

Waleed Arshad

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DIRIYAH DEVELOPMENT AUTHORITY APPROVED

Summary

As a seasoned BIM Manager with 9 years of experience in the Middle East, I offer technical expertise and leadership skills. I've successfully implemented BIM processes and standards and am proficient in Autodesk Revit, Navisworks, and Civil 3D. With a strong understanding of construction methods and processes, I effectively collaborate with teams and communicate with stakeholders. I'm confident in my ability to drive project success and contribute to organizational growth.

Work Experience

BIM Manager | IDEC | Riyadh KSA May 2024 - present

Managing large-scale Middle East projects, including NEOM, Diriya Gate, and Tamimi projects. I am implementing ISO 19650 standards, ensuring compliance and best practices. I create and manage critical documents like BEP, MIDP, and COBie, collaborating with cross-functional teams for seamless project delivery. Drive project efficiency and accuracy, while providing exceptional client service and support.

Senior BIM Engineer | NESPAK Pvt Ltd | Karachi PAK July 2023 - April 2024

Led a key project for Karachi's Yellow Line Metro, managing a team of design engineers and BIM modelers. Utilized advanced BIM skills, including clash detection, 4D scheduling, and quantity takeoff, to produce BIM models, BEP, and MIDP. Implemented ISO 19650 standards and coordinated with Karachi Municipality and the Asian Development Bank to deliver the project using a BIM-centric approach.

BIM Design Engineer | IRINATECH Pvt Ltd | Lahore PAK June 2022 - July 2023

Directed the successful delivery of Union Towers A, B, C, D, the head office building, and the Tower 21 high-rise. Oversaw comprehensive Architectural and Structural BIM models, and MEP design via BIM, strictly adhering to ISO 19650 standards. Utilized advanced BIM methodologies, including clash detection, 4D scheduling, and quantity takeoff, to ensure precision and efficiency across all project phases.

AEC Technical Specialist | AUTODESK Inc. | Dubai UAE Dec 2018 - May 2022

Reviewed technical documents and collaborated on customized designs to achieve process improvement and compliance. Guided clients through the CAD-to-BIM transition, developing BIM documents and providing consultancy under Autodesk Consultancy. Assisted prospective clients in creating BIM models of various LODs and resolving technical issues. Developed BIM models and clash analysis reports for webinars. Analyzed client business processes to recommend optimal software applications, presented cost-benefit and ROI estimations to business leaders, and led strategic technology planning initiatives.

Junior Engineer | NESPAK Pvt Ltd | Karachi PAK March 2018 - Nov 2018

As a Junior Engineer, I played a key role in establishing the BIM department and delivering presentations to clients. I developed 3D models for hospital and hotel projects, covering Architectural, Structural, MEP, Clash Detection, and 4D aspects. I also assisted in scheduling using Primavera and MS Project for complex projects. Additionally, I supported onsite BIM implementation to ensure project success.

Projects

Beyond modeling and documentation, these projects encompass developing BEPs and MIDPs, responding to EIRs, Company evaluation, creating templates, detecting and resolving clashes, participating in coordination meetings, integrating BIM 360 Cloud, and providing team support. Additionally, learning and implementing standards like ISO 19650 and PAS 1192. A few Projects are listed below:

Tamimi Temporary Residence - KSA	3D BIM Modeling and Documentation
King Abdullah Financial District - KSA	Complete Design and Drawings VIA BIM
DUBA, Shigri, and HAQL Labour Camps - KSA	BEP and GIS Execution Plans
Quatifean island Water Park - Qatar	LOD 400 and 500 Modeling Shop Drawings
Four Season Villas - KSA NEOM	and LOD 500 Modeling Arch, Struct, MEP
Indus Hospital Karachi - Pakistan	Modeling and Drawings Arch, Struct, MEP
Divine Mercy School Building -Canada	Modeling and Drawings
Union Towers A, B, C, and D - Pakistan	MEP Design and BIM Modeling Structure,
Tower 21 Citi Housing - Pakistan	MEP Design and BIM Modeling Complete
Citi Housing Farm House - Pakistan	Design and Drawings Via BIM
Takmeel Square - Pakistan	Infrastructure Development
Manor Park Residence - UK	3D and 4D BIM Modeling
Yellow Line Metro - Pakistan	Buildings and Infra Design Via BIM
Admin Building China Port - Pakistan	6D BIM Modeling

Education

2021 - 2024	Masters in Engineering Management ——— (GPA 3.73/4.00)	NED UET Pakistan
2013 - 2017	Bachelor of Engineering - Civil Engineering — (GPA 3.71/4.00)	NED UET Pakistan

Certifications

2020	Autodesk Certified Professional in Revit Architecture	Pearson VUE
2020	Autodesk Certified Professional in Revit Structure	Pearson VUE
2020	Autodesk Certified Professional in Revit Mechanical Design Systems	Pearson VUE
2025	PMP Certified	PMI

Conference

2019	Attended - Autodesk University Conference	(Las Vegas USA)
2019	Attended - Autodesk University Conference	(Middle East Dubai)
2020	Presented - National Highway BIM Infrastructure	(Islamabad PAK)
2020	Presented - IAPEX - Institute of Architecture Event	(Lahore PAK)
2023	Presented - IAPEX - Institute of Architecture Event	(Karachi PAK)

Skills

Technical Skills — Execution plans, Bidding and Tendering, Autodesk Revit Architecture, Autodesk Revit Structure, Autodesk Revit MEP, Primavera, Synchro Pro, Autodesk Navisworks, AutoCAD, Autodesk Construction Cloud, BIM 360, ISO 19650, PAS 1192, Bluebeam, Technical Documentation, Project Management, MS Office

Soft Skills — Leadership, Communication, Human Skills, Presentation, Client interaction, Problem-solving, Collaboration, Team Support, Team player, Self-motivation, Attention to detail, Analytical, Empathy

FAISAL ELECTRO-MECHANICAL CO. LTD.

RIYADH - C. R. 1010135922, C.O.C. 72063
AL-KHOBAR - C.R. 2051023432, C.O.C. 2835
PAID UP CAPITAL - 10,000,000 Saudi Riyals

شركة فيصل للأعمال الكهربائية والميكانيكية ذ.م.م

الرياض: س.ت ١٠١٠١٣٥٩٢٢، رقم العضوية ٧٢٠٦٣
الخبر: س.ت ٢٠٥١٠٢٣٤٣٢، رقم العضوية ٢٨٣٥
رأس المال المدفوع ١٠,٠٠٠,٠٠٠ ريال سعودي

Date: 31 Aug 2025

To: **INNOVATIVE DESIGN AND ENGINEERING CONSULTANCY (IDEC)**

Project: Package C - Diriyah Gate Phase 1
North & South Tunnels – MEP & Tunnel Fit-Out Project (DD-2022-212)

Subject: **APPROVAL OF BIM MANAGER (MR. WALED ARSHAD)**

References: (1) DG-PIN-473-0000-FEM-PQQ-PR-000004_R02 / PRS-WTRAN-009773

Dear Concerned,

This letter is issued for reference purposes only to confirm that Mr. Waled Arshad was reviewed and accepted as BIM Manager during the prequalification approval process for Innovative Design and Engineering Consultancy (IDEC) in connection with FEMCO's project: Diriyah Gate Phase 1 – North & South Tunnels – MEP & Tunnel Fit-Out Project (DD-2022-212).

As part of the formal evaluation, Mr. Waled Arshad was interviewed by the relevant authorities and assessed in accordance with the project prequalification requirements. Following this assessment, he was approved under the herewith attached transmittal as Referenced in (1).

- Approval Date: **25 April 2024**
- Project Name: **Diriyah Gate Company Limited Phase 1**
- Approval Authorities: **AECOM (Supervision Consultant)** and **PARSONS (Engineer)**
- Approved Position: **BIM Manager**

This letter is issued solely to confirm the above and does not constitute any contractual, legal, or commercial commitment.

Yours Faithfully,

On Behalf of Faisal Electro-Mechanical Co. Ltd. (FEMCO)

Paul Tulk
Project Director

CC:
FEMCO Head Office



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هاتف: +٩٦٦ ١١ ٤٦٤ ٩٠٩٣ - فاكس: +٩٦٦ ١١ ٤٦٥ ٩٥٦٠
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رأس المال المدفوع ١٠,٠٠٠,٠٠٠ ريال سعودي

Maaz Ahmed
SAUDI ARABIAN PARSONS LIMITED

Final (WF-539690) DGPIN473-FEM-AEC-PRS (Commercial/Procurement) DG-PIN-473-0000-FEM-PQQ-PR-000004_R02 - PREQUALIFICATION FOR IDEC INT. FOR BIM WORKS

25/04/2024
PRS-WTRAN-009773

Diriyah Gate Company Limited Phase 1
8500 Prince Sattam Ibn Abdulaziz Al Shoh
AD DIRIYAH 12572
Riyadh
4000 Saudi Arabia

PARSONS
SAUDI ARABIAN PARSONS LTD
شركة بارسونز العربية السعودية المحدودة

MAIL TYPE: Workflow Transmittal
MAIL NUMBER: PRS-WTRAN-009773
REFERENCE NUMBER: PRS-WTRAN-009773

Final (WF-539690) DGPIN473-FEM-AEC-PRS (Commercial/Procurement) DG-PIN-473-0000-FEM-PQQ-PR-000004_R02 - PREQUALIFICATION FOR IDEC INT. FOR BIM WORKS

From: Mr Maaz Ahmed - SAUDI ARABIAN PARSONS LIMITED
To (3): Mr Ali Alali - AECOM (+2 more...)
Cc (79): Mr Mohamed Aqlan - AECOM (+78 more...)
Sent: Thursday, 25 April 2024 12:06:43 PM AST (GMT +03:00)
Status: N/A

DOCUMENT ATTACHMENTS (1)

(0 selected)

File	Document No	Revision	Revision Date	Title	Status
	DG-PIN-473-0000-FEM-PQQ-PR-000004	02	27/03/2024	PREQUALIFICATION FOR IDEC INT. FOR BIM WORKS	B-Approved with Comments

ATTRIBUTES

Attribute 1: DG1/DG/PIN473-DG N+S Spine Tunnels MEP & Finishes

MESSAGE

Workflow Review History

The attached documents have completed the "DGPIN473-FEM-AEC-PRS (Commercial/Procurement) DG-PIN-473-0000-FEM-PQQ-PR-000004_R02 - PREQUALIFICATION FOR IDEC INT. FOR BIM WORKS" workflow with the following results:

Doc No	Step	Participant	Review Outcome	Comments
DG-PIN-473-0000-FEM-PQQ-PR-000004	FEM-AEC	A Alali	Approved with Comments	Please refer to the attached CRS comments in the PDF. CODE - B
	AEC-PRS	M Ahmed	Approved with Comments	Please see attached replaced file.



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