

A leading engineering consultant is looking for a dedicated persons to join his innovative team in Cairo office. As a premier Consultant, we focus on enhancing the quality of life and promoting sustainable growth. You will be integral to the success of various engineering projects, facilities, using your expertise for successful project execution. This is an opportunity to work in a dynamic environment and contribute to projects that have a lasting impact.

SR.	POSITION	EXP.	SKILLS /QUALIFICATIONS	CODE
1	Senior Mechanical Design Engineer (Infrastructure)	12+	Design and development of water, sewage, and irrigation transmission systems, including reservoirs, pumping stations, equipment selection, piping design & calculations and compliance with regulatory standards. Design and development of Mechanical works for wastewater water treatment plants. Excellent report writing, presentation, and communication skills.	CME2511
2	Mechanical Design Engineer (Infrastructure)	6+ 2+		CME2512
3	Senior Mechanical Design Engineer (HVAC/FF/Plumbing)	15+	Design of HVAC, firefighting & plumbing systems, including load calculations, equipment selection, ductwork design, air distribution layouts, fire suppression systems, fire alarms, sprinkler systems, smoke management systems, water supply, drainage, and sewage systems. (BIM proficiency is required)	CME2513
4	Mechanical Design Engineer (HVAC/FF/Plumbing)	6+ 2+		CME2514
5	Senior Design Engineer (Wet Utilities)	10+	Experience in the design and hydraulic modeling of potable water networks, transmission pipelines, distribution systems, firefighting networks, stormwater drainage, sanitary sewer, treated sewage effluent (TSE) and irrigation systems. Proficiency in hydraulic modeling and surge (water hammer) analysis for water and wastewater systems, detailed engineering designs/drawings. Excellent in preparing, and reviewing technical studies, design reports, hydraulic calculations, project specifications, and BOQs, performing BIM modeling for wet utilities and resolve clashes with other services using Navisworks. Familiarity with international codes and standards (NWC, AWWA, BS, NFPA, etc.). Ability to coordinate with multidisciplinary teams and support project execution from concept to detailed design. Strong software skills such as Water GEMS, Sewer GEMS, Bentley HAMMER, AutoCAD, Civil 3D, Navisworks, ESRI GIS.	CWU2511
6	Design Engineer (Wet Utilities)	6+ 2+		CWU2512
7	Structural Design Engineer/ Senior Structural Design Engineer	6+ 15+	Experience in the residential, commercial, and industrial projects. Proficiency in structural analysis and design software such as AutoCAD, Revit, ETABS, SAFE, SAP2000, Tekla, STAAD Pro, or similar. (BIM experience and steel structure aware are preferred)	CSE2511
8	Structural Design Engineer/ Senior Structural Design Engineer (Water Structure)	6+ 15+	High Experience in water structure such as PS, WTP, WWTP, Proficiency in structural analysis and design software such as AutoCAD, Revit, ETABS, SAFE, SAP2000, Tekla, STAAD Pro, or similar. BIM experience and steel structure aware are preferred.	CSE2512
9	Structural Engineer	2+	Proficiency in structural analysis and design software such as AutoCAD, Revit, ETABS, SAFE, SAP2000, Tekla, STAAD Pro, or similar. BIM experience and steel structure experience are preferred.	CSE2513
10	Senior Road Design Engineer	10+	Extensive knowledge and experience in road design. Proficiency in AutoCAD, Civil 3D and road engineering analysis tools (e.g. MX Road, OpenRoads). Thorough understanding of relevant international codes, regulations and standards. Expertise in developing the conceptual and detailed design.	CRE2511
11	Road Design Engineer	2+		CRE2512
12	Senior Architectural Engineer/Architecture	12+	Proven track record in residential, commercial and industrial projects including interior design and 3D modeling & visualization. Expertise in preparing the conceptual and detailed designs, ensuring coordination across disciplines, and contributing to clash detection and resolution during the design and construction phases. Knowledge of international standards, codes, and statutory authority requirements. Proficiency in 3Ds Max, AutoCAD, Revit and Photoshop. Familiar with landscape-oriented projects, developing concept and detailed designs and coordinating infrastructure elements (i.e. paths, irrigation zones). BIM proficiency is required.	CAE2511
13	Architectural Engineer/Architecture	2+ 6+		CAE2512
14	Senior Draftsman (Wet Utilities)	10+	Experience in wet utilities (water, wastewater, transmission pipelines, and stormwater networks). Proficiency in detailed design drawings, shop and as-built drawings for wet utility networks, utilize BIM, and 3D modeling tools to support design, coordinate with engineering teams to ensure accuracy of drawings ensuring compliance with international codes and Saudi relevant standards. Strong knowledge of software's such as AutoCAD, and Civil 3D, knowledge of Revit or Plant 3D is an advantage.	CWD2511
15	Draftsman (Wet Utilities)	5+		CWD2512
16	Senior Mechanical Draftsman / BIM Modeler	10+	Proficient in CAD software (i.e., AutoCAD, Revit) and Navisworks to develop and coordinate 3D models and 2D drawings for mechanical systems including PSs, WTPs, WWTPs and infrastructure works, ensuring coordination across disciplines, and contributing to clash detection and resolution during the design and construction phases. BIM proficiency is required.	CMD2511
17	Mechanical Draftsman / BIM Modeler	3+		CMD2512
18	Senior Mechanical Draftsman/BIM Modeler	10+	Proficient in CAD software (i.e., AutoCAD, Revit) and Navisworks to develop and coordinate 3D models and 2D drawings for mechanical systems including HVAC, ductwork, and chilled water piping, FF & plumbing works, ensuring coordination across disciplines, and contributing to clash detection and resolution during the design and construction phases. BIM proficiency is required.	CMD2513
19	Mechanical Draftsman/BIM Modeler	3+		CMD2514
20	Report / Document Controller	10+	Experience in document controlling, formatting English/Arabic documents, Skilled in MS office, with expertise in Word, Excel, and PowerPoint presentations. Excellent report writing, presentation, and communication skills. Graphic designing is plus.	CDC2511
21	Electrical Design Engineer (Dry / Wet Utilities)	6+	MV/LV power distribution for wet-utilities & infrastructure (pump stations, valve/ reservoirs, WTP/WWTP buildings). Preparing Load lists, SLDs, cable sizing & voltage-drop, short-circuit & load-flow (ETAP), earthing & lightning, lighting (Dialux), panel schedules, UPS/generator coordination, and SEC/WTTCO/SWCC specs compliance. Proficient in AutoCAD & Revit MEP; BIM coordination is Plus.	CEE2511
22	Electrical Design Engineer	2+	Solid fundamentals in power systems (MV/LV), willingness to learn design workflows (load lists, SLDs, cable sizing, lighting basics), familiarity with AutoCAD; exposure to Revit MEP/Dialux is a plus. Good English writing, attention to detail, and commitment to codes (IEC/BS/NFPA) & internal QA/QC procedures.	CEE2512
23	Senior ICT/ELV Design Engineer	8+	Fundamentals of structured cabling & passive networks (TIA/EIA), fiber optics & FOC routes, network rooms (IDF/MDF), and coordination of low-current systems (CCTV, ACS, PAGA, SMATV, telephony/data). Basic AutoCAD; exposure to Revit/BIM is a plus. Understanding of related standards (TIA/EIA, IEC, NFPA-72) and readiness to coordinate with electrical/architectural teams.	CIC2511
24	ICT/ELV Design Engineer	2+	Fundamentals of structured cabling & passive networks (TIA/EIA), fiber optics & FOC routes, network rooms (IDF/MDF), and coordination of low-current systems (CCTV, ACS, PAGA, SMATV, telephony/data). Basic AutoCAD; exposure to Revit/BIM is a plus. Understanding of related standards (TIA/EIA, IEC, NFPA-72) and readiness to coordinate with electrical/architectural teams.	CIC2512
25	Senior Scada/Control Design Engineer (Wet Utilities)	8+	Proficiency in preparing the conceptual and detailed design of SCADA and automation works for water systems (i.e. pump stations, WWTPs, WTPs, RO desalination plants, water & sewage networks and main pipelines). Strong experience in using the relevant instrumentation & control systems, preparing hook-up details, and developing & reviewing instrumentation index, I/O lists, data sheets, P&IDs, and control system architecture, ensuring compliance with international codes and Saudi relevant standards. Participate in HAZID, HAZOP and support risk assessments and design reviews. Water sector/application experience is mandatory.	CSC2511
26	Scada/Control Design Engineer (Wet Utilities)	2+		CSC2512
27	Senior Geotechnical Engineer	12+	Solid understanding of soil mechanics, foundation design, ground improvement, and material testing. Familiarity with geotechnical investigation standards (ASTM, AASHTO, Eurocode). Experience in reviewing third-party geotechnical reports and preparing procurement documents (RFQs/ToRs). Basic knowledge of relevant geotechnical software is a plus (e.g., PLAXIS, GeoStudio). Experience in Saudi standards is required. Excellent report writing, presentation, and communication skills in English.	CGT2511
28	Planning and Scheduling Engineer	3+ 6+	Proficiency in project scheduling tools (Primavera P6, MS Project). Good understanding of design and construction processes and sequencing. Understanding of resources (Manpower-Equipment), cost load, Estimation Duration, Mapping sheet & Narrative report. Excellent report writing, presentation, and communication skills.	CPL2511
29	Lead RO Process Engineer	12+	Expertise in RO process systems, including pre-treatment, post-treatment stages and chemical conditioning. Skilled in design tools (IMSDesign, ROSA, WAVE), SCADA/DCS systems, PFDs/P&IDs, mass balance and hydraulic calculations, design review, troubleshooting process issues, and preparing technical documentation / O&M. Excellent report writing, presentation, and communication skills.	CPR2511
30	Senior Process Engineer	8+	Expertise in sewage treatment plant design with strong knowledge of conventional and advanced wastewater treatment processes (activated sludge, MBR, MBBR, tertiary treatment, sludge management, etc.). Hands-on experience with process simulation software (e.g., BioWin & similar design tools) proficiency in design review, creating PFDs/P&IDs, equipment sizing, feasibility studies. Familiarity with international standards and codes (e.g., EPA, WHO, ISO, local authority requirements). Excellent report writing, presentation, and communication skills.	CPR2512
31	Senior Hydrology and Storm Drainage Engineer	10+	Expertise in modeling of stormwater management systems, including storm sewers, culverts, channels, detention/retention basins, and other drainage infrastructure. The role requires strong technical expertise in hydrology and storm network, knowledge of international and Saudi relevant standards, and the ability to manage complex projects from concept to delivery. Strong knowledge of hydrological analysis, hydraulic modeling, flood routing, erosion control, and sediment transport. Proficiency in the relevant software (i.e. HEC-HMS, HEC-RAS (1D/2D), ArcGIS, AutoCAD Civil 3D, storm design applications). Excellent report writing, presentation, and communication skills.	CSD2511
32	Hydrology and Storm Drainage Engineer	3+		CSD2512
33	Technical Office Engineer	8+	Experience in design offices to provide expert engineering support for design projects. The role involves ensuring that all drawings, plans, and specifications are accurately executed, complying with technical standards and project requirements. The candidate will assist design and site teams in solving technical challenges, monitor quality and safety, coordinate with design teams to ensure drawings and technical documentation are up to date, prepare detailed technical reports and proficiency in engineering software such as AutoCAD, Civil 3D, and Revit. Awareness of the design stages & requirements and design projects management. Excellent report writing, presentation, and	CTO2511
34	Quantity Surveying Engineer	8+	Experience in design offices to prepare accurate bills of quantities, preparing tender documents, cost estimates, and analyze prices based on work items and market rates for design projects. The role involves reviewing design drawings, coordinating with design teams, ensuring compliance with technical specifications, and supporting project budgeting and cost control. Proficiency in AutoCAD, Excel, Revit and specialized quantity surveying software (e.g., Candy, CCS). Excellent report writing, presentation, and communication skills.	CQS2511



Interested candidates will share resume at career@principlesgroup.net



Please refer to the job code in the subject of the email, Only shortlisted candidates will be called in person for interview