigation conduit pipe dia 6 ft., Low conduit pipe dia 3 ft., Main canal and DLs head/cross regulator structures, platform, hand railing, Aqueduct cum bridge structure, hand railing and Temporary mechanical arrangement (slip form) for concreting of Dam face slab and Spillway chute slab and embedded items.
- Cost center-wise BOQ, total man-hours, direct materials, direct consumable and whether the job is a BOQ item or extra work.
- Calculate the quantity of Irrigation Conduit Pipe dia 6 ft with Irrigation Control System, (Intake & OCS, Stop logs and Embedded Parts) for MDJV's Claim for Escalation of price of Steel & Steel Products.
- Calculate the quantity of Low Level Conduit Pipe dia 3 ft with Low-level Control System, (Intake Stop logs and Embedded Parts) for MDJV's additional Claim and Claim for Escalation of price of Steel & Steel Products.
- Responsible enters BOQ into (DPMS) daily progress monitoring system.
- Identifies changes in BOQ / work scope based on revised drawings and updates (DPMS) accordingly.
- Evaluates and records Extra work (if any) associated with revised drawings and reports to field engineer.
- Prepares data for invoicing purposes and Identifies final bill of quantities.
- Verification of Sub-contractor invoicing.

1.5 Oct. 2002 To Sep. 2003

Position	Quantity Surveyors Mechanical / Planning Supervisor
Organization	Descon Engineering Limited
Client	CLOUGH Engineering Limited
Owner	OMV (SAWAN Gas Field development Project.)

Responsibilities Included:

- Responsible of BOQ for piping CS, SS, ally steel, galvanized, pipe supports, steel structure and equipments.
- Responsible enters BOQ into (DPMS).
- Evaluates and records extra work associated with revised drawings and reports to field engineer.
- Marking on piping Iso's field welds and shop welds.
- Verifies quantities achieved by the sub-contractors.
- Compares construction drawings with tender drawings.
- Prepares data for invoicing purposes and Identifies final bill of quantities.
- Balance work to be completed.
- Monthly Invoicing.
- Preparation of material requirement schedule for shifting to site.
- Preparation of mobilization and demobilization schedules of Manpower and Equipment.

1.6 Apr. 2002 to Sep. 2002

Position	Site Supervisor / Material Controller.
Organization	Descon Engineering Limited.
Client	JGC-Marubeni Corporation (Japan)
Owner	(PARCO) Pak-Arab Refinery Company.
Job	Boiler Modification Job.

Responsibilities Included

- Supervise of direct Job as per client schedule erection of boiler tubes and other actives.
- Supervise the hydrostatic test of boiler as per specification.
- Prepare the daily schedule for erection job.
- Supervised the unloading of material and proper arrange the material in material yard.
- Inspection of material as per client specification.
- Prepare the daily schedule for material shifting.
- Rectify the damage material as per specification.

1.7 Feb. 2001 To May. 2001

Position	Quantity Surveyor Mechanical
Organization	Descon Engineering Limited
Client	ABL-Alance Betchal Linde
Owner	Adnock Oil and Gas Company (UAE)
Job	Erection of Petrochemical Project (BROUGE)

Responsibilities Included

- Responsible of BOQ for piping CS, SS, ally steel, galvanized, pipe supports, steel structure and equipments.
- Responsible enters BOQ into (DPMS).
- Evaluates and records extra work associated with revised drawings and reports to field engineer.
- Marking on piping Iso's field welds and shop welds.
- Verifies quantities achieved by the sub-contractors.
- Compares construction drawings with tender drawings.
- Prepares data for invoicing purposes and Identifies final bill of quantities.
- Preparation of weekly and monthly progress report for client and H.O.
- Updated status (MWR) for store and site.
- Estimation of additional job (Piping and pipe Supports)
- Verification of Sub-contractor invoicing as per Drawings and as per Contract.
- Receiving and issuing of drawing and field document through transmittal.
- Maintain of old and new revisions up to 4000 piping Iso's and Equipment, Structure Drawings.
- Maintain of (STQ) site technical query, (PQP) Project Quality Plan.

1.8 Annual shutdowns. 2000

Position	Shutdowns (Planner)
Organization	Descon Engineering Limited.
Client	AES LalPir (Private) Limited (America) AES Pak Gen. (Private) Limited
Job	Maintenance of 2x362 MW Oil Fired Power Plant Mehmood Kot District Muzaffargarh (Pakistan)

Responsibilities Included

- Estimation of additional job (Piping, pipe Supports and Steel Structures)
- Preparation of mobilization and demobilization schedules of Manpower and Equipment.
- Coordination in cost center and expense head wise Budget Preparation.
- Cost Control as per budget requirement.
- Daily schedule for manpower and material.
- Updated status (MWR) for store and site.
- Daily SIR (Store Issue Requisition) checking for proper booking cost code wise.
- Receiving and issuing of drawing document through transmittal.
- Vendor manual record updating.

1.9 Dec. 1998 To July. 2000

Position	Quantity Surveyor / Supervisor (Planning)
Organization	Descon Engineering Limited.
Client	JGC-Marubeni Corporation (Japan)
Owner	(PARCO) Pak-Arab Refinery Company.
Job	Erection of Refinery

Responsibilities Included

- Prepare the BOQ of Tanks (Floating roof, conical roof, Doom roof, Spherical) and Structure of tanks, and Piping, Pipe Supports.
- Prepare the BOQ of Tanks, Piping, Pipe Supports and Painting Work.
- Estimation of additional job (Piping, pipe Supports and Steel Structure)
- Marking of Piping Iso's.
- Verification of Sub-contractor invoicing as per Drawings and Contract.
- Prepare the Monthly Invoicing as per Contract.
- Balance Work to be completed.
- Preparation of mobilization and demobilization schedules of Manpower and Equipment.
- Coordination in cost center and expense head wise Budget Preparation.
- Cost Control as per budget requirement.
- Cash in / out flow forecast next three month.

- Cost forecast next month.
- To manage the skilled manpower for client.
- Preparation the budget for site.
- Preparation the three-week schedule for site and client.
- Preparation of material requirement schedule for site and client.
- Up dated (PCS) Pocument Control System, Drawings and other documents.
- Daily SIR (Store Issue Requisition) checking for proper booking cost code wise.

1.10 Dec. 1997 To Nov. 1998

Position	Document Control (Supervisor)
Organization	Babcock & Wilcox INT.INC
Client	SABA Power Company
Owner	SABA Power Company
Job	Erection of 125 MW Oil Fired Power Plant Project (Farooqabad) Sheikhpura, (Pakistan)

Responsibilities Included

- Receive file, retrieve and distribute all field documents as required according to company procedures.
- Reproduction of document as required.
- Maintain / update engineering stick file.
- Complete drawings record updating (Soft Copy and Hard Copy).
- Complete Specification record updating.
- Updated status (MWR) for store and site.
- Vendor manual record updating.
- Co-ordination with sub-contractors & client in Engineering Maters.
- Calculate the quantity of piping, Equipment and Steel Structure.

1.11 Dec. 1995 To Dec. 1997

Position	Quantity Surveyor / Supervisor (Planning)
Organization	Descon Engineering Limited
Client	MHI - Nichimen Corporation (Japan)
Owner	AES Lalpir (Private) Limited (America) AES Pak Gen. (Private) Limited
Job	Erection of 2x362 MW Oil Fired Power Plant Project at Mehmood Kot District Muzaffargarh (Pakistan)

Responsibilities Included

- Prepare the BOQ of Steel Structure, Equipment, Piping & Painting of Steel Structure, Equipment.
- Estimation of additional job (Piping, pipe Supports and Steel Structure)
- Verification of Sub-contractor invoicing as per Drawings and as per Contract.
- Monthly Invoicing as per Contact.
- Extra Work Invoice as per Drawings.
- Daily Progress Monitoring.
- Analysis of material / consumable reports.
- Weekly Schedule for construction.
- Cash in / out flow forecast next three month.
- Cost forecast next month.
- Up dated (PCS) Pocument Control System, Drawings and other Documents.
- Daily SIR (Store Issue Requisition) checking for proper booking cost code wise.

1.12 Nov. 1993 To Dec. 1995

Position	Assistant Planning
Organization	Descon Engineering Limited
Client	GEC Alsthom Export Deutsche BABCOCK (SIEMENS)
Job	Gas Turbine Power Station (WAPDA) Kot Addu (Pakistan) 200MW Combine Cycle Unit 11-12 & 397 MW Unit 13~15

1.13 Apr. 1993 To Oct. 1993

Position	Draft's Man Mechanical
Organization	Descon Engineering Limited
Client	China Power Company
Job	Erection of 2x210MW Thermal Power Project (WAPDA) Unit 5 & 6 Muzaffargarh (Pakistan)

1.14 May. 1992 To Mar. 1993

Position	Draft's Man Mechanical
Organization	Techno Parts (Pvt.) Limited
Client	Rostand & Sohrab Cycle Factory
Job	Extension Rustam & Sohrab Cycle Factory

PERSONAL INFORMATION

Date of Birth	March 01, 1969
Nationality	Pakistan
Religion	Islam
Marital Status	Married
Languages	English, Urdu
Passport No.	AY1340153