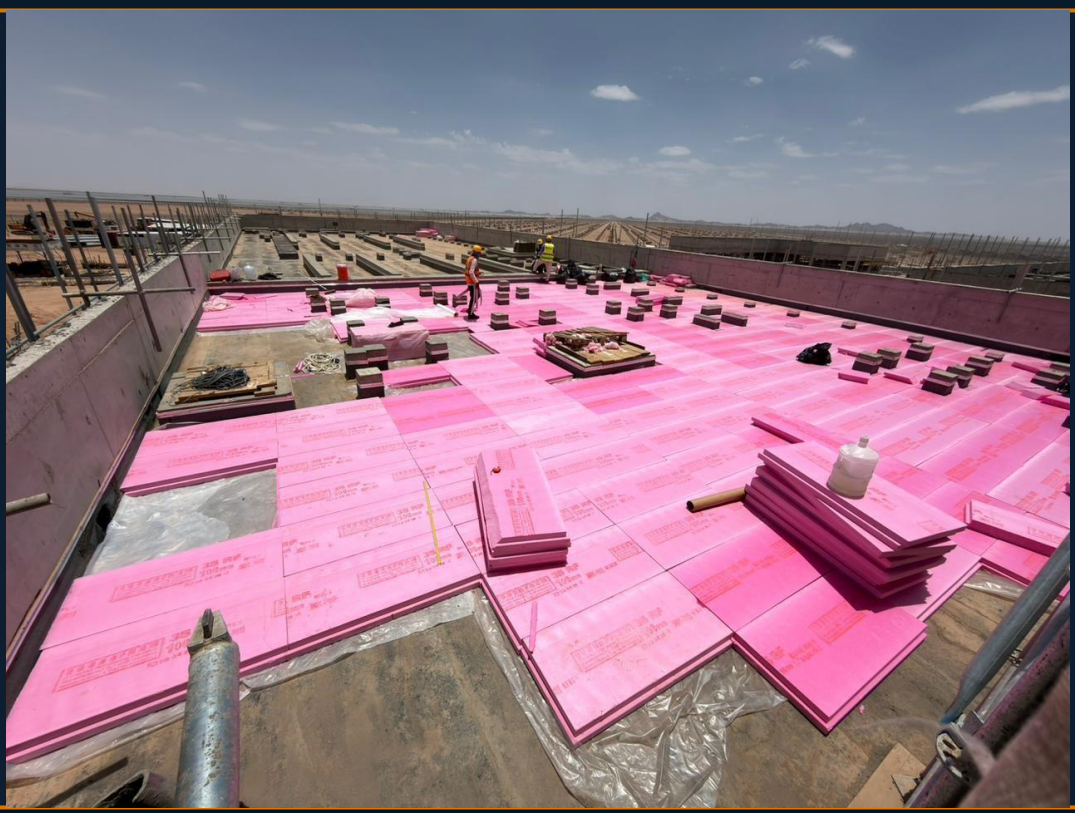
KINGDOM OF SAUDI ARABIA | VISION 2030

SUNRISE BUILD TEAM COMPANY

قماعلا تلواقملل يتيلب زيلناس تكرش

CORPORATE CAPABILITY & PREQUALIFICATION PROFILE

Specialized Civil Contracting, Structural Waterproofing & Thermal Insulation
Electromechanical (MEP) Engineering, Industrial Piping & HCIS Physical Security



Commercial Registration: 7053364316 • VAT ID: 314561233800003

ISO 9001:2015 (Quality) • ISO 14001:2015 (Environmental) • ISO 45001:2018 (HSE)

Headquarters: Office 301, Al Bawadi, Jeddah, Kingdom of Saudi Arabia

Email: umair@sunrisebuildteam.com | **Phone/WhatsApp:** +966 59 637 6380

CORPORATE INDEX

Document Structure & Executive Contents

A structured roadmap through Sunrise Build Team Company's capabilities, track record, governance, and verified credentials.

SECTION 01

Corporate Overview & Strategic Foundation

Coverage: Pages 03–06

Corporate History & Leadership, Saudi Vision 2030 Alignment, Core Operating Values, and Operational KPIs. Includes: 25+ Years Saudi Legacy, Zero-Harm Safety Pledge, and ISO Certified Management System.

SECTION 02

Core Multi-Disciplinary Engineering Capabilities

Coverage: Pages 07–16

Comprehensive technical scope spanning 9 specialized contracting divisions across civil, envelope, MEP, and security. Includes: Structural Waterproofing, 100mm XPS Roof Assemblies, Heavy Civil, MEP, Switchgear, and HCIS 4K CCTV.

SECTION 03

Field Execution Case Studies & Technical Galleries

Coverage: Pages 17–20

Step-by-step on-site photographic evidence, third-party witnessed test procedures, and industrial fabrication galleries. Includes: 48-Hour Hydrostatic Flood Ponding Tests, XPS Inverted Roof Plinths, and Certified Spool Fabrication.

SECTION 04

Quality Assurance, HSE & Project Governance

Coverage: Pages 21–23

ISO 9001/14001/45001 operating framework, ITP hold-point protocols, Zero-Harm directives, and 5-phase delivery model. Includes: 98% Weld First-Pass Pass Rate, Stop-Work Authority, and Contractual Milestone Governance.

SECTION 05

Official Regulatory Documents & Certifications

Coverage: Pages 24–34

Standalone, full-page official government registration certificates, tax compliance records, and ISO accreditations. Includes: Commercial Registration (CR), Chamber of Commerce, Saudi Aramco Approval, ZATCA Tax & VAT, Saudization, SPL & ISO.

SECTION 06

Major Project Track Record, Organization & Contact

Coverage: Pages 35–40

Verified tabular client project references, market sector coverage, client matrix, organizational hierarchy, and contact channels. Includes: Saudi Aramco, NWC, SWCC, 200+ Specialized Workforce Fleet, and Executive Headquarters in Jeddah. Vendor Approvals, Integrated Management System Manual, Customer Feedback

DOCUMENT ARCHITECTURE: 40 Master Pages • 6 Core Operational Sections • ISO Tri-Certified Standard

Fully licensed and authenticated under Kingdom of Saudi Arabia commercial and municipal laws.

Executive Statement:
Delivering Engineering Certainty



From the Office of the Chief Executive Officer

Building the Future of Saudi Infrastructure

As the Kingdom advances toward the transformative milestones of **Saudi Vision 2030**, infrastructure demands technical precision, unwavering reliability, and world-class safety standards. For over **25 years** (delivering projects across the Kingdom since 1999), **Sunrise Build Team Company (SBT)** has served as a dedicated multi-disciplinary contracting partner to public authorities, industrial leaders, and commercial developers. Headquartered in Jeddah with kingdom-wide mobilization capabilities, we deliver end-to-end turnkey contracting self-delivered by our directly employed workforce of 200+ certified engineers, QA/QC specialists, and master technicians.

Core Multi-Disciplinary Services

- **Specialized Waterproofing & Tanking:** ASTM/BS-compliant heavy-duty SBS torch-applied membranes, cold polyurethane coatings, PVC water stops, and high-pressure chemical leak injection.
- **Building Envelope & Thermal Insulation:** SBC 601/602-compliant 100mm Extruded Polystyrene (XPS) rigid boards and SPF inverted roof systems, certified by mandatory 48-hour hydrostatic flood tests.
- **Industrial Flooring & Screeds:** Seamless high-build epoxy screeds, self-leveling hygienic finishes, anti-static ESD flooring, and polyurethane car park traffic decks.
- **Civil Infrastructure & External Works:** MOT-compliant heavy asphalt paving, decorative stamped concrete, interlocking pavers, and HCIS-rated perimeter security fencing.
- **Aggregate Supply & Bulk Logistics:** Direct GPS-monitored fleet supplying certified MOT Class A/B base course, sub-base, and graded aggregates at 2,500+ metric tons daily.
- **Electromechanical (MEP) & HVAC:** Central chilled water plants, SMACNA Class 3 galvanized duct fabrication, air/hydronic balancing (TAB), and certified ASME B31.3 industrial pipe spool welding.
- **Power Distribution & Low Current:** Low/medium voltage switchgear (MDBs/MCCs), cable containment, and IEC/SEC-compliant grounding systems.
- **Fire Suppression & Life Safety:** UL/FM-approved fire pump skids, NFPA 13/14 sprinkler systems, and fire alarm systems prequalified by Saudi Civil Defense.
- **HCIS Physical Security & Surveillance:** Turnkey IP CCTV systems, central VMS monitoring rooms, and biometric access control compliant with High Commission for Industrial Security (HCIS SEC-01–10) directives.

SECTION 01: EXECUTIVE PROFILE

Sunrise Build Team Company (SBT) at a Glance

A premier Saudi contracting enterprise with over 25 years of operational excellence in turnkey engineering, specialized civil envelope, and electromechanical contracting.

Institutional Excellence in Saudi Construction

Sunrise Build Team Company (SBT) is a distinguished multi-disciplinary contracting firm headquartered in Jeddah, Kingdom of Saudi Arabia. Established in 1999 (formerly operating as JAJ General Contracting Establishment and later transitioning under unified commercial registration 7053364316), SBT has earned an enduring reputation for delivering complex engineering and construction projects across the Kingdom.

From high-specification structural waterproofing and building envelope insulation to heavy electromechanical (MEP) installations, industrial piping fabrication, and High Commission for Industrial Security (HCIS) compliant surveillance systems, SBT provides end-to-end turnkey contracting solutions.

Core Institutional Pillars:

- National Reach: Headquartered in Jeddah with active project execution capabilities across Western, Central, and Eastern Saudi provinces.
- Proven Track Record: Over 25 years of proven delivery on mission-critical public infrastructure, industrial plants, and utility projects.
- IMS Accreditation: Integrated Management System independently certified across ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018.
- Direct Workforce: Directly employed workforce of 200+ certified engineers, QA/QC inspectors, certified welders, and specialized tradesmen.



COMMERCIAL REGISTRATION

- Unified CR: 7053364316
- Entity: Single Person LLC
- Established: 1999 in KSA
- Status: Active & Prequalified

TAX & NATIONAL ADDRESS

- ZATCA VAT: 314561233800003
- National Address: Bldg 7636
- Al Bawadi Dist., Jeddah 23531
- Kingdom of Saudi Arabia

INTEGRATED SYSTEM (IMS)

- ISO 9001:2015 (Quality)
- ISO 14001:2015 (Environmental)
- ISO 45001:2018 (Health & Safety)
- UAF/ IAF Accredited Certification

SECTION 01: STRATEGIC FOUNDATION

Corporate Vision & Mission Statements

Grounded in Saudi Vision 2030, our strategic roadmap balances engineering innovation with enduring institutional reliability.

OUR VISION

Leading Provider of Sustainable & Resilient Construction in KSA

"To be recognized across the Kingdom of Saudi Arabia as the premier multi-disciplinary engineering contractor of choice, setting the national benchmark for technical precision, sustainable building envelope technologies, and consummate integrity in institutional infrastructure delivery."

Strategic Vision Objectives (Saudi Vision 2030 Alignment):

- Vision 2030 Transformation: Directly support giga-projects, urban infrastructure, and industrial logistics across Saudi Arabia.
- Energy-Efficient Envelopes: Pioneer high-performance extruded XPS thermal insulation and monolithic waterproof barriers.
- Kingdom-Wide Growth: Expand operational hubs from Jeddah across Riyadh and Eastern Province with dedicated plant.
- National Talent Empowerment: Invest in vocational technical training and Saudi engineering leadership development.

OUR MISSION

Delivering Engineering Certainty & Turnkey Professionalism

"Our mission is to empower developers, government entities, and industrial operators by executing mission-critical contracting works with uncompromising technical discipline, strict adherence to international safety standards, predictable scheduling, and exceptional cost transparency."

Core Execution Commitments:

- Integrated Turnkey Execution: Combine specialized envelope protection, structural civil, MEP, and HCIS security under single governance.
- Disciplined Quality Governance: Enforce multi-point ITP hold-point signoffs, verified method statements, and third-party testing.
- Unconditional Zero-Harm Culture: Maintain an injury-free workplace through active Stop-Work Authority, daily JSA, and full PPE.
- Predictable Scheduling: Deploy Primavera P6 schedule baselines, dedicated procurement pipelines, and direct skilled labor.

STRATEGIC PLEDGE: 100% Client Satisfaction • Zero-Harm Safety • Full Compliance

Delivering turnkey engineering excellence in full alignment with the objectives of Saudi Vision 2030.

SECTION 01: CORPORATE PHILOSOPHY

Core Values Guiding Operational Excellence

Our daily operations are anchored in four non-negotiable principles that protect our people, elevate quality, and build enduring client trust.

VALUE 01

Safety First & Workforce Well-Being

Occupational health and safety is an unconditional corporate value. Every employee and subcontractor operates under a strict Zero-Harm policy backed by proactive Stop-Work Authority, daily Job Safety Analyses (JSA), and mandatory full PPE enforcement across all active work sites.

- Zero-Harm Policy: Empowered Stop-Work Authority with zero retaliation.
- Mandatory PPE: Full EN/ANSI certified safety helmets, boots, eye shields, and harnesses.
- Daily Briefings: Multi-lingual toolbox talks addressing task hazards prior to each work shift.

VALUE 02

Uncompromising Quality & Engineering Rigor

Quality is non-negotiable across every project phase. Governed by our ISO 9001:2015 certified Integrated Management System, physical work proceeds strictly against approved Method Statements (MOS) and multi-point Inspection & Test Plans (ITP) with verified hold-point signoffs.

- Strict ITP Hold Points: Work proceeds only with written consultant WIR/RFI approval.
- Material Integrity: 100% receipt inspection with Mill Test Certificates & batch test reports.
- Third-Party Audits: Mandatory independent testing for concrete, welding, and impermeability.

VALUE 03

Accountability & Ethical Transparency

We maintain the highest standards of corporate governance, commercial integrity, and open client communication. Transparent progress tracking, verifiable third-party test records, and mutual accountability define our long-term institutional partnerships across the Kingdom.

- Predictable Milestones: P6 schedule monitoring with transparent earned value tracking.
- Commercial Integrity: Ethical bidding, fair subcontracting, and prompt vendor settlements.
- Client Partnership: Collaborative conflict resolution and open engineering dialogue.

VALUE 04

Technical Innovation & Modern Methodology

We continuously invest in state-of-the-art construction machinery, advanced elastomeric polymers, high-density extruded polystyrene insulation technologies, and computerized project management tools to maximize build efficiency and long-term asset lifecycle durability.

- Advanced Materials: 100mm XPS inverted roof systems and fast-reacting chemical injection resins.
- Modern Plant: Heavy asphalt pavers, hydraulic rollers, and mobile aggregate transport fleets.
- Digital Governance: Computerized QA records, digital weld tracking, and automated reporting.

THE SUNRISE PLEDGE: Integrity, Precision, and Unwavering Commitment to Saudi Engineering Standards.

SECTION 01: QUANTIFIABLE PERFORMANCE

Corporate Milestones & Operational Scale

Proven capacity, disciplined project governance, and verified track record established across the Kingdom of Saudi Arabia since 1999.

25+

YEARS EXPERIENCE

Continuous contracting presence across civil, MEP, and industrial infrastructure sectors in Saudi Arabia.

- Established 1999 under unified commercial registration 7053364316.
- Completed major institutional projects across all Saudi regions.

ESTABLISHED 1999 IN KSA

150+

COMPLETED PROJECTS

Successful project deliveries for government authorities, tier-1 contractors, and commercial developers.

- Water pipelines, pumping stations, airport fuel lines, and roads.
- 100% final taking-over certificates (TOC) and handover signoffs on file.

GOVERNMENT & COMMERCIAL

200+

SPECIALIZED WORKFORCE

Multi-disciplinary team of certified engineers, QA/QC managers, licensed welders, and applicators.

- 100% direct corporate sponsorship with zero reliance on day labor.
- ASME/AWS certified pipe welders and master waterproofing applicators.

DIRECTLY EMPLOYED EXPERTS

0

LOST-TIME INCIDENTS (LTI)

Impeccable occupational safety record maintained across active sites through proactive hazard control.

- 500,000+ safe man-hours executed with zero serious safety incidents.
- Proactive Stop-Work Authority granted to all site personnel.

UNCONDITIONAL ZERO-HARM

100%

QA/QC PASS RATE

First-pass acceptance on third-party witnessed water ponding tests, NDT weld exams, and pressure tests.

- 98% first-pass radiography/ultrasonic weld examination rate.
- Zero leak failures across all 48-hour hydrostatic flood tests.

THIRD-PARTY WITNESSED

ISO

IMS CERTIFIED SYSTEM

Independently audited and certified across quality, environmental, and occupational health systems.

- ISO 9001:2015 (Quality) & ISO 14001:2015 (Environmental Management).
- ISO 45001:2018 (Occupational Health & Safety Management).

9001 • 14001 • 45001

PROVEN RECORD: 150+ Completed Projects • Over 25 Years of Saudi Contracting Leadership

SECTION 02: CORE COMPETENCIES

Multi-Disciplinary Engineering & Contracting Scope

Integrated turnkey capabilities spanning structural waterproofing, civil infrastructure, electromechanical systems, and security technologies.

CONTRACTING DIVISION 01

Specialized Waterproofing & Envelope

Foundation tanking, SBS torch-applied membranes, cold-applied polyurethane liquids, PVC waterstops, and high-pressure chemical leak injection.

Core Systems: SBS Bitumen • Polyurethane • Crystalline Mortars

Standards: ASTM D5147 • BS 8102 • DIN 18195 Impermeability Certified

Target Scope: Basements, Water Retaining Tanks & Underground Vaults

✓ **Turnkey Capability: Self-Delivered & Certified**

CONTRACTING DIVISION 02

Roof Insulation & Surface Treatments

Inverted roof systems, 100mm XPS thermal insulation boards, spray polyurethane foam (SPF), industrial epoxy flooring, and traffic deck screeds.

Core Systems: Extruded XPS • Polyurethane Foam • Resinous Screeds

Standards: SBC 601/602 Energy Code • ASTM C578 Type IV Compliant

Target Scope: Rooftops, Logistics Warehouses & Pharmaceutical Plants

✓ **Turnkey Capability: Self-Delivered & Certified**

CONTRACTING DIVISION 03

Civil Works & External Infrastructure

Heavy asphalt paving, decorative stamped concrete, interlocking paver networks, traditional terrazzo finishes, and perimeter security fencing.

Core Systems: Heavy Asphalt • Decorative Pavers • HCIS Fencing

Standards: MOT General Specs Section 3.05 • ASTM C33 & ASTM C136

Target Scope: Access Roads, Commercial Plazas & Industrial Plots

✓ **Turnkey Capability: Self-Delivered & Certified**

CONTRACTING DIVISION 04

Specialized Material & Aggregate Supply

High-volume supply and logistics fleet delivering MOT-compliant sub-base, base course, crushed aggregates, dune sand, and plaster sand.

Core Logistics: 2,500+ Tons/Day Capacity • GPS Tracked Fleet

Standards: Ministry of Transport (MOT) Class A/B Certified Materials

Target Scope: Highway Contractors, Ready-Mix Plants & Megaprojects

✓ **Turnkey Capability: Self-Delivered & Certified**

CONTRACTING DIVISION 05

Mechanical & HVAC Systems (MEP)

Central chilled water systems, VRF / DX packaged units, precision GI ductwork fabrication, thermal cladding, and firefighting piping networks.

Core Systems: Chilled Water Plants • SMACNA Ducts • Fire Pumps

Standards: ASHRAE 90.1 • SMACNA Class 3 • NFPA 13 / 14 Compliant

Target Scope: Commercial Towers, Hospitals & Manufacturing Plants

✓ **Turnkey Capability: Self-Delivered & Certified**

CONTRACTING DIVISION 06

Electrical, Instrumentation & HCIS Security

Low- and medium-voltage switchgear, MCC panels, cable containment, grounding networks, and HCIS-compliant 4K IP CCTV with central VMS control rooms.

Core Systems: Switchgear Panels • VMS Walls • Biometric Speed Gates

Standards: HCIS SEC-01..10 Directives • IEC 61439 • SEC Approved

Target Scope: High-Security Substations, Data Centers & Industrial Plants

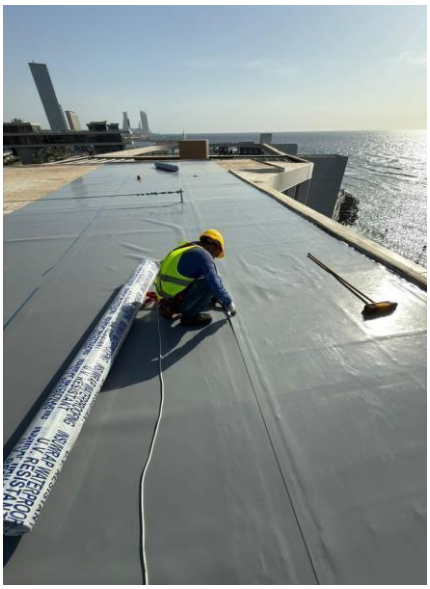
✓ **Turnkey Capability: Self-Delivered & Certified**

SELF-DELIVERED ENGINEERING: Direct Plant, Direct Certified Labor, and In-House QA/QC Governance.

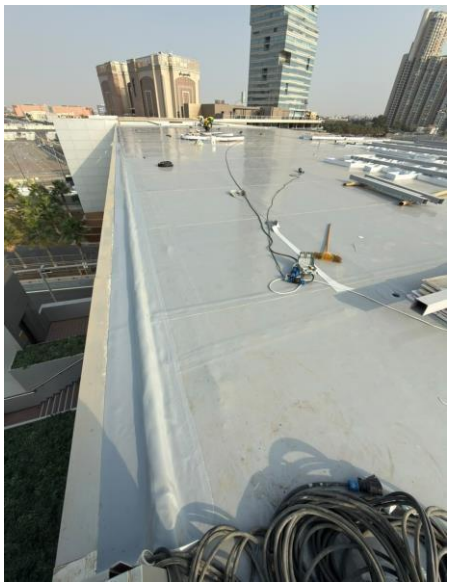
PVC Coating





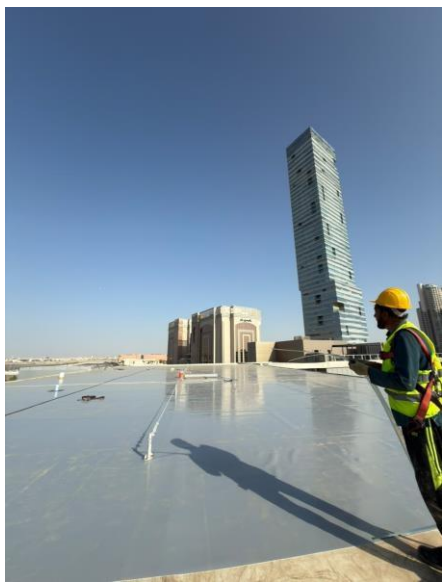




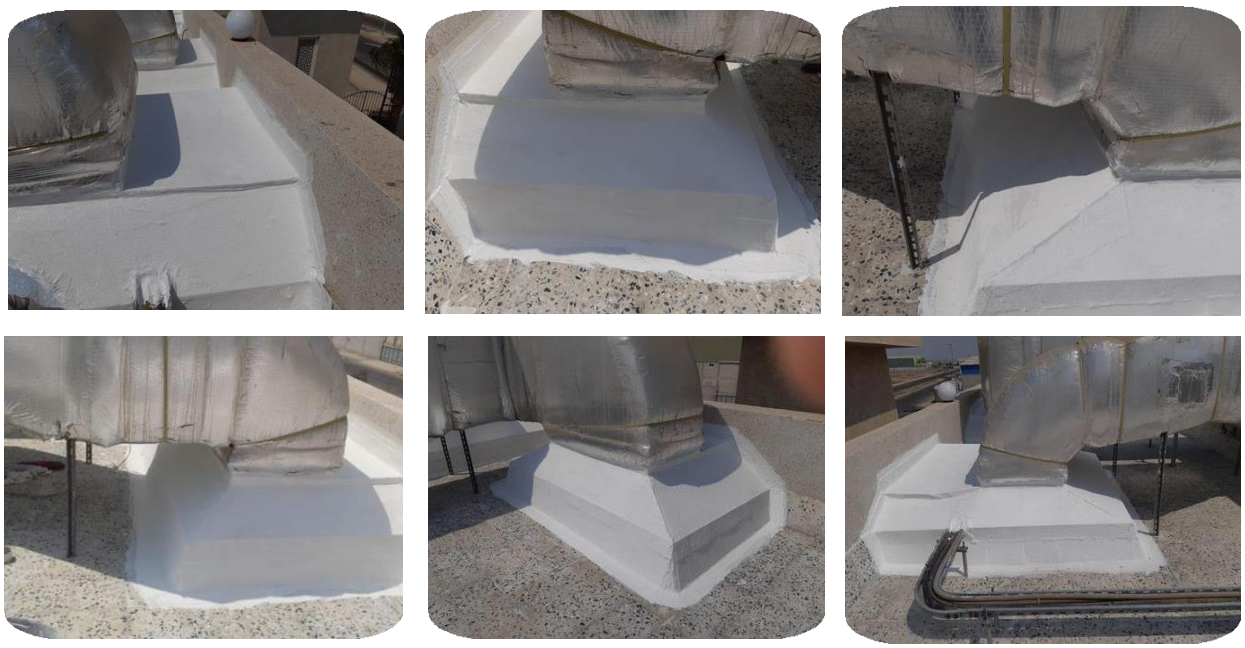








Roof Waterproofing



Waterproofing Membrane



Epoxy Work







Tarazo Work





Asphalt Works















Fence, Corcentina Works







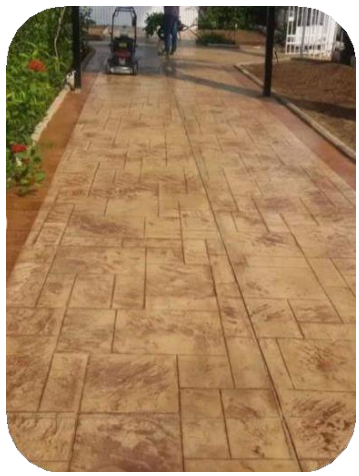
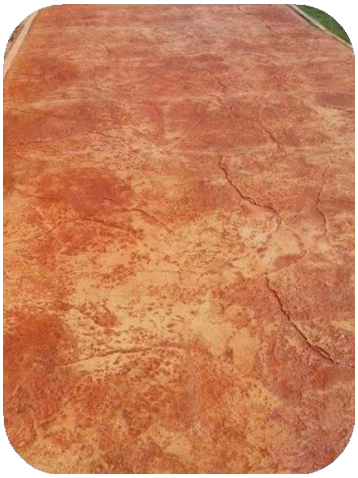
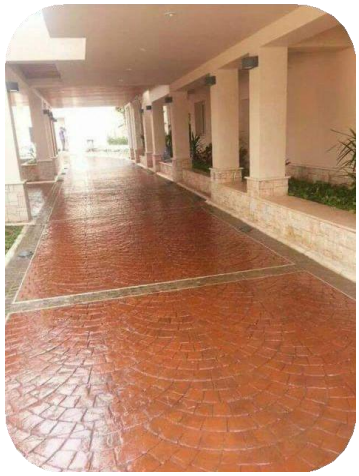




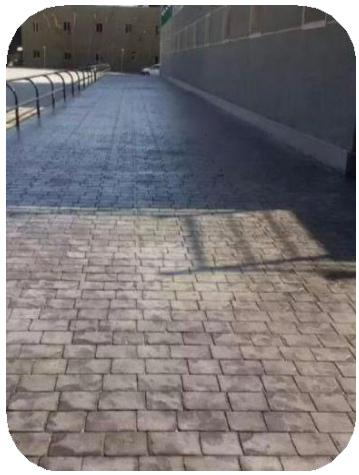


Stamped Concrete







Interlock Works











Spray Foam









Macro Cement

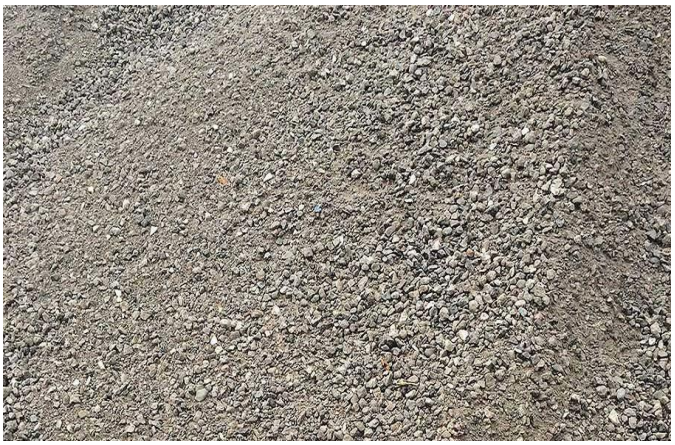






Sand supply, Base Coarse supply, & Sub-Base supply







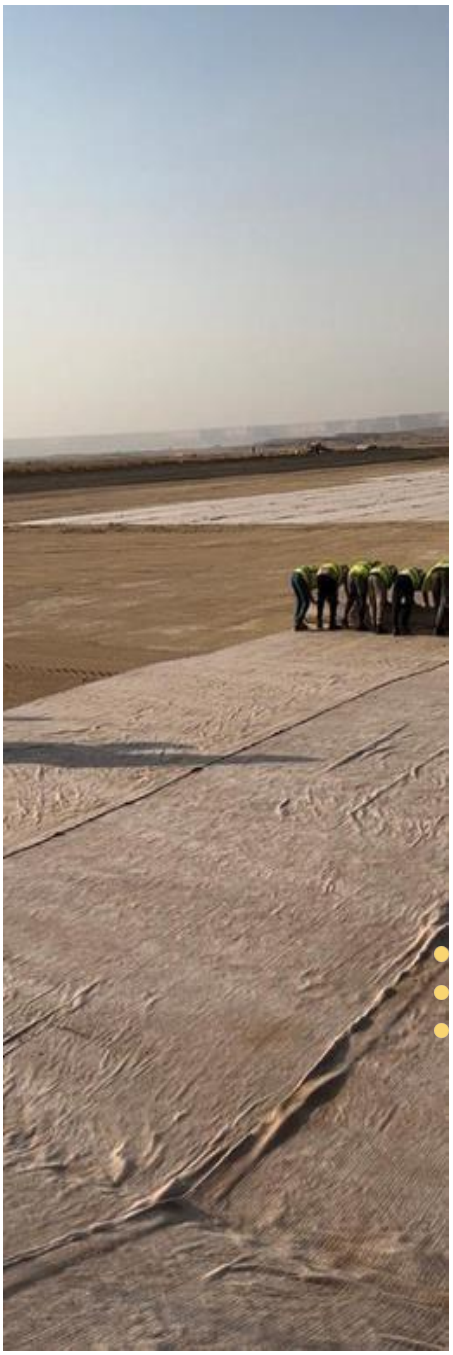






EPDM & HDPE







Waterproof Injection

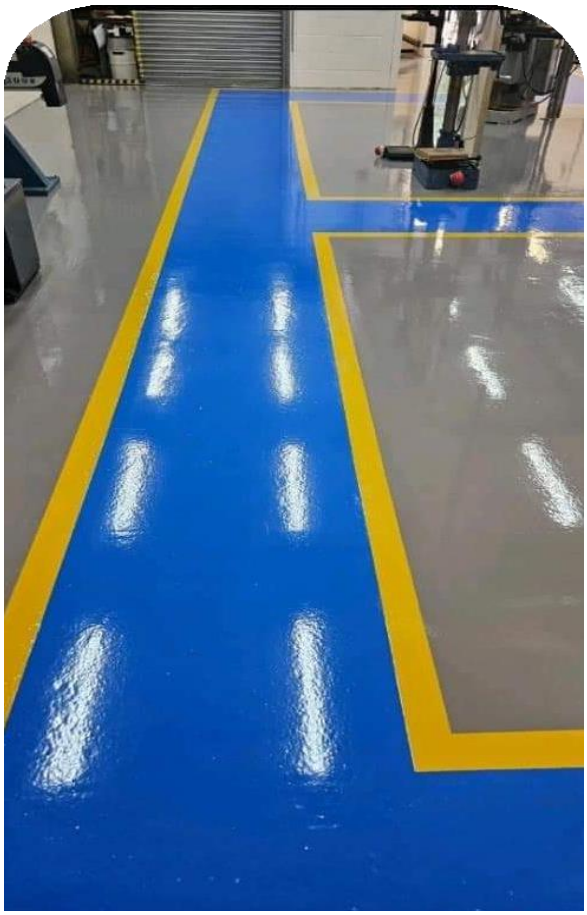




Waterproofing Works

- Epoxy Injection Works
- Leak Injection Works
- Concrete Injection Works
- Basement Injection
- EPDM & HDPE Waterproofing
- PVC Waterproofing
- Basement Waterproofing
- Floor Coating & Combo Roofing
- Combo Roofing System
- Thermal Insulation
- Polyurethane Insulation
- Warehouse Waterproofing
- Metal Roof Waterproofing



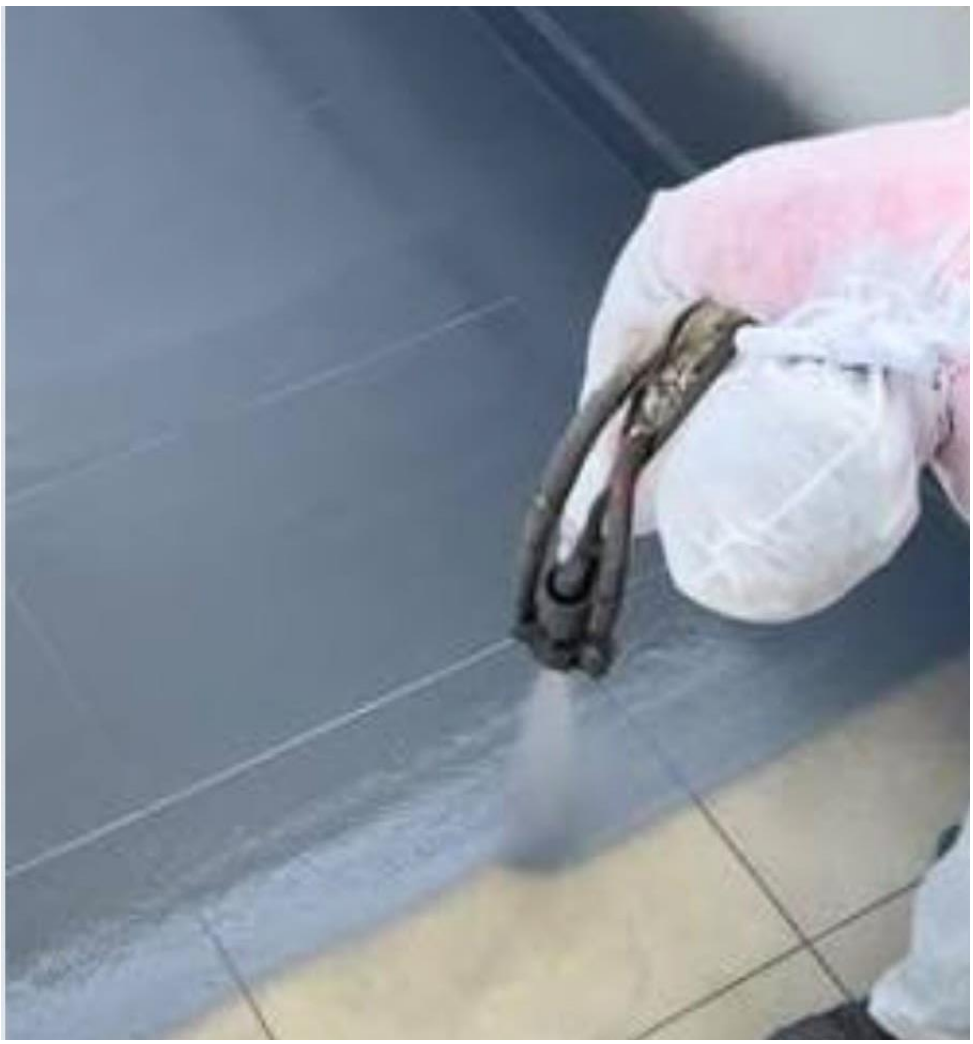


Ucrete Flooring Work





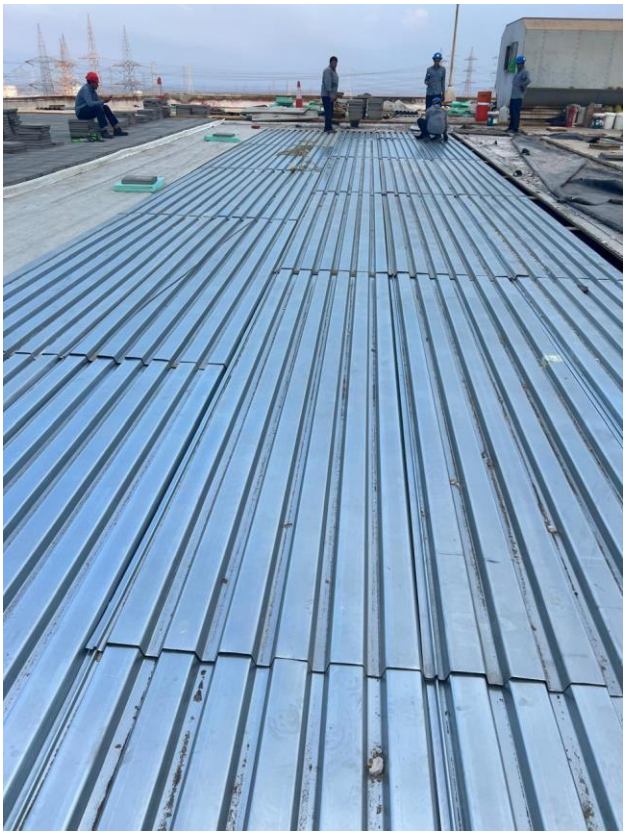
Polyurea Work





ROOF TAILS AND SHEET WORK







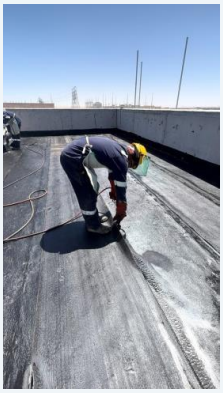
DIVISION 01: MOISTURE PROTECTION

Structural Waterproofing & Chemical Injection Systems

Engineered envelope protection safeguarding substructures, basements, water-retaining concrete, and wet utility infrastructure against hydrostatic water ingress.



EPOXY FLOOR BARRIER APPLICATION



TORCH-WELDED SBS BITUMINOUS SHEET

Comprehensive Waterproofing Technology Portfolio

Sunrise Build Team Company provides certified, high-performance waterproofing systems backed by manufacturer warranties and rigorous third-party inspection protocols:

- Torch-Applied Bituminous Membranes: Heavy-duty 4mm SBS-modified elastomeric and APP-modified plastomeric sheets for basement tanking, podium decks, and retaining walls.
- Internal & External PVC WaterStops: Engineered polyvinyl chloride profiles installed across construction, expansion, and contraction joints to prevent water migration.
- High-Pressure Chemical Leak Injection: Fast-reacting hydrophilic polyurethane resins and structural low-viscosity epoxies for sealing active water leaks and cold joint cracks.
- Liquid-Applied Polyurethane Membranes: Seamless elastomeric cold-applied coatings engineered for complex geometries, wet areas, balconies, and underground utility vaults.
- Cementitious Slurry & Crystallization Systems: Polymer-modified crystalline waterproofing mortars penetrating concrete micro-capillaries to achieve permanent impermeability.

Design Standards

- ASTM D5957 Substructure
- BS 8102 Water Tanking
- DIN 18195 Impermeability
- SASO Quality Compliant

Testing Protocols

- 48-Hour Hydrostatic Ponding
- Spark & Holiday Testing
- Joint Seam Adhesion Inspection
- Third-Party Witnessed Audit

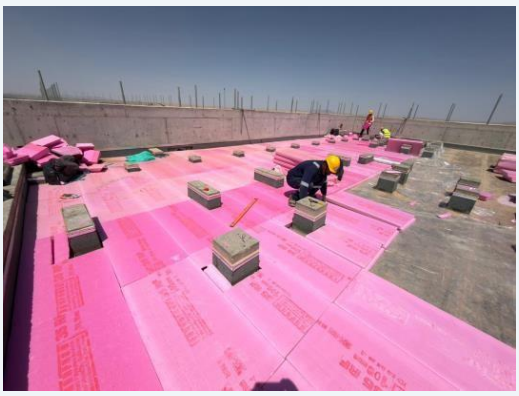
Warranty & QA

- 10-Year System Warranty
- Certified Master Applicator
- Approved for Critical Substructures
- Zero-Leak Handover Record

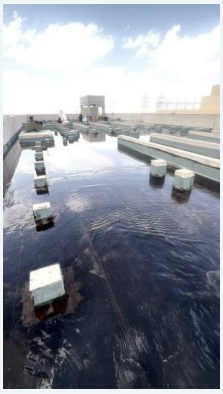
DIVISION 02: BUILDING ENVELOPE

Roof Waterproofing & Thermal Insulation Assemblies

High-efficiency thermal barrier and roof protection systems engineered for harsh Saudi desert climates to maximize energy conservation and prevent heat transmission.



100MM EXTRUDED XPS THERMAL BOARDS



48-HOUR HYDROSTATIC WATER PONDING TEST

Engineered Thermal & Roofing Assemblies

Our specialized roofing division executes complete inverted and conventional roof assemblies designed to satisfy the Saudi Energy Conservation Code (SBC 601/602):

- 100mm Extruded Polystyrene (XPS) Boards: Certified 35 RF rigid high-density insulation boards delivering superior thermal resistance (R-value), low water absorption, and high compressive strength.
- Inverted Roof Assemblies: Strategic placement of thermal insulation above the waterproofing membrane, shielding the barrier from solar UV degradation and thermal shock.
- Spray Polyurethane Foam (SPF): Monolithic, seamless closed-cell spray foam providing dual-action thermal insulation and waterproofing in a single high-efficiency application.
- Precision Plinth & Penetration Flashing: Specialized torch-welded detailing around rooftop mechanical pedestals, electrical plinths, and rainwater outlets to ensure 100% integrity.
- Mandatory 48-Hour Flood Ponding Verification: Full roof water ponding test performed and witnessed prior to thermal board placement, ensuring verified zero-leak performance.

Thermal Standards

- SBC 601 / 602 Energy Code
- ASTM C578 Type IV XPS
- Fire Rated 35 RF Specifications
- SASO Thermal Conformance

Quality Hold Points

- Factory Density Stamp Audit
- Infrared Thermography Scan
- Zero Thermal Bridging Check
- Consultant WIR Approval

Performance Metrics

- Compressive Strength >300 kPa
- 10-Year Thermal & Leak Warranty
- Third-Party Witnessed Acceptance
- Optimal Solar Heat Rejection

DIVISION 03: SPECIALTY COATINGS

Epoxy Flooring & High-Performance Surface Finishes

Industrial-grade seamless floor finishes and durable resinous surface coatings delivering exceptional chemical resistance, mechanical abrasion durability, and clean aesthetics.



HEAVY-DUTY HIGH-GLOSS EPOXY SCREED APPLICATION IN INDUSTRIAL SUBSTATION FACILITY

Industrial & Commercial Flooring Solutions

Sunrise Build Team applies multi-layer resinous flooring systems engineered to withstand intense vehicular traffic, chemical spillage, and aggressive environmental wear:

- Heavy-Duty Industrial Epoxy Screeds: High-build aggregate-filled epoxy coatings engineered for industrial manufacturing plants, logistics warehouses, and heavy fabrication shops.
- Self-Leveling Hygienic Epoxy: Ultra-smooth, seamless, non-porous floor finishes adhering to strict sanitation standards for pharmaceutical facilities, hospitals, and food processing units.
- Electrostatic Discharge (ESD) Flooring: Anti-static and conductive epoxy resin systems protecting sensitive electronic equipment in electrical substations, data centers, and control rooms.
- Multi-Storey Car Park Traffic Systems: Flexible polyurethane deck coatings with textured anti-slip quartz broadcasting for parking garages, spiral ramps, and exposed weather decks.
- Surface Preparation & Diamond Grinding: Concrete substrate preparation utilizing captive shot-blasting, vacuum diamond grinding, and moisture-tolerant epoxy primers.

Material Standards

- ASTM D4541 Adhesion (>2 MPa)
- ASTM D4060 Taber Abrasion
- DIN EN 13813 Synthetic Resin
- ISO 9001 Factory Quality

Surface Verification

- Captive Shot-Blasting (CSP 3-5)
- Calcium Chloride Moisture Test
- Cross-Hatch Adhesion Sign-off
- WIR Consultant Inspection

Application Profile

- Forklift Traffic Ready (Shore D80)
- Chemical Spill Resistance
- Food-Grade Hygienic Certification
- Zero VOC Formulations Available

DIVISION 04: EXTERNAL INFRASTRUCTURE

Civil Works, Paving & Perimeter Infrastructure

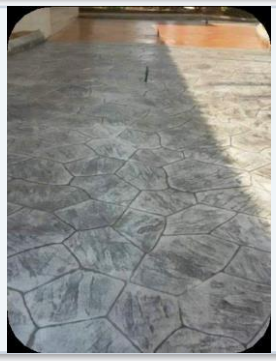
Specialized external civil execution including asphalt road construction, architectural concrete paving, interlocking blocks, terrazzo, and high-security fencing.



Asphalt Paving Works

Sub-grade preparation, aggregate base compaction, prime coat (MC-1), and heavy-duty asphalt wear courses for access roads and logistics yards.

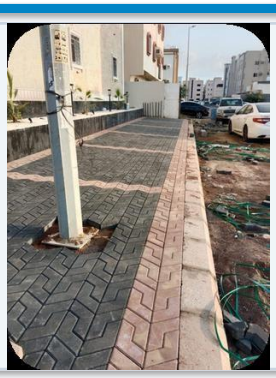
- **Specs: MOT General Specs Section 3.05 • Marshall Stability >1000 kg**
- Testing: Field Nuclear Density Compaction (98% min) • Core Testing
- **Machinery: Heavy Asphalt Pavers, Tandem Rollers & Bitumen Distributors**



Decorative Stamped Concrete

Architectural textured concrete pavements with integral color hardeners, release agents, and UV-resistant acrylic sealers for commercial plazas.

- **Specs: 28-Day Compressive Strength 30 MPa • Colorfast UV Topcoat**
- Scope: Walkways, Villa Entrances, Commercial Plazas & Promenades
- **Execution: Textured Polyurethane Molds, Curing Compounds & Sealers**



Interlock Paving Networks

Precision installation of high-density concrete pavers over compacted bedding sand with heavy kerbstone edge restraints for walkways and streetscapes.

- **Specs: SASO EN 1338 Pavers • Heavy Traffic Rating (Class 4)**
- Testing: Bedding Sand Sieve Analysis • Subgrade Proof-Rolling
- **Execution: Mechanical Paver Clamps, Kerbstone Backing & Joint Sanding**



Security Fencing & Perimeter

Chain-link security fencing, anti-climb mesh, concertina razor wire, and structural foundation posts securing industrial plants and utility plots.

- **Specs: HCIS SEC-04 Perimeter Fence Directives • Hot-Dip Galvanized**
- Scope: Substation Perimeters, Warehouses & Utility Compounds
- **Execution: Concrete Bored Footings, Tension Straining & Ground Bonding**

CIVIL INFRASTRUCTURE: MOT & HCIS Compliant External Execution Across KSA.

DIVISION 05: AGGREGATE SUPPLY

Construction Aggregate, Subbase, Base Coarse and Sand Supply & Bulk Fleet Logistics

Large-scale quarry distribution network supplying certified road base course, sub-base materials, graded crushed stone, and premium construction sand.



CRUSHED AGGREGATE STOCKPILE & SIEVE GRADING



BULK HEAVY TIPPER FLEET HAULING & LOGISTICS

Certified Materials for National Infrastructure

Sunrise Build Team operates an integrated aggregate supply division, guaranteeing consistent material gradation, high load-bearing capacity, and rapid bulk hauling:

- Aggregate Base Course (Class A & B): High-strength crushed limestone aggregates conforming strictly to Ministry of Transport (MOT) road specifications.
- Sub-Base Granular Materials: Optimum-moisture compaction materials engineered for highways, industrial logistics parks, and building foundation platforms.
- Graded Crushed Stone: Screened single-size and combined aggregate fractions (10mm, 20mm, 37.5mm) for structural ready-mix concrete and asphalt batching.
- Specialized Sand Supply: Screened dune sand for pipe bedding, washed plaster sand for architectural masonry, and silica sand for industrial mortars.
- Dedicated Heavy Transport Fleet: Direct fleet of heavy tipper trailers and dispatch coordinators ensuring uninterrupted, round-the-clock site delivery.

Material Standards

- MOT General Specs (Class A/B)
- ASTM C136 Sieve Analysis
- ASTM C33 Concrete Aggregates
- SASO Quality Verification

Testing Protocols

- Modified Proctor Density (100%)
- Los Angeles Abrasion Loss <35%
- Soundness Test (Magnesium Sulfate)
- Continuous Sieve QC Checks

Logistics Capacity

- 2,500+ Metric Tons/Day Capacity
- Direct GPS-Monitored Tipper Fleet
- 24/7 Bulk Site Dispatch Support
- Dedicated Regional Quarry Access

DIVISION 06: MECHANICAL ENGINEERING

HVAC Engineering, Chilled Water & Air Distribution

Complete thermal comfort, central chiller plant installations, SMACNA-grade ductwork fabrication, and energy-efficient climate control systems.



CENTRAL CHILLER PLANT PIPING & WATER PUMPS



PRECISION CLAD GALVANIZED AIR DUCTING

Turnkey Mechanical Contracting Capabilities

Our mechanical engineering division provides precision installation, pressure testing, and balancing across demanding commercial and industrial facilities:

- Central Chilled Water Plants: Installation and alignment of water-cooled and air-cooled chillers, primary/secondary circulation pumps, and expansion tanks.
- Variable Refrigerant Flow (VRF) Systems: Multi-zone VRF/VRV installations delivering zoned climate control, heat recovery, and high seasonal energy efficiency.
- Galvanized Ductwork Fabrication: Precision manufacturing and erection of rectangular and spiral ductwork complying strictly with SMACNA Class 3 standards.
- Thermal Insulation & Jacketing: Pre-formed fiberglass and closed-cell elastomeric rubber insulation finished with embossed aluminum protective cladding.
- Testing, Adjusting & Balancing (TAB): Complete airflow balancing, hydronic water balancing, and sound level verification delivering certified commissioning.

Engineering Codes

- SMACNA HVAC Duct Standard
- ASHRAE 90.1 Energy Standard
- AHRI 550/590 Certified Chillers
- SBC 501 Mechanical Code

Inspection Protocols

- Duct Air Leakage Test (Class 3)
- Hydronic Loop Pressure Testing
- Certified TAB Balancing Reports
- Thermal Jacketing Adhesion

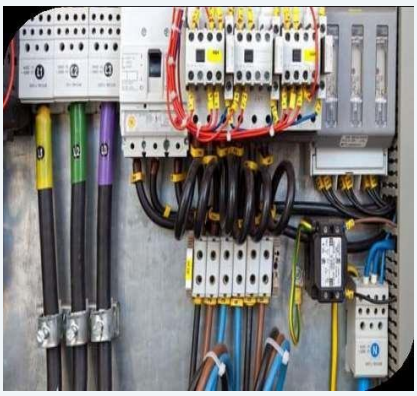
Authority Approvals

- Saudi Aramco & NWC Approved
- National Prequalification On File
- Comprehensive 2-Year Warranty
- Third-Party Witnessed Handover

DIVISION 07: POWER & CONTROL

Electrical Distribution, Switchgear & Instrumentation

Low and medium voltage power infrastructure, motor control centers (MCC), heavy industrial cable containment, and certified grounding networks.



LOW-VOLTAGE MDB POWER SWITCHGEAR PANEL



MOTOR CONTROL CENTER (MCC) & AUTOMATION SKIDS

Engineered Power & Process Control

SBT's electrical engineers deliver high-reliability power infrastructure compliant with SEC (Saudi Electricity Company) and international IEC standards:

- LV/MV Switchgear & Distribution: Main Distribution Boards (MDB), Sub-MDBs, Automatic Transfer Switches (ATS), and Power Factor Correction capacitors.
- Motor Control Centers (MCC): Intelligent motor starters, variable frequency drives (VFD), and integrated PLC interface panels for industrial pumping plants.
- Industrial Cable Containment: Heavy-duty galvanized cable trays, cable ladders, perforated trunking, and underground duct banks with fire barrier sealing.
- Power Cable Pulling & Hi-Pot Testing: XLPE-insulated copper and aluminum armored power cables with precision cold-shrink terminations and Megger verification.
- Grounding & Lightning Protection: Low-resistance copper ground grids, exothermic CAD-welded connections, inspection test pits, and ESE lightning protection.

Electrical Standards

- IEC 61439 Type-Tested Assembly
- SEC Distribution Standards
- NEC / NFPA 70 Compliance
- SASO Safety Certification

Testing & Verification

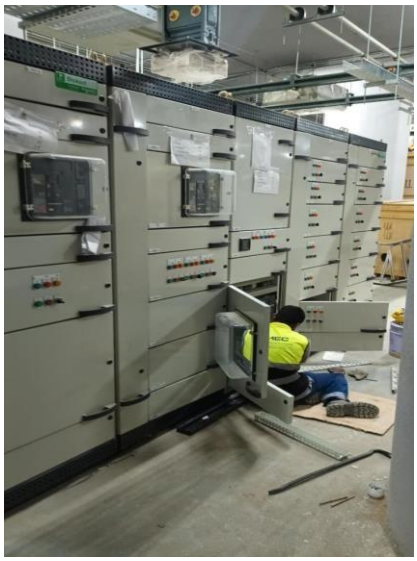
- Megger Insulation Resistance Test
- Hi-Pot VLF Cable Overpotential
- Ground Resistance <1.0 Ohm
- Primary Injection Relay Trip

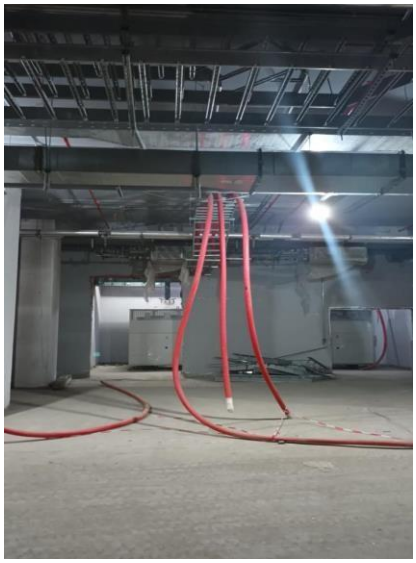
Safety & Reliability

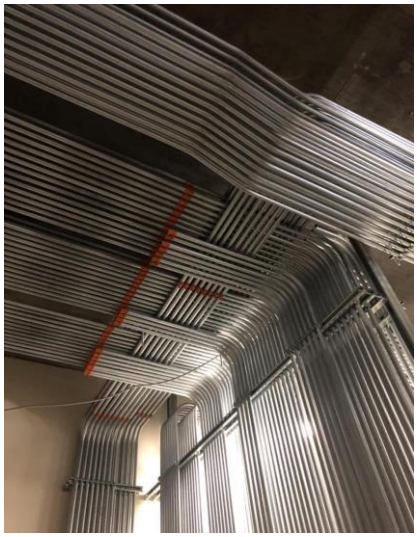
- Form 4b Internal Separation
- Factory Acceptance Testing (FAT)
- Calibrated Protection Relays
- Arc Flash Protection Compliance

Electrical Work









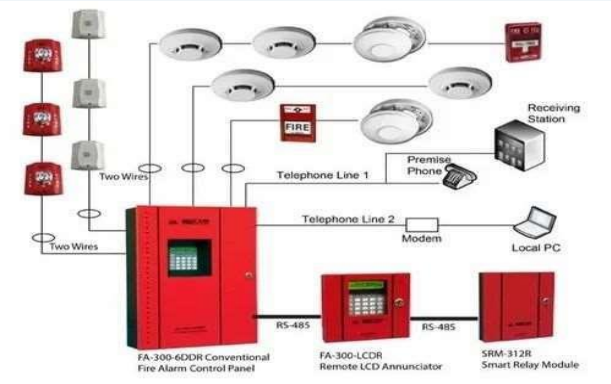




DIVISION 08: LIFE SAFETY

Fire Suppression, Alarm & Life Safety Networks

Saudi Civil Defense and NFPA-compliant fire protection systems engineered to protect human life, critical infrastructure, and high-value capital assets.



UL/FM CERTIFIED FIRE PUMP STATION & AUTOMATIC WET SPRINKLER ZONE CONTROL MANIFOLD

Civil Defense Compliant Protection Systems

Our certified life safety team executes turnkey fire protection networks adhering strictly to NFPA standards and Saudi Civil Defense prequalification requirements:

- Automatic Fire Sprinkler Networks: Wet pipe, dry pipe, and pre-action sprinkler systems designed in accordance with NFPA 13 with calibrated zone control valves.
- Standpipe & Fire Hose Reel Stations: Class I, II, and III wet risers, landing valves, and fire department Siamese connections (FDC) for commercial complexes.
- Clean Agent Gaseous Suppression: Total flooding FM-200, Novec 1230, and CO2 suppression systems safeguarding critical server rooms and electrical sub-stations.
- Intelligent Addressable Fire Alarms: Multi-sensor smoke, heat, and optical beam detection networks integrated with emergency voice evacuation and damper control.
- Dedicated Fire Pump Stations: UL-listed / FM-approved electric motor and diesel engine fire pump skids with jockey pumps and automatic pressure-sensing controllers.

Life Safety Codes

- NFPA 13 Sprinkler Standards
- NFPA 14 Wet Standpipe Systems
- NFPA 20 Stationary Fire Pumps
- Saudi Civil Defense Directives

System Verification

- Hydrostatic Pressure (200 PSI / 2h)
- Fire Pump Flow Curve Verification
- Cause & Effect Matrix Testing
- Full Smoke Detection Alarm Audit

Statutory Approvals

- Saudi Civil Defense Prequalified
- UL-Listed / FM-Approved Hardware
- Official Civil Defense Licensing
- Turnkey Authority Certificate

DIVISION 09: PHYSICAL SECURITY

HCIS-Compliant IP CCTV, Surveillance & Access Control

Enterprise video surveillance, multi-site video management systems (VMS), optical video analytics, and biometric access control meeting Saudi MOI and HCIS standards.



ENTERPRISE CENTRAL VMS STORAGE SERVER RACKS



4K IP VANDAL-PROOF DOME & BULLET CAMERAS

High-Security Surveillance & Access Architectures

Sunrise Build Team's specialized security systems division designs, integrates, and maintains mission-critical surveillance networks for industrial and commercial assets:

- HCIS Security Directives Compliance: End-to-end security architectures engineered in compliance with High Commission for Industrial Security (HCIS) SEC-01 through SEC-10 directives.
- High-Definition 4K & Thermal Cameras: Weatherproof IP bullet cameras, vandal-resistant domes, 360-degree fisheyes, and dual-sensor thermal cameras for perimeter detection.
- Central VMS & Video Wall Monitoring: High-availability Video Management Software (VMS), enterprise SAN/NAS storage arrays, and 24/7 centralized command room video walls.
- Biometric & RFID Access Control: Multi-factor facial recognition, biometric finger scanners, contactless smart cards, optical turnstiles, and automated barrier gates.
- AI Video Analytics & Perimeter Intrusion: Deep-learning algorithms featuring automatic number plate recognition (ANPR), perimeter virtual tripwires, and object tracking.

HCIS Directives

- HCIS SEC-01 to SEC-10 Mandates
- Saudi Ministry of Interior Specs
- Tier-1 Industrial Facility Clearance
- Critical National Infrastructure Regs

Storage & Video QA

- 90-Day RAID-6 Video Retention
- 4K Ultra-HD Resolution Calibration
- Redundant VMS Management Servers
- Failover Storage Architecture

Integrated Hardware

- Optical Fastlane Speed Gates
- Dual Biometric Turnstile Access
- Perimeter Thermal Motion Sensors
- Under-Vehicle Surveillance Systems

FIELD EXECUTION DOSSIER: STAGES 1–3

Rooftop Bituminous Waterproofing & 48-Hour Flood Ponding Test

Step-by-step photographic evidence demonstrating torch-applied bituminous membrane installation and third-party witnessed flood test on an active industrial substation facility.



Stage 1: Substrate Preparation & Primer Application

Expansive concrete roof deck prepared via heavy industrial cleaning, grit removal, concrete defect patching, and application of ASTM D41 fast-curing bituminous primer.

- **Technical Standard: ASTM D41 Solvent Primer • Minimum 24h Cure Time**
- **Inspection Hold Point: ITP-WP-01 Substrate Cleanliness & Dryness Approval**
- **Method Statement: MOS-WP-01 Concrete Deck Mechanical Preparation**

✓ QA/QC: VERIFIED PASS — Substrate Sign-Off

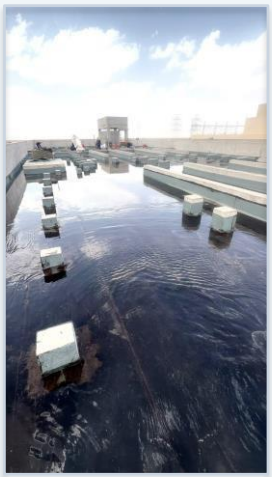


Stage 2: SBS Bituminous Membrane Torch Welding

Certified applicators torch-welding 4mm SBS elastomeric bituminous membranes with strict 100mm side laps, 150mm end laps, and full continuous upstands along parapet perimeters.

- **Technical Standard: ASTM D5147 SBS Modified Bitumen (4mm Thickness)**
- **Inspection Hold Point: ITP-WP-02 Lap Seam Continuity & Joint Adhesion Check**
- **Method Statement: MOS-WP-02 Multi-Layer Torch Welding Protocol**

✓ QA/QC: VERIFIED PASS — Defect-Free Seams



Stage 3: 48-Hour Hydrostatic Water Flood Ponding Test

Complete roof area submerged under a continuous 48-hour hydrostatic water head, witnessed jointly by project consultant engineers and SBT quality managers.

- **Technical Standard: ASTM D5957 Standard Guide for Flood Testing Waterproofing**
- **Inspection Hold Point: ITP-WP-03 Joint Consultant & Client Physical Inspection**
- **Method Statement: MOS-WP-03 Controlled Hydrostatic Flooding & Dewatering**

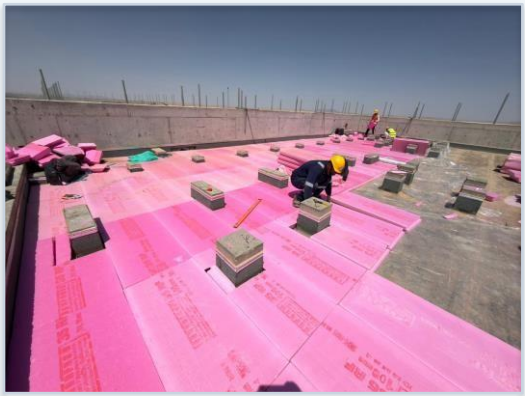
✓ QA/QC: VERIFIED PASS — Zero Leakage (48h)

AUDITED EXECUTION: 100% Third-Party Witnessed Acceptance on Active Saudi Project Sites.

FIELD EXECUTION DOSSIER: STAGES 4–6

100mm XPS Thermal Board Installation & Plinth Detailing

On-site execution of rigid extruded polystyrene (XPS) thermal insulation boards, precision custom cutting around mechanical equipment plinths, and factory quality stamp verification.



Stage 4: Interlocking XPS Rigid Board Placement

Skilled installers laying high-density pink 100mm Extruded Polystyrene (XPS) rigid thermal boards directly over the approved waterproof barrier in staggered joints.

- **Technical Standard: ASTM C578 Type IV XPS • Density 35 kg/m³**
- **Inspection Hold Point: ITP-IN-01 Staggered Joint Alignment & Surface Levelness**
- **Method Statement: MOS-IN-01 Inverted Roof Insulation Assembly**

✓ QA/QC: VERIFIED PASS — Seamless Continuity



Stage 5: Foundation Detailing & Equipment Plinths

Precision mechanical cutting and customized interlocking fitment around concrete equipment plinths, MEP pedestals, and rainwater collection sumps to eliminate thermal bridges.

- **Technical Standard: SBC 601/602 Energy Code Compliance Detailing**
- **Inspection Hold Point: ITP-IN-02 Thermal Bridge Elimination & Plinth Sealing**
- **Method Statement: MOS-IN-02 Mechanical Curb Detailing & Flashing**

✓ QA/QC: VERIFIED PASS — 100% Flush Detailing



Stage 6: Factory Specification & Quality Stamp Verification

Physical inspection of factory specification branding: 'Extruded Polystyrene 100mm 35 RF - Manufactured by Gulf Insulating Materials Co.', verifying certified flame retardancy.

- **Technical Standard: Fire-Retardant 35 RF Grade • Manufacturer Traceability**
- **Inspection Hold Point: ITP-IN-03 Batch Certificate & Factory Marking Audit**
- **Method Statement: MOS-IN-03 Material Receiving & Traceability Protocol**

✓ QA/QC: VERIFIED PASS — Batch Traceability

AUDITED EXECUTION: 100% Third-Party Witnessed Acceptance on Active Saudi Project Sites.

VISUAL PROOF OF EXECUTION: ELECTROMECHANICAL

Industrial Fabrication, Spool Welding & MEP Gallery

On-site execution photographic documentation of ASME pipe welding, central chiller installations, and precision ductwork fabrication.

Heavy Industrial Pipe Spool Fabrication

High-pressure carbon steel piping spools, precision beveled and welded by ASME-certified welders for chilled water and utility plants.

- **Standard: ASME B31.3 Process Piping / AWS D1.1 Certified**
- **QA/QC: 100% Visual + Radiographic NDT Weld Examination**

Precision SMAW / GTAW Structural Welding

Certified pipe fitters executing full penetration multi-pass welds with strict preheat and interpass temperature controls.

- **Standard: ASME Section IX Qualified Welding Procedures (WPS/PQR)**
- **QA/QC: Radiographic & Ultrasonic Defect-Free Certification**



Central Chilled Water Plant Installation

Heavy chiller skids, primary/secondary circulating pump sets, expansion vessels, and vibration isolator alignments.

- **Standard: AHRI Certified Chillers • ASHRAE 90.1 Compliance**
- **QA/QC: Hydrostatic Pressure Tested at 1.5x Design Pressure**



SMACNA Ductwork & Thermal Jacketing

Galvanized iron air distribution ducting fabricated to SMACNA Class 3 standards with continuous aluminum protective cladding.

- **Standard: SMACNA HVAC Duct Construction Standards**
- **QA/QC: Light Test & Certified Duct Air Leakage Verification**

ENGINEERING EXCELLENCE: ASME, SMACNA & HCIS Standards Enforced on Every Installation.

VISUAL PROOF OF EXECUTION: SECURITY SYSTEMS

Physical Security, Control Rooms & CCTV Hardware Gallery

Photographic record of central security control rooms, enterprise server racks, multi-sensor cameras, and optical access control turnstiles.

Central Security Command Server Racks

Heavy-duty 42U server cabinets housing high-capacity SAN/NAS enterprise storage, core fiber switches, and redundant UPS systems.

- **Directive: HCIS SEC-06 Telecommunications Directives**
- **QA/QC: Structured Cat6A/Fiber Fluke DTX Certified Cabling**

Redundant Enterprise Storage & NVR Skids

RAID-6 high-availability Network Video Recorders configured for 90-day continuous video recording retention at 30 fps.

- **Directive: HCIS SEC-07 Video Surveillance Systems Standard**
- **QA/QC: 100% Redundant Failover Power & Storage Audits**



4K High-Resolution IP Dome Surveillance

Outdoor vandal-resistant IK10 / IP67 cameras featuring infrared night vision, wide dynamic range (WDR), and optical zoom.

- **Directive: HCIS SEC-02 Optical Surveillance Coverage**
- **QA/QC: 4K Ultra-HD Resolution & AI Virtual Tripwire Alerts**



Biometric Access Control Turnstiles

Optical speed turnstiles integrated with multi-factor facial recognition, contactless smart cards, and motorized anti-tailgating gates.

- **Directive: HCIS SEC-03 Automated Access Directives**
- **QA/QC: Sub-Second Matching & Anti-Passback Validation**

ENGINEERING EXCELLENCE: ASME, SMACNA & HCIS Standards Enforced on Every Installation.

SECTION 04: OPERATIONAL QUALITY GOVERNANCE

Quality Assurance, Testing & Commissioning Protocols

ISO 9001:2015 certified procedures, disciplined ITP hold points, certified welding inspection, and 48-hr flood testing.

01 — Engineering Quality & Material Control

- Comprehensive Method Statements (MOS) and Material Inspection Requests (MIR) validated prior to site mobilization.
- Verification of manufacturer batch test certificates against ASTM, SASO, and DIN standards.
- Pre-construction constructability reviews and multi-disciplinary MEP clash coordination.
- **Compliance: ISO 9001:2015 Quality Management System**

02 — In-Process Execution & Quality Hold Points

- Work Inspection Requests (WIR) submitted at mandatory joint consultant hold points across all trades.
- Certified ASME/AWS weld inspections, non-destructive testing (NDT), and continuous torque audits.
- Real-time non-conformance tracking (NCR) with strict root-cause corrective action closeout.
- **Pass Rate: 98%+ First-Time Inspection Approval Rate**

03 — Testing, Commissioning & Client Handover

- Mandatory 48-hour continuous hydrostatic water ponding test across all treated roof and podium slabs.
- Hydrostatic pressure testing of chilled water piping networks at 1.5x design pressure for 4 hours.
- Complete Testing, Adjusting & Balancing (TAB) of HVAC airflow and smoke management systems.
- **Validation: Joint Sign-off & 10-Year Comprehensive Warranty**

Quality Parameter	Applicable Standard	Verification Method & Frequency	Acceptance Criteria
Waterproofing Tightness	ASTM D5957 / BS 8102	48-Hour continuous flood ponding test	100% water tightness, zero dampness
Piping Pressure Integrity	ASME B31.3 / B31.9	Hydrostatic testing at 1.5x design pressure	4-hour test with zero pressure drop
Structural Weld Quality	AWS D1.1 / ASME IX	100% Visual + Radiographic / Dye Penetrant	Certified defect-free, 98% pass rate
HVAC Air Distribution	SMACNA / NEBB Standards	Duct pressure testing & TAB anemometers	Leakage in Class 3; balance ±5%

ZERO-DEFECT POLICY: Strict Hold Points with Signed Verification by Supervising Consultants.

SECTION 04: OCCUPATIONAL SAFETY

HSE Governance & Environmental Management System

A rigorous culture of prevention anchored in ISO 45001:2018 and ISO 14001:2015, ensuring zero-harm site execution and responsible environmental stewardship.

01 — Zero-Harm Safety Culture & Stop-Work Authority

Safety is an unconditional prerequisite to productivity. Every supervisor, technician, and worker is empowered with formal Stop-Work Authority whenever unsafe conditions arise.

- **Directive: ISO 45001:2018 Certified Occupational Health & Safety Governance**
- Implementation: Unrestricted Stop-Work Rights with Zero Commercial Retaliation
- **Metric: 500,000+ Safe Man-Hours Executed with Zero LTI (Lost Time Incidents)**

02 — Hazard Identification & Daily JSA Briefings

Before daily work shifts begin, mandatory Job Safety Analyses (JSA) and Toolbox Talks (TBT) are conducted in multiple languages to address task-specific hazards and precautions.

- **Directive: Daily Multi-Lingual Risk Assessments & Pre-Task Safety Briefings**
- Implementation: Confined Space Permits, Gas Detection & Scaffolding Tag Systems
- **Metric: 100% Site Compliance with Hot-Work & Chemical Handling Protocols**

03 — Mandatory Personal Protective Equipment (PPE)

Full PPE compliance is strictly enforced across all active zones: EN/ANSI certified safety helmets, high-visibility reflective vests, steel-toe boots, and full-body harnesses.

- **Directive: EN 397 / ANSI Z89.1 Certified Protective Gear Across All Sites**
- Implementation: Mandatory Double-Lanyard Harnesses for Elevated Works (>1.8m)
- **Metric: 100% PPE Audit Compliance Record with Continuous Safety Surveillance**

04 — Environmental Stewardship & Waste Segregation

In compliance with ISO 14001:2015, we enforce strict containment of construction chemicals, safe disposal of spent LPG cylinders, proper waste segregation, and recycling.

- **Directive: ISO 14001:2015 Environmental Management System Governance**
- Implementation: Impermeable Bunding for Fuel/Chemicals & Spill Response Kits
- **Metric: 100% Hazardous Chemical Bunding & Certified Eco-Disposal Logistics**

ZERO-HARM COMMITMENT: 500,000+ Safe Man-Hours • Zero Lost-Time Incidents • ISO 45001 / 14001 Compliant.

SECTION 04: DELIVERY GOVERNANCE

Turnkey Project Management & Execution Lifecycle

A disciplined 5-phase delivery model ensuring contractual alignment, proactive risk mitigation, seamless procurement, and certified client handover.

PHASE 01 • Project Initiation, Mobilization & Baseline Setup

Contract review, baseline Primavera P6 scheduling, Project Execution Plan (PEP), resource allocation, and site mobilization logistics.

- **Contractual Milestone: Approved Baseline Schedule & Project Quality Plan (PQP)**
- Operational Protocol: Pre-Mobilization HSE Risk Assessment & Site Setup Sign-off
- **Key Deliverable: Notice to Proceed (NTP) Compliance & Site Possession Handover**

PHASE 02 • Detailed Engineering & Regulatory Submittals

Preparation and submittal of comprehensive shop drawings, structural calculations, Material Inspection Requests (MIR), and Method Statements (MOS).

- **Contractual Milestone: Approved Shop Drawings & Consultant Material Approvals**
- Operational Protocol: Clash Detection Coordination & Third-Party Technical Submittals
- **Key Deliverable: 100% Approved Engineering Packages Prior to Fabrication**

PHASE 03 • Strategic Procurement, Quality & Logistics

Strict vendor prequalification, factory testing, batch quality certificates, and secure just-in-time material delivery to site.

- **Contractual Milestone: Inspected Materials on Site (MIR Verification)**
- Operational Protocol: Factory Acceptance Testing (FAT) & Warehouse Batch Traceability
- **Key Deliverable: Mill Test Certificates (MTC) & ISO Compliant Supply Chain**

PHASE 04 • Site Execution, Supervision & Hold Points

Disciplined physical construction, daily safety toolbox meetings, continuous trade coordination, and joint consultant inspections at defined ITP hold points.

- **Contractual Milestone: Verified Work Inspection Requests (WIR Sign-off)**
- Operational Protocol: Daily QA Audits, Scaffolding Inspections & 100% PPE Enforcement
- **Key Deliverable: Zero Work Progression Beyond Unapproved Hold Points**

PHASE 05 • Testing, Commissioning, Handover & Closeout

Comprehensive system testing & commissioning, as-built documentation, O&M manuals, warranty certificates, and formal client sign-off.

- **Contractual Milestone: Final Taking-Over Certificate (TOC) & Handover Dossier**
- Operational Protocol: 10-Year Waterproofing Warranty & 1-Year Comprehensive Defect Liability
- **Key Deliverable: As-Built Drawings, Operations Manuals & Client Acceptance**

STAGE-GATE GOVERNANCE: Predictable Scheduling, Verified Hold Points, and Guaranteed Handover.

SECTION 05: OFFICIAL CORPORATE REGISTRATION

Commercial Registration Certificate (يراجتلا لجسلا ةداهش)

Ministry of Commerce unified corporate registration licensing Sunrise Build Team Company for contracting operations across KSA.



OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

Ministry of Commerce — Commercial Registration Certificate

- Registered Entity Name: Sunrise Build Team Company (زيلنس تكرش بيتيلب)
- Unified National Number: 7053364316
- Issuing Authority: Ministry of Commerce (تراجتلا ةرازو)
- Registration Date: 14/01/2026 (Active Legal Entity)
- Entity Type: Limited Liability Company (Single Person)

AUTHENTICATION STATUS

VERIFIED & ACTIVE

- Official QR Code Verified
- Tender Submittal Ready

LEGAL STATUS: Active & Prequalified under KSA Law

SECTION 05: OFFICIAL CHAMBER OF COMMERCE

Chamber of Commerce Membership (قيراجتلا ةفرغلا كارتشا ةداهش)

Official Jeddah Chamber of Commerce and Industry membership certificate establishing commercial registration standing.



شهادة إشتراك

Membership

This is to certify that نشهد بأن

شركة سانرايز بيلد تيم

Is a member in the chamber عضو في الغرفة التجارية

Certificate Date	26/02/2026 - 09/09/1447	تاريخ طباعة الشهادة
Date of Membership	14/01/2026 - 25/07/1447	تاريخ الاشتراك
Date of Expiry	13/01/2027 - 05/08/1448	تاريخ الانتهاء
Subscription Status	فعال	حالة الاشتراك
NUN	7053364316	رقم المنشأة الموحد
Membership No	656308	رقم الإشتراك
Membership Degree	الأولى	درجة الإشتراك
Commercial Record/ License		الرخصة / السجل التجاري
P. O. Box	2439	صندوق البريد

التوقيع
محمد أحمد العطاس
مدير إدارة شؤون المشتركين

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

Jeddah Chamber of Commerce & Industry — Membership Certificate

- Registered Member: Sunrise Build Team Company (يلـزيلزنس تكرش ايت)
- Chamber Membership No.: 656308
- Unified National Number (NUN): 7053364316
- Membership Classification: First Class Degree (ىلوألا ةجردلا)
- Validity Period: Issued: 14/01/2026 (25/07/1447 H) • Valid to: 13/01/2027

AUTHENTICATION STATUS

VERIFIED & ACTIVE

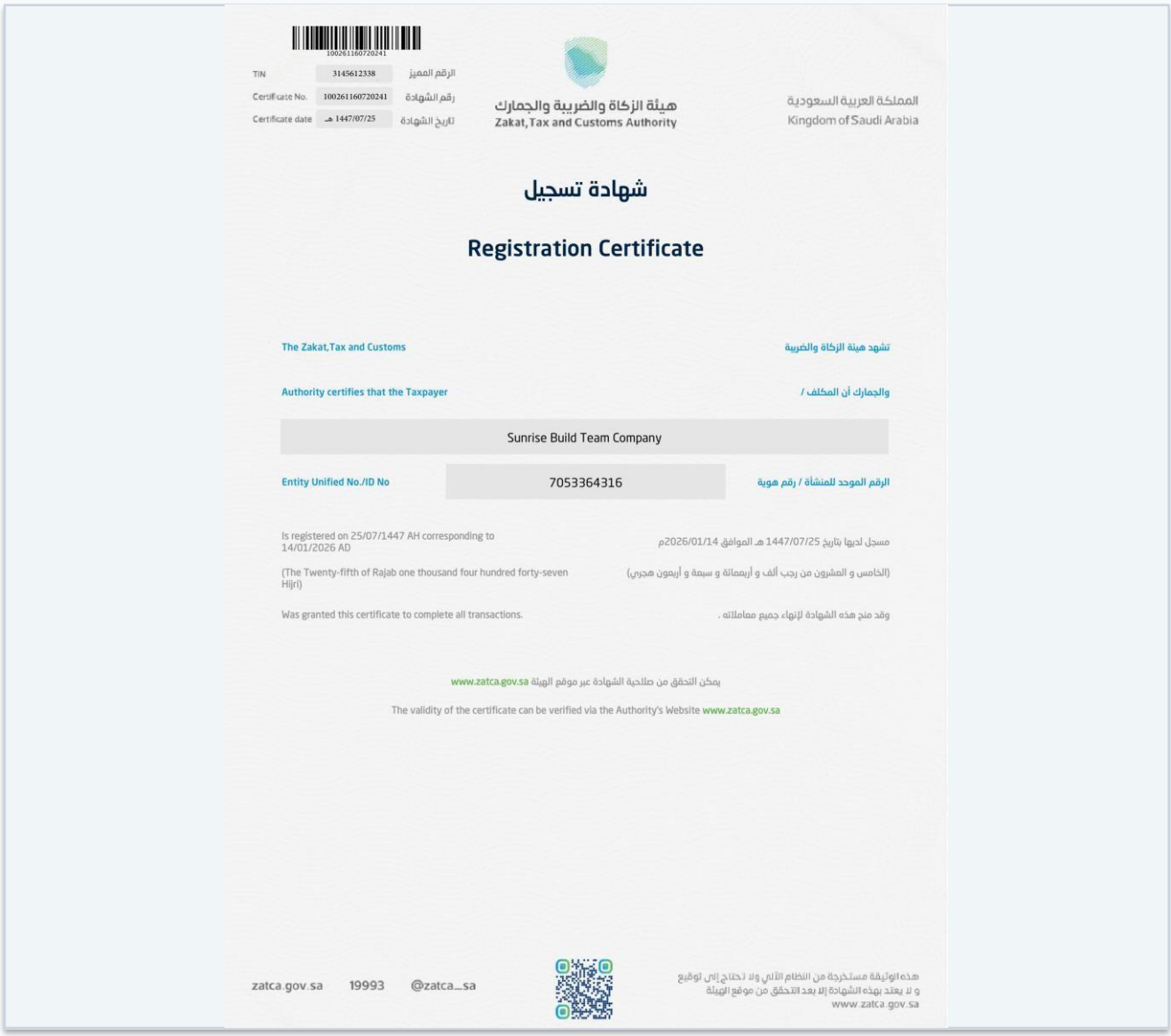
- Official QR Code Verified
- Tender Submittal Ready

MEMBERSHIP: Active First-Class Standing (Jeddah)

SECTION 05: OFFICIAL FISCAL REGISTRATION

ZATCA Tax Registration Certificate (شهادة تسجيل ضريبي)

Zakat, Tax and Customs Authority corporate tax registration verifying institutional fiscal compliance.



100261160720241

TIN	3145612338	الرقم المميز
Certificate No.	100261160720241	رقم الشهادة
Certificate date	1447/07/25 هـ	تاريخ الشهادة

هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority

المملكة العربية السعودية
Kingdom of Saudi Arabia

شهادة تسجيل

Registration Certificate

The Zakat, Tax and Customs Authority certifies that the Taxpayer

تشهد هيئة الزكاة والضريبة والجمارك أن المكلف /

Sunrise Build Team Company

Entity Unified No./ID No 7053364316 الرقم الموحد للمنشأة / رقم هوية

Is registered on 25/07/1447 AH corresponding to 14/01/2026 AD

مسجل لديها بتاريخ 1447/07/25 هـ الموافق 2026/01/14م

(The Twenty-fifth of Rajab one thousand four hundred forty-seven Hijri)

(الخامس و العشرون من رجب ألف و أربعمائة و سبعة و أربعون هجري)

Was granted this certificate to complete all transactions.

وقد منح هذه الشهادة لإنهاء جميع معاملاته .

يمكن التحقق من صلاحية الشهادة عبر موقع الهيئة www.zatca.gov.sa

The validity of the certificate can be verified via the Authority's Website www.zatca.gov.sa

zatca.gov.sa 19993 @zatca_sa

هذه الوثيقة مستخرجة من النظام الآلي ولا تحتاج إلى توقيع و لا يعتد بهذه الشهادة إلا بعد التحقق من موقع الهيئة www.zatca.gov.sa

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

ZATCA — Tax Registration Certificate

- Taxpayer Name: Sunrise Build Team Company (شركة صن رايز للبناء)
- Tax Identification Number (TIN): 3145612338
- Certificate Number: 100261160720241
- Unified Organization ID: 7053364316
- Issuing Authority: Zakat, Tax and Customs Authority (هيئة الزكاة والضريبة والجمارك)

AUTHENTICATION STATUS

VERIFIED & ACTIVE

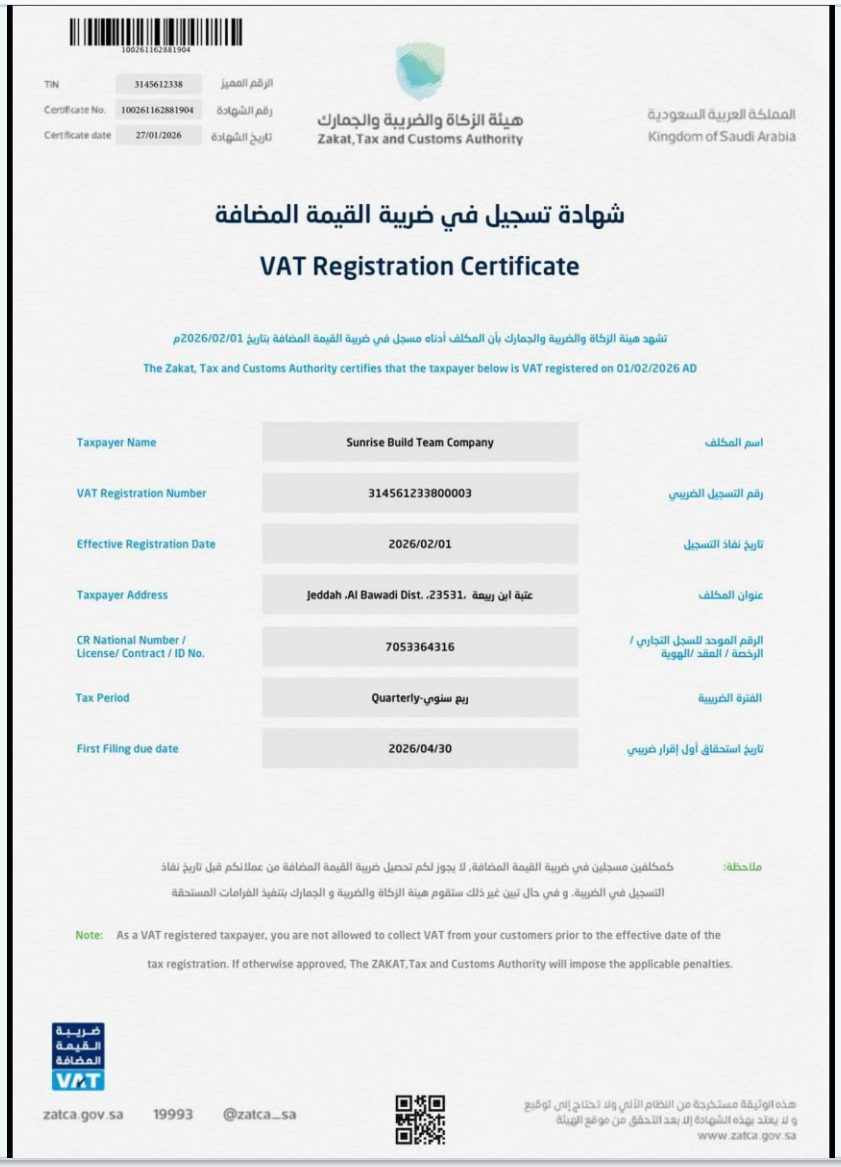
- Official QR Code Verified
- Tender Submittal Ready

TAX COMPLIANCE: Active Taxpayer Standing

SECTION 05: OFFICIAL VALUE ADDED TAX

ZATCA VAT Registration Certificate (قفضملا ةميقلا ةفيض ةداهش)

Official VAT certificate licensing taxable contracting operations and verified invoicing in Saudi Arabia.



100261162881904

TIN	3145612338	الرقم المميز
Certificate No.	100261162881904	رقم الشهادة
Certificate date	27/01/2026	تاريخ الشهادة

هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority

المملكة العربية السعودية
Kingdom of Saudi Arabia

شهادة تسجيل في ضريبة القيمة المضافة

VAT Registration Certificate

تشهد هيئة الزكاة والضريبة والجمارك بأن المكلف أدناه مسجل في ضريبة القيمة المضافة بتاريخ 2026/02/01م

The Zakat, Tax and Customs Authority certifies that the taxpayer below is VAT registered on 01/02/2026 AD

Taxpayer Name	Sunrise Build Team Company	اسم المكلف
VAT Registration Number	314561233800003	رقم التسجيل الضريبي
Effective Registration Date	2026/02/01	تاريخ نفاذ التسجيل
Taxpayer Address	Jeddah ,Al Bawadi Dist. ,23531، عتبة ابن ربيعة	عنوان المكلف
CR National Number / License/ Contract / ID No.	7053364316	الرقم الموحد للسجل التجاري / الرخصة / العقد /الهوية
Tax Period	Quarterly-ربع سنوي	الفترة الضريبية
First Filing due date	2026/04/30	تاريخ استحقاق أول إقرار ضريبي

ملاحظة: كمكلفين مسجلين في ضريبة القيمة المضافة، لا يجوز لكم تحصيل ضريبة القيمة المضافة من عملائكم قبل تاريخ نفاذ التسجيل في الضريبة. و في حال تبين غير ذلك ستقوم هيئة الزكاة والضريبة و الجمارك بتنفيذ الغرامات المستحقة

Note: As a VAT registered taxpayer, you are not allowed to collect VAT from your customers prior to the effective date of the tax registration. If otherwise approved, The ZAKAT,Tax and Customs Authority will impose the applicable penalties.

ضريبة القيمة المضافة VAT

zatca.gov.sa 19993 @zatca_sa

هذه الوثيقة مستخرجة من النظام الآلي ولا تحتاج إلى توقيع و لا يعتد بهذه الشهادة إلا بعد التحقق من موقع الهيئة www.zatca.gov.sa

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

ZATCA — Value Added Tax (VAT) Registration Certificate

- Taxpayer Name: Sunrise Build Team Company (بتيلد زيرنلس تكرش)
- VAT Registration Number: 314561233800003
- Effective VAT Date: 14/01/2026 (Immediate Active Standing)
- Unified Organization ID: 7053364316
- Issuing Authority: Zakat, Tax and Customs Authority (ZATCA)

AUTHENTICATION STATUS

VERIFIED & ACTIVE

- Official QR Code Verified
- Tender Submittal Ready

VAT LICENSE: Active Tax Invoicing (VAT ID: 314561233800003)

SECTION 05: OFFICIAL WORKFORCE NATIONALIZATION

Nationalization Certificate (قوشبلا دراوملا نيطوتلا قداهش)

Ministry of Human Resources and Social Development electronic certificate validating corporate Saudization compliance.



Nationalization Certificate

Certificate ID / رقم الشهادة
679506-11709544

Issue date: 28/05/2026 • Expiration date: 26/08/2026

Renewal/update date	—
Certificate status	Verified
Establishment name:	شركة سانرايز بيلد تيم
Establishment number:	9-4179196
License number:	24925243523
National Unified Number:	7053364316
Nitaqat level:	Green (small A)
Nationalization rate:	20%

The Ministry of Human Resources and Social Development certifies that the above mentioned Establishment has achieved the required Nationalization rate and has been granted this certificate upon request.
The certificate is electronically generated and approved by the authority. It does not require any signature or stamp.

تشهد وزارة الموارد البشرية والتنمية الاجتماعية بأن المنشأة المذكورة أعلاه حققت نسبة التوطين المطلوبة وتم منحها هذه الشهادة بناء عن طلبها.
الشهادة تم إنشاؤها إلكترونياً ومعتمدة من الجهة المختصة ولا تحتاج الى ختم او توقيع

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

MHRSD — Nationalization Certificate (English)

- Establishment Name: Sunrise Build Team Company (يتيلب زيلرنلس فكرش)
- Certificate ID Number: 679506-11709544
- Unified National Number (NUN): 7053364316
- Ministry Establishment No.: 9-4179196 • Labor Office License: 24925243523
- Compliance Status: Achieved Required Nationalization Rate under Saudi Labor Law

AUTHENTICATION STATUS

VERIFIED & ACTIVE

- Official QR Code Verified
- Tender Submittal Ready

MHRSD COMPLIANCE: Verified Nationalization Standing

SECTION 05: SAUDI NITAQAT COMPLIANCE

Saudization Certificate - Platinum (ﺔﻴﺋﺎﻬﻧ ﺔﻴﻄﻟﺎﺒﻟا ﺔﺩﺎﻬﺷ)

Ministry of Human Resources and Social Development official endorsement verifying Platinum Nitaqat standing and 55.55% Saudization.



قوى QIWA

المواردالبشرية والتنمية الاجتماعية

شهادة التوطين

رقم الشهادة / Certificate ID
679506-11709544

تاريخ الإصدار: 28/05/2026 • تاريخ انتهاء الصلاحية: 14/12/2026

تاريخ التجديد/التحديث	15/09/2026
حالة الشهادة:	معتمدة
اسم المنشأة:	شركة سانرايز بيلد تيم
رقم المنشأة:	9-4179196
رقم الترخيص:	24925243523
الرقم الوطني الموحد:	7053364316
مستوى نطاقات الحالي:	بلاتيني
نسبة التوطين:	% 55.55

تشهد وزارة الموارد البشرية والتنمية الاجتماعية بأن المنشأة أعلاه حققت متطلبات إصدار شهادة التوطين وفُنحت هذه الشهادة بناءً عن طلبها. أصدرت الشهادة إلكترونيًا ولا تحتاج إلى ختم أو توقيع. امسح الرمز أعلى الصفحة للتحقق من صلاحية الشهادة.

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

ﻞﺠﺴﻟا ﻖﻴﺛﻮﺘﻟا ﺔﻗﺎﻄﻨﻟا ﺔﻴﺋﺎﻬﻨﻟا ﺔﻴﻄﻟﺎﺒﻟا ﺔﺩﺎﻬﺷ — ﻖﻳﺮﺸﺒﻟا ﺩﺍﻭﻣﻟا ﺓﺍﺯﻭ

- ﻢﺳﺍ ﺔﻛﺮﺸﻟا ﻲﻧﺎﻴﺒﻟا ﺯﻳﺰﻨﺳ ﺯﺍﺮﻴﺳ (Sunrise Build Team Company)
- ﻢﻗﺭ ﺔﻴﻟﺎﺠﺴﺘﻟا ﺓﺩﺎﻬﺷﻟا ﺔﻴﻧﻮﻜﺘﻟﺍ: 679506-11709544
- ﻢﻗﺭ ﺔﻨﻣﻮﻨﻟا ﺔﻴﻄﻟﺎﺒﻟا ﺔﻴﻄﻨﻟا: 7053364316 (NUN) • ﻢﻗﺭ ﺔﺌﺸﻨﻤﻟا: 9-4179196
- ﻰﻟﺎﺤﻟا ﻖﻴﺛﻮﺘﻟا ﻲﻓ ﺔﻴﻄﻟﺎﺒﻟا ﺔﻗﺎﻄﻨﻟا ﻰﻠﻋ ﺔﻛﺮﺸﻟا ﻝﻮﺼﺣ (Platinum Category)
- ﺔﻴﻄﻟﺎﺒﻟا ﺔﻗﺎﻄﻨﻟا ﻲﻓ ﻖﻴﺛﻮﺘﻟا ﺔﺒﺴﻧ: 55.55% Saudization Rate (Exceeds National Standards)

AUTHENTICATION STATUS

VERIFIED & ACTIVE

- Official QR Code Verified
- Tender Submittal Ready

NITAQAT TIER: Platinum Band (55.55% Saudization Rate)

SECTION 05: OFFICIAL GEOGRAPHIC VERIFICATION

Saudi Post (SPL) National Address Proof (ينطولا نلونعلا تابثإ)

Official Saudi Post registration confirming verified corporate headquarters location in Jeddah.



Proof Number	1079609149	رقم الإثبات
Original Date	27/1/2026	تاريخ الإصدار
Expiration Date	26/7/2026	تاريخ الانتهاء

العنوان الوطني
NATIONAL ADDRESS

إثبات عنوان
Address Proof

Address Holder Details — **بيانات صاحب العنوان**

Name	Sunrise Build Team Company	شركة سانرايز بيلد تيم — الاسم
Customer Acc.	3 1 3 3 4 5 3 4 0 0 1	رقم الحساب
Reg. Date	14/1/2026	تاريخ التسجيل

Address Details — **تفاصيل العنوان**

Short Address	J D B A 7 6 3 6	العنوان المختصر
Building No. / Street	7636 Utbah Ibn Rabiah	رقم المبنى / الشارع: 7636 عتبة ابن ربيعة
Secondary No. / District	2439 Al Bawadi Dist.	الرقم الفرعي / الحي: 2439 حي البوادي
Postal Code	23531	الرمز البريدي: 23531
City	JEDDAH	المدينة: جدة
	Kingdom of Saudi Arabia	المملكة العربية السعودية

To Verify للتحقق
https://proof.address.gov.sa/VerifyProofNA.aspx

تم إصدار هذا الإثبات إلكترونيا ولا يتطلب التوقيع عليه

تم إصدار هذا الإثبات بناء على طلب الموضح أعلاه، ويحظر قطعيا تقليده أو إدخال أي تعديلات عليه سواء بالإضافة أو الحذف، ويعد الإثبات لاغيا إذا شابه شيء من ذلك، كما يعرض صاحبه للمساءلة القانونية.

This proof has been issued electronically and does not require a signature

This proof has been issued upon the request of the above-named, and it is absolutely prohibited to imitate it or make any modifications to it, whether by addition or deletion, and the proof is considered void if it is marred by something, and its owner is subject to legal accountability.

19992 https://splonline.com.sa/ar/national-address-1/

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

Saudi Post (SPL) — Verified National Address Proof

- Registered Entity: Sunrise Build Team Company (يتيلب زيلرنلس فكرش)
- Short Address Code: JDBA7636
- Building Number & Street: Building 7636, Utbah Ibn Rabiah Street
- District & City: Al Bawadi District, Jeddah 23531
- Kingdom Region: Makkah Al-Mukarramah Region, Saudi Arabia

AUTHENTICATION STATUS

VERIFIED & ACTIVE

- Official QR Code Verified
- Tender Submittal Ready

HEADQUARTERS: Verified Physical Address (Jeddah)

SECTION 05: NATIONAL CLIENT PREQUALIFICATION

Saudi Aramco Vendor Registration Approval (قيوعسلا وكمارأ دامتعا)

Official Saudi Aramco supplier registration approval letter confirming qualified vendor standing under Vendor Code 10119039.



أرامكو السعودية
saudi aramco

Saudi Aramco E-Reference No. 0017600

Registration Approval Letter

April 12, 2026

Attention : SUNRISE BUILD TEAM COMPANY.

CR Number : 7053364316
Supplier Type: Service Provider Only
Country : Saudi Arabia

We are pleased to inform you that SUNRISE BUILD TEAM COMPANY. is now registered in the Saudi Aramco Supplier Management System under Vendor Code No. 10119039, provided your company continues to meet all relevant Saudi Arabian and Saudi Aramco standards.

This registration, however, should not be construed as a commitment by Saudi Aramco to procure from you. Being registered as a supplier only grants your company the opportunity, along with other registered sources, to respond to requests for submitting proposals in accordance with Saudi Aramco's established policies and procedures. All procurement instruments including but not limited to service contracts, purchase agreements, or purchase orders will be issued based on the name and address included in your commercial registration (CR), as stated in your Supplier Registration.

Saudi Aramco wishes to remind you that being recognized as a supplier carries with it serious obligations and responsibilities to act in a legal and ethical manner. We wish to remind you of the Saudi Aramco Supplier Code of Conduct (SCOC) which you acknowledged. Failure to abide by the principles set forth in the SCOC can result in adverse actions being taken by Saudi Aramco against you including suspension of you as a supplier. Saudi Aramco also expects each of its suppliers to satisfy each of the requirements of any procurement instrument which might be placed and to act responsibly and reliably as a supply chain supplier.

Material Suppliers should apply for Saudi Aramco Supplier Portal access by forwarding a request to portal-registration@aramco.com. The Supplier Portal is the main electronic business tool used between Saudi Aramco and its suppliers and serves to improve the flow and accuracy of key supply chain information.

For further information or assistance please contact the Saudi Aramco Supplier Help Desk by forwarding a request to SupplierHelpDesk@aramco.com or via the unified call center 800-116-1168 for In-Kingdom suppliers or +966 (11) 290-8950 for Out-of-Kingdom suppliers.

Abdalhadi Shahadh Alshammari, Supervisor
Supplier Registration Unit
Supplier Relationship Management Div

It is the responsibility of the supplier to update Saudi Aramco Supplier Registration Profile through Ariba for the following:
1. Change of Name / Commercial Registration Number / Address / Owner(s)
2. Any change of the supplier location
3. Discontinue supply of approved commodities (9COMs and 9CATS)

This is an electronically generated letter by Saudi Aramco. To verify Supplier approval status, please contact Supplier Help Desk at supplierhelpdesk@aramco.com

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

Saudi Aramco — Supplier Registration Approval Letter

- Approved Supplier Entity: SUNRISE BUILD TEAM COMPANY
- Saudi Aramco Vendor Code: Vendor Code No. 10119039
- Commercial Registration (CR): 7053364316
- Approved Supplier Scope: Service Provider Only (Kingdom of Saudi Arabia)
- Electronic Reference No.: E-Reference No. 0017600 • Approved: April 12, 2026

AUTHENTICATION STATUS

VERIFIED & ACTIVE

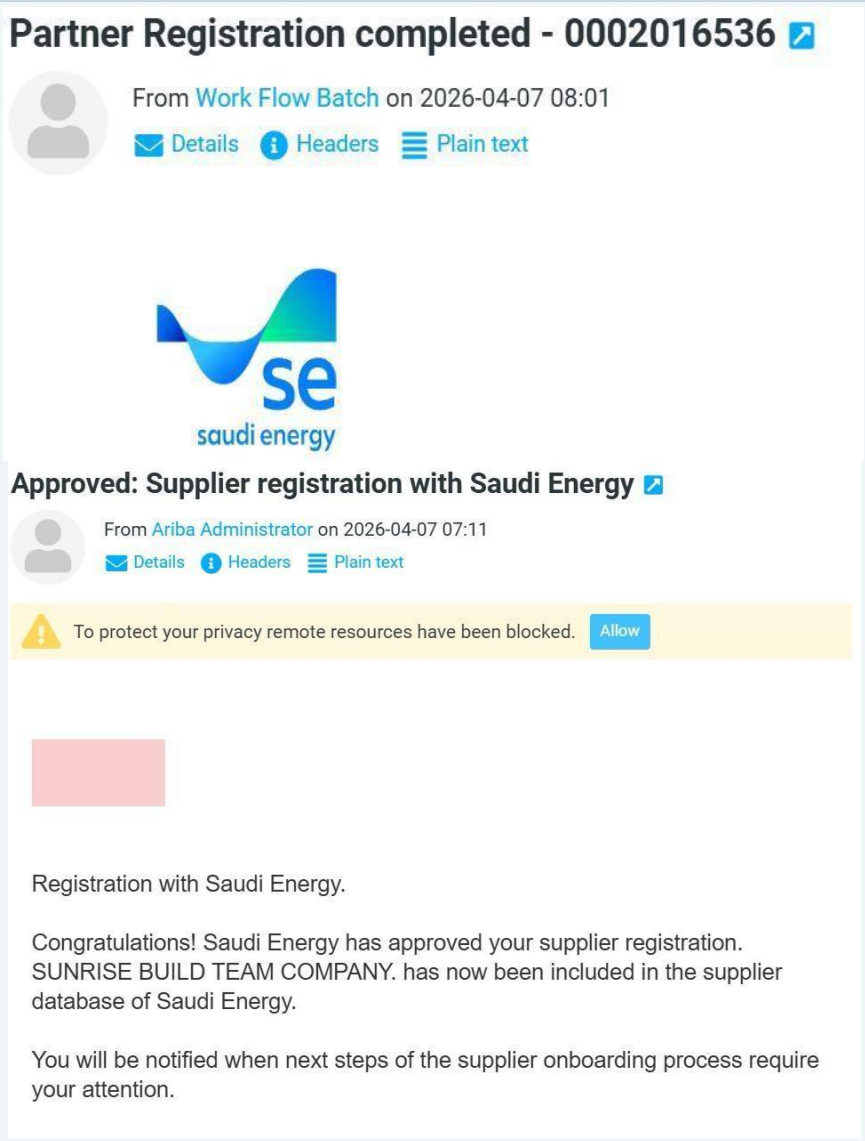
- Official QR Code Verified
- Tender Submittal Ready

ARAMCO APPROVED: Vendor Code 10119039 (Service Provider)

SECTION 05: NATIONAL CLIENT PREQUALIFICATION

Saudi Aramco Vendor Registration Approval (قيوعسلا وكمارأ دامتعا)

Official Saudi Aramco supplier registration approval letter confirming qualified vendor standing under Vendor Code 10119039.



Partner Registration completed - 0002016536

From Work Flow Batch on 2026-04-07 08:01

Details Headers Plain text

saudi energy

Approved: Supplier registration with Saudi Energy

From Ariba Administrator on 2026-04-07 07:11

Details Headers Plain text

To protect your privacy remote resources have been blocked. Allow

Registration with Saudi Energy.

Congratulations! Saudi Energy has approved your supplier registration. SUNRISE BUILD TEAM COMPANY. has now been included in the supplier database of Saudi Energy.

You will be notified when next steps of the supplier onboarding process require your attention.

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

Saudi Energy — Supplier Registration Approval Letter

- Approved Supplier Entity: SUNRISE BUILD TEAM COMPANY
- Saudi Aramco Vendor Code: Vendor Code No. 0002016536
- Commercial Registration (CR): 7053364316
- Approved Supplier Scope: Service Provider Only (Kingdom of Saudi Arabia)
- Electronic Reference No.: E-Reference No. 0017600 • Approved: April 12, 2026

AUTHENTICATION STATUS

VERIFIED & ACTIVE

- Official QR Code Verified
- Tender Submittal Ready

Saudi Energy: Vendor Code 0002016536 (Service Provider)

SECTION 05: INTERNATIONAL QUALITY STANDARD

ISO 9001:2015 Quality Management Certificate

Independent third-party certification validating disciplined corporate quality governance and process control.



ZERTIFIKAT • شهادة • SERTIFIKAT • CERTIFICAT • SERTIFIKA

Certificate of Registration

This is to certify that the Quality Management System of

SUNRISE BUILD TEAMCOMPANY

UTBAH IBN RABIAH7636, Al BAWADI Dist. 2439, Jeddah 23531

has been successfully assessed &
conforms with the following standard

ISO 9001:2015

Scope of Certification

CONSTRUCTION OF ALL TYPES OF RESIDENTIAL BUILDINGS AND INDUSTRIAL SECTORS. ENGINEERING, PROCUREMENT CONSTRUCTION & MAINTENANCE ACTIVITIES IN RESIDENTIAL AND INDUSTRIAL SECTORS. RECRUITMENT MANPOWER SUPPLY SUPPLY OF DUNE SAND, SUB-BASE, BASE-COURSE AND AGGREGATE, PLASTER SAND, NORMAL SAND

Certificate No.	:	SUN/QMS/B26/XXXX
Initial Registration Date	:	XX.02.2026
Issue Date	:	XX.02.2026
Surveillance 1 Audit Date	:	XX.01.2027
Surveillance 2 Audit Date	:	XX.01.2028
Re-Certification Due Before	:	XX.02.2029
Date of Expiry	:	XX.02.2027

Signature of Director

Accreditation No.: CB-MS-2809
(Accredited by United Accreditation Foundation (UAF),
1060 Laskin Road, STE 12B/13B, Virginia Beach, VA 23451, United States of America
To Check Certification Status:
www.saaracertification.com

SAARA MANAGEMENT SYSTEM PRIVATE LIMITED
Email: info@saaracertification.com Website: www.saaracertification.com

The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and its only valid after successful surveillance with continuation letter issued by SMSPL. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and SMSPL terms and conditions. The certificate is the property of SMSPL and shall be returned immediately when demanded

OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

ISO 9001:2015 — Quality Management System (QMS)

- Certified Enterprise: Sunrise Build Team Company (Jeddah, KSA)
- Standard Benchmark: ISO 9001:2015 Quality Management System
- Scope of Certification: Civil Works, Waterproofing, Thermal Insulation, MEP & Security
- Auditing Body: International Accredited Registrar
- Certificate Status: Valid & In Good Standing (Subject to annual surveillance)

AUTHENTICATION STATUS

VERIFIED & ACTIVE

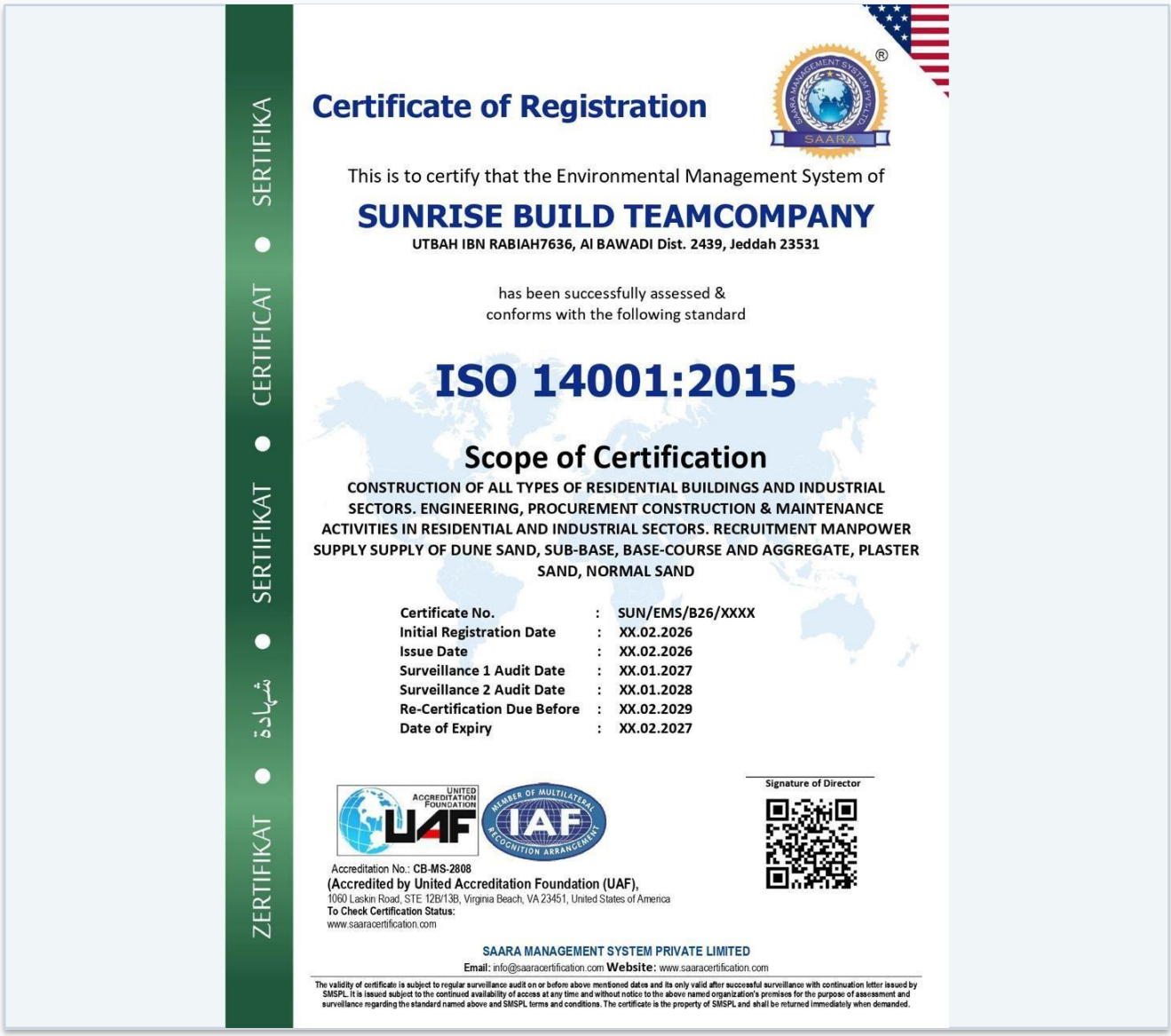
- Official QR Code Verified
- Tender Submittal Ready

ACCREDITED: ISO 9001:2015 Certified QMS System

SECTION 05: ENVIRONMENTAL GOVERNANCE STANDARD

ISO 14001:2015 Environmental Certificate

Independent certification validating responsible resource management, chemical containment, and eco-compliance.



SERTIFIKA • CERTIFICAT • SERTIFIKAT • شهادة • ZERTIFIKAT

Certificate of Registration

This is to certify that the Environmental Management System of

SUNRISE BUILD TEAMCOMPANY

UTBAH IBN RABIAH7636, Al BAWADI Dist. 2439, Jeddah 23531

has been successfully assessed &
conforms with the following standard

ISO 14001:2015

Scope of Certification

CONSTRUCTION OF ALL TYPES OF RESIDENTIAL BUILDINGS AND INDUSTRIAL SECTORS. ENGINEERING, PROCUREMENT CONSTRUCTION & MAINTENANCE ACTIVITIES IN RESIDENTIAL AND INDUSTRIAL SECTORS. RECRUITMENT MANPOWER SUPPLY SUPPLY OF DUNE SAND, SUB-BASE, BASE-COURSE AND AGGREGATE, PLASTER SAND, NORMAL SAND

Certificate No.	:	SUN/EMS/B26/XXXX
Initial Registration Date	:	XX.02.2026
Issue Date	:	XX.02.2026
Surveillance 1 Audit Date	:	XX.01.2027
Surveillance 2 Audit Date	:	XX.01.2028
Re-Certification Due Before	:	XX.02.2029
Date of Expiry	:	XX.02.2027

Signature of Director

Accreditation No.: CB-MS-2808
(Accredited by United Accreditation Foundation (UAF),
1060 Laskin Road, STE 12B/13B, Virginia Beach, VA 23451, United States of America
To Check Certification Status:
www.saaracertification.com

SAARA MANAGEMENT SYSTEM PRIVATE LIMITED
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OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

ISO 14001:2015 — Environmental Management System (EMS)

- Certified Enterprise: Sunrise Build Team Company (Jeddah, KSA)
- Standard Benchmark: ISO 14001:2015 Environmental Management
- Scope of Certification: Specialized Envelope Contracting, Materials Logistics & Site Works
- Auditing Body: International Accredited Registrar
- Environmental Control: Chemical spill containment, waste recycling, low-VOC materials

AUTHENTICATION STATUS

VERIFIED & ACTIVE

- Official QR Code Verified
- Tender Submittal Ready

ACCREDITED: ISO 14001:2015 Certified Green System

SECTION 05: OCCUPATIONAL SAFETY STANDARD

ISO 45001:2018 Occupational Safety Certificate

Independent certification validating uncompromising workforce protection and proactive safety management.



SERTIFIKA • CERTIFICAT • SERTIFIKAT • شهادة • ZERTIFIKAT

Certificate of Registration

This is to certify that the Occupational Health and Safety Management System of

SUNRISE BUILD TEAMCOMPANY

UTBAH IBN RABIAH7636, Al BAWADI Dist. 2439, Jeddah 23531

has been successfully assessed &
conforms with the following standard

ISO 45001:2018

Scope of Certification

CONSTRUCTION OF ALL TYPES OF RESIDENTIAL BUILDINGS AND INDUSTRIAL SECTORS. ENGINEERING, PROCUREMENT CONSTRUCTION & MAINTENANCE ACTIVITIES IN RESIDENTIAL AND INDUSTRIAL SECTORS. RECRUITMENT MANPOWER SUPPLY SUPPLY OF DUNE SAND, SUB-BASE, BASE-COURSE AND AGGREGATE, PLASTER SAND, NORMAL SAND

Certificate No.	:	SUN/OHS/B26/XXXX
Initial Registration Date	:	XX.02.2026
Issue Date	:	XX.02.2026
Surveillance 1 Audit Date	:	XX.01.2027
Surveillance 2 Audit Date	:	XX.01.2028
Re-Certification Due Before	:	XX.02.2029
Date of Expiry	:	XX.02.2027

Signature of Director

Accreditation No.: CB-MS-2812
(Accredited by United Accreditation Foundation (UAF),
1060 Laskin Road, STE 12B/13B, Virginia Beach, VA 23451, United States of America
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OFFICIAL REGULATORY DOSSIER • VERIFIED REGISTRATION

ISO 45001:2018 — Occupational Health & Safety (OH&S)

- Certified Enterprise: Sunrise Build Team Company (Jeddah, KSA)
- Standard Benchmark: ISO 45001:2018 Occupational Health & Safety
- Scope of Certification: Turnkey Civil, Waterproofing, High-Rise Roofing & Heavy MEP Works
- Auditing Body: International Accredited Registrar
- Safety Culture: Mandatory Stop-Work Authority, multi-language TBTs, full PPE

AUTHENTICATION STATUS

VERIFIED & ACTIVE

- Official QR Code Verified
- Tender Submittal Ready

ACCREDITED: ISO 45001:2018
Certified Zero-Harm System

SECTION 06: VERIFIED EXPERIENCE

Major Project Experience: Civil & Infrastructure Networks

Selected major infrastructure and network executions for national water authorities, utility corporations, and premier institutional developers.

SAR 15M+
Selected Contract Value
Civil & Water Networks

100% On-Time
Schedule Performance
Zero Delays • TOC Handover

Tier-1 Clients
Verified Endorsements
Saudi Aramco, NWC & Ministries

Client / Authority	Contract Role	Project Title & Scope Description	Location	Value / Status
Saudi Aramco / NTPL	Sub-Contractor	Replace Gas Compression Electro-Mechanical Works (Abqaiq Plant 334)	Abqaiq	2,458,111 Completed
National Water Company	Sub-Contractor	Sewage Pumping Stations & Water Distribution Networks (Phase 1)	Al-Muzahmiya	652,100 Completed
National Water Company	Sub-Contractor	Replacement of Existing Water Main Lines Inside Al Wasia Station	Riyadh	1,254,100 Completed
National Water Company	Sub-Contractor	Execution of Separate Water Networks & Supply Lines (Phase 156)	Riyadh	1,925,470 Completed
Ministry Water / MTCBU	Sub-Contractor	Implementation of Domestic Water & Sanitary Networks Across Taif	Taif	8,546,582 Completed
El Seif Engineering	Main Contractor	Supply, Delivery, Rigging & Installation of GRP Water Storage Tanks	Jazan	Specialized Completed

Civil & Infrastructure Prequalification Highlights

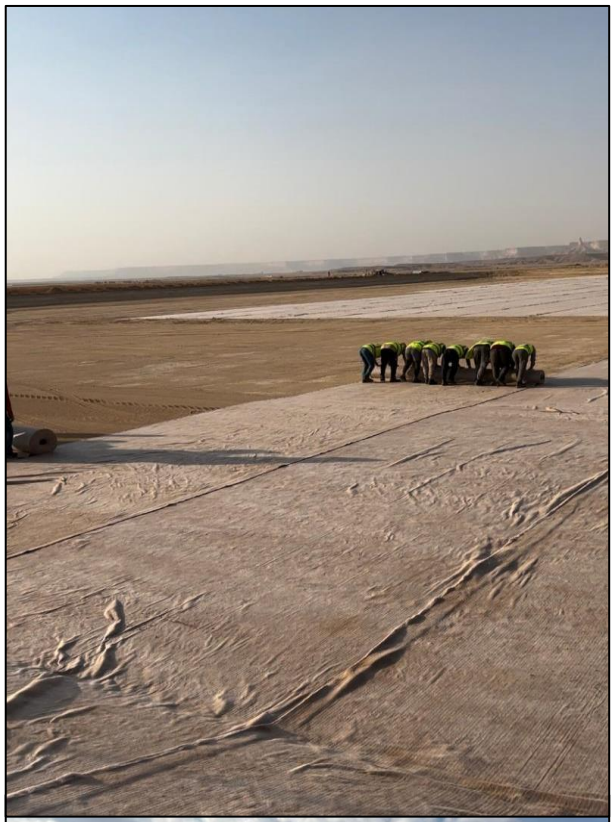
- Turnkey Network Execution: Installation of ductile iron, carbon steel, and HDPE water distribution lines under strict municipal specifications.
- Deep Pumping Station Infrastructure: Construction of reinforced concrete sump chambers, pump wet wells, and surge suppression systems.
- Client Handover Documentation: 100% Taking-Over Certificates (TOC) and Final Acceptance Certificates (FAC) on file for all completed projects.
- Aramco Facility Compliance: Strict adherence to Aramco Safety Handbook, GI work permit systems, and plant mechanical standards.
- Specialized Storage Assemblies: Heavy GRP and steel water storage tank placement, foundation plinths, and connection manifolds.

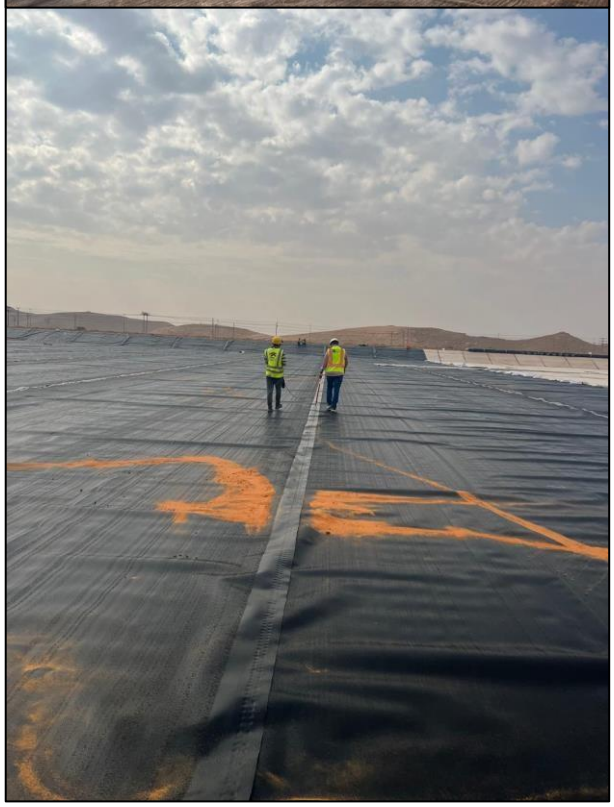
CONTRACTOR STANDING

VERIFIED DELIVERY

- Zero Liquidated Damages
- 100% Milestone Approval
- **Prequalified for Tenders**
- Rapid Site Mobilization
- Strict SBC Compliance
- **NWC Vendor Approved**

HDPE COATING

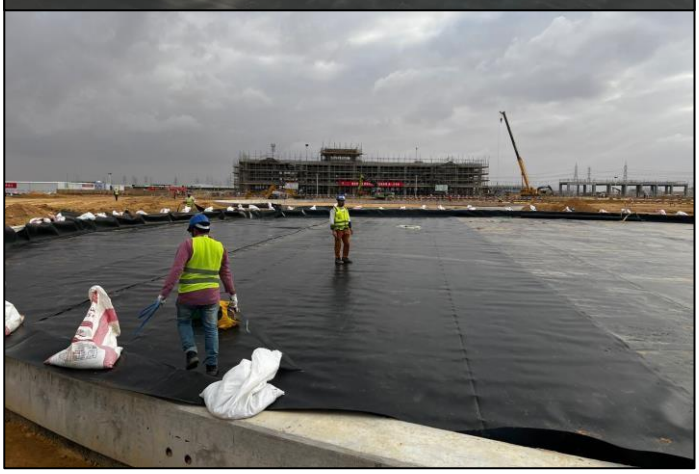












SECTION 06: VERIFIED EXPERIENCE

Major Project Experience: MEP & Industrial Plants

Selected major installations spanning chilled water pipeline welding, tunnel ventilation, industrial plants, and healthcare facilities.

Megaproject Proven
Holy Mosque & KAEC Scope
Chilled Water & Jet Fans

Certified Welders
ASME IX & AWS D1.1
100% NDT & Radiographic Pass

Critical Facilities
Industrial & Health Plants
SWCC, GACA & Royal Commission

Client / Project Owner	Main Contractor	Project Scope & Technical Description	Location	Status
Saudi Binladin Group (SBG)	Haramain Division	Fabrication & Joint Welding of Chilled Water Pipeline Network	Makkah	Completed
Saudi Binladin Group (SBG)	Haramain Division	Installation of Ceiling Mounted Jet Fans & T&C of Al Falaq Tunnel	Makkah	Completed
Saline Water Conversion (SWCC)	Al-Ayuni Investment	Electrical Building: Civil, HVAC, Electrical Systems & FM Infrastructure	Taif	Completed
GACA (Civil Aviation Authority)	Aswad Group	Welded Black Steel & Stainless Fuel Piping Networks & Pump Station	Jeddah	Completed
Savola Group (Sugar Factory)	Neem United	Black Steel Industrial Piping & Production Area HVAC Ductwork	Jeddah	Completed
King Abdullah Economic City	IHCC	Turnkey Supply & Installation of HVAC, Fire Fighting & Fire Alarm	KAEC	Completed
Royal Commission (Medical Ctr)	Zahran O&M	Installation of Chillers, Piping Networks, Control Panels & T&C	Yanbu	Completed

Specialized Mechanical & Piping Execution Highlights

- High-Pressure Piping Networks: Full off-site spool fabrication and on-site welding for industrial chilled water, fuel delivery, and steam networks.
- Tunnel Ventilation & Life Safety: Turnkey installation and automated commissioning of heavy jet fans and damper systems inside Makkah transport tunnels.
- Rigorous Commissioning & TAB: Complete hydronic flow balancing, electrical panel testing, and chiller vibration isolation verification.
- Industrial Plant Reliability: Zero-shutdown delivery record for operating manufacturing plants and municipal water utilities.

TECHNICAL EXPERTISE

MEP LEADERSHIP

- 100% Weld Inspection Pass
- Certified TAB Balancing
- **SBG & Royal Comm. Approved**
- Multi-Discipline Crews
- Aramco GI Permit Cleared

SECTION 06: MARKET REACH

Target Industry Verticals & Sector Specialization

Delivering robust engineering, specialized waterproofing, MEP infrastructure, and security systems across diverse national industries.

MARKET SECTOR 01

Commercial & Corporate Developments

Shopping malls, corporate headquarters, retail centers, and commercial business towers requiring high-specification civil finishes and HVAC comfort.

- **Target Facilities: Mixed-Use Plazas • Corporate Towers • Retail Malls**
- Core Deliverables: Substructure Tanking, Inverted Roofs & Central MEP
- **Standards: Compliance: SBC 801/501, ASTM Waterproofing, UL-Listed Equipment**

MARKET SECTOR 02

Industrial Plants & Manufacturing

Heavy industrial factories, food & beverage processing units, sugar refineries, chemical plants, and workshop facilities with specialized flooring and piping.

- **Target Facilities: Food Processing Plants • Refineries • Heavy Workshops**
- Core Deliverables: Chemical Bunds, Heavy Screeds & High-Pressure Piping
- **Standards: Compliance: ASME B31.3 Process Piping, ASTM D4060 Abrasion Resistance**

MARKET SECTOR 03

Government & Municipal Infrastructure

Aviation terminals, civil defense centers, municipal administration complexes, public water transmission plants, and municipal roadway paving.

- **Target Facilities: Airport Terminals • Water Stations • Ministries**
- Core Deliverables: Heavy Asphalt Roads, Kerbstones & Security Enclosures
- **Standards: Compliance: MOMRA Highway Standards, SASO Aggregates, ICAO Airport Specs**

MARKET SECTOR 04

Energy, Utilities & Substations

High-voltage electrical substations, water pumping stations, sewage networks, solar photovoltaic arrays, and oil & gas pipeline support works.

- **Target Facilities: 110kV/380kV Substations • Pump Stations • Solar Fields**
- Core Deliverables: Deep Tanking, Transformer Plinths & Switchgear E&I
- **Standards: Compliance: SEC Substation Standards, NWC Network Specs, Aramco GIs**

MARKET SECTOR 05

Residential Communities & Hospitality

Gated residential compounds, luxury private villas, apartment towers, and hotel developments demanding premium waterproofing and climate control.

- **Target Facilities: Luxury Compounds • Resort Hotels • Villa Projects**
- Core Deliverables: Roof Inverted Assemblies, Stamped Concrete & VRF
- **Standards: Compliance: SBC Thermal Envelope, ASHRAE 90.1, Acoustic Standards**

MARKET SECTOR 06

Logistics Hubs & Cold Storage

Distribution centers, dry warehouses, cold storage logistics hubs, and container freight yards requiring heavy-duty asphalt and durable epoxy screeds.

- **Target Facilities: Cold Storage Warehouses • Dry Logistics Parks**
- Core Deliverables: High-Flatness Screeds, MOT Aggregates & Heavy Paving
- **Standards: Compliance: TR34 Floor Flatness, Food Safety Hygiene, Civil Defense**

NATIONAL MULTI-SECTOR MOBILIZATION CAPACITY & VISION 2030 ALIGNMENT

Sunrise Build Team maintains cross-disciplinary engineering taskforces, specialized equipment fleets, and verified vendor agreements allowing simultaneous rapid mobilization across commercial, industrial, municipal, and utility job sites kingdom-wide.

SECTION 06: INSTITUTIONAL RELATIONSHIPS

Trusted by Leading Entities Across Saudi Arabia

Our enduring client relationships reflect our relentless focus on safety, technical precision, schedule predictability, and mutual commercial respect.



Strategic Client & Institutional Partnerships

Sunrise Build Team has repeatedly demonstrated delivery competence for leading Saudi government authorities, multinational developers, and major contracting groups:

- Saudi Binladin Group (SBG — Haramain Division): Strategic MEP fabrication, chilled water pipelines, and Al Falaq Tunnel jet fan ventilation commissioning in Makkah Holy City.
- National Water Company (NWC): Execution of major domestic water networks, transmission trunk lines, and sewage pumping station sub-contracts in Riyadh and Al-Muzahmiya.
- Saline Water Conversion Corporation (SWCC): Civil infrastructure, electrical building systems, HVAC plants, and integrated facility management installations in Western Province.
- General Authority of Civil Aviation (GACA / Aswad Group): Specialized welded black steel and stainless fuel piping networks at King Abdulaziz International Airport in Jeddah.
- King Abdullah Economic City (KAEC / IHCC): Turnkey HVAC, fire protection, and life safety systems for commercial and educational developments.
- Private Corporate Giants: Savola Group (Sugar Factory), Hadi Abdul Latif Jameel, Deem Co., Muruj Co., and Zahran Operation & Maintenance.

APPROVED SUBCONTRACTOR
Saudi Aramco & NWC Projects
- Direct Vendor ID Verified
- 100% Acceptance On File

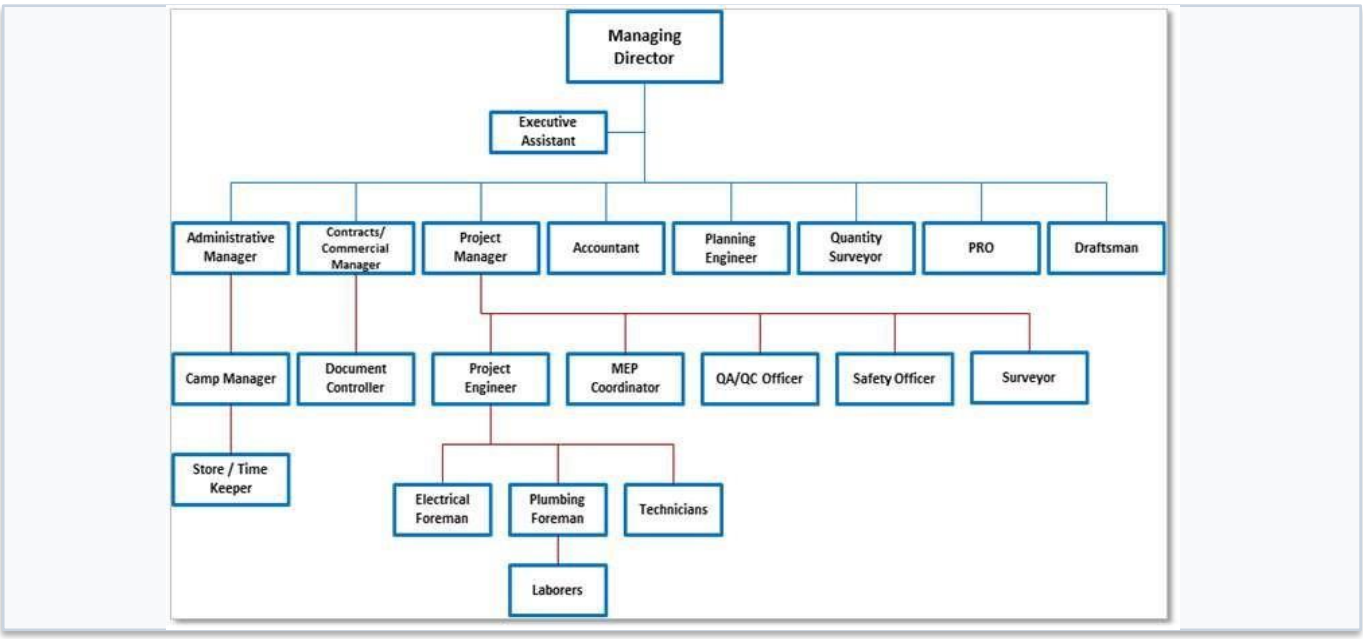
TIER-1 PARTNER
Saudi Binladin Group (Makkah)
- Haramain Division Works
- Al Falaq Tunnel Life Safety

ROYAL COMMISSION VENDOR
Yanbu & Jubail Industrial
- Medical Center Mechanical
- SWCC Taif Infrastructure

SECTION 06: OPERATIONAL LEADERSHIP

Executive Organizational Hierarchy & Workforce Strength

A structured leadership matrix supported by over 200 directly employed engineers, certified technicians, QA/QC inspectors, and skilled tradesmen.



Manpower Category / Specialization	Headcount	Primary Execution Responsibility
Executive Management & Project Directors	8	Strategic direction, contract governance & scheduling
Senior Project Engineers & MEP Coordinators	22	Shop drawings, site coordination & engineering MOS
QA/QC Managers & Safety Officers (HSE)	18	Inspection & Test Plans (ITP), WIR hold points, JSA
Certified Welders & Pipefitters (ASME/AWS)	35	Chilled water piping, spools, steel structural joints
Waterproofing & Thermal Insulation Applicators	45	Torch-applied bitumen, XPS laying, chemical injection
Electricians & Low-Current Technicians	30	Switchgear, MCC, cabling, CCTV & access control
General Construction Trades & Fleet Drivers	42	Site staging, aggregate transport, asphalt & kerbs

TOTAL WORKFORCE STRENGTH: 200+ DIRECTLY EMPLOYED PROFESSIONALS

100% Direct Corporate Sponsorship • Certified QA/QC Inspectors • Multi-Shift Mobilization Ready Across KSA

CORPORATE GOVERNANCE & INTEGRATED MANAGEMENT SYSTEM SPECIFICATION

INTEGRATED MANAGEMENT SYSTEM MANUAL

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

QUALITY • ENVIRONMENT • OCCUPATIONAL HEALTH & SAFETY

PREPARED FOR AND OPERATED BY:

SUNRISE BUILD TEAM COMPANY (SBT)

شركة سانرايز بيلد تيم

CR: 7053364316 | VAT: 314561233800003 | Chamber: 656308 | Aramco Vendor: 10119039
Building 7636, Utbah Ibn Rabiah Street, Al Bawadi District, Jeddah 23531, Kingdom of Saudi Arabia
Tel: +966 54 840 7667 / +966 53 151 7214 | Email: info@sunrisebuildteam.com | Web: www.sunrisebuildteam.com

OFFICIAL CERTIFICATION & OPERATIONAL SCOPE

"Construction of all types of residential buildings and industrial facilities; engineering, procurement, construction and maintenance activities in the residential and industrial sectors; recruitment and supply of manpower; and supply of dune sand, sub-base, base-course and aggregate, plaster sand, and normal sand."

Document Attribute	Control Specification	Administrative Approval Status
Document Number	SBT-IMS-MAN-001	Approved for Pre-Qualification (PQD) & Tendering
Revision / Status	Revision 00 / Controlled Active	Authorized by Executive Management
Effective Date	14/01/2026	Review Cycle: Annual / Event-Driven
Prepared By	Eng. Tariq Mansoor	Lead IMS Consultant / QHSE Manager
Reviewed By	Eng. Amir Kafayat Ullah	Technical Director / QA/QC Lead
Approved By	Usama Kafayat Ullah	General Manager / Executive Director — SBT

CONFIDENTIAL CORPORATE ASSET — INCLUDED IN PRE-QUALIFICATION DOSSIER (PQD)
FOR CERTIFICATION AUDITORS, CLIENT PREQUALIFICATION COMMITTEES, EPC CONTRACTORS, AND PROCUREMENT BODIES

Table of Contents

This Integrated Management System Manual follows a standardized, fully integrated clause structure that aligns with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 across all operations. The table of contents below is dynamically linked to document headings.

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1. Document Control and Governance

This Integrated Management System (IMS) Manual is a controlled document authorized by executive management. It defines the governance policies, organizational structures, and operational frameworks established to meet the standards of ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environmental Management System), and ISO 45001:2018 (Occupational Health & Safety Management System). Unauthorized duplication, alteration, or distribution outside the authorized channels is strictly prohibited.

1. Document Authorization and Identification

The following control metadata establishes the administrative baseline, review cycle, and executive ownership for this manual:

Document Metadata Attribute	Control Specification
Document Title	INTEGRATED MANAGEMENT SYSTEM MANUAL (ISO 9001 | ISO 14001 | ISO 45001)
Document Number	SBT-IMS-MAN-001
Revision Number	Rev 00
Issue Date	14/01/2026
Effective Date	14/01/2026
Document Owner	QHSE / Integrated Management System Department
Prepared By	Eng. Tariq Mansoor — QHSE Manager
Reviewed By	Eng. Amir Kafayat Ullah — Technical Director
Approved By	Usama Kafayat Ullah — General Manager / Executive Director
Controlled Status	CONTROLLED COPY — Master Registered in IMS Electronic Document Management System
Review Cycle	Annual or upon significant statutory, operational, or organizational modifications
Applicability	Corporate Headquarters, Residential & Industrial Projects, Waterproofing, Quarries, Manpower

1.2 Controlled Distribution Register

Controlled copies of this manual are distributed to designated custodians who are responsible for ensuring that personnel under their supervision maintain operational awareness and compliance. Any unnumbered printed copy is classified as UNCONTROLLED and is valid only on the date of printing.

Copy No.	Designated Custodian / Role	Location / Department	Format	Status
Copy 01	General Manager / Executive Director	Executive Office	Electronic (PDF)	Controlled Active
Copy 02	Technical Director	Technical & Engineering	Electronic (PDF)	Controlled Active
Copy 03	IMS / QHSE Manager	QHSE Corporate Department	Master Editable & PDF	Controlled Master
Copy 04	Project Managers / Site In-Charge	Residential & Industrial Project Sites	Electronic Portal / Controlled Binder	Controlled Active
Copy 05	HR & Manpower Supply Manager	Recruitment & Manpower Division	Electronic (PDF)	Controlled Active
Copy 06	Procurement & Logistics Manager	Supply Chain & Materials Depot	Electronic (PDF)	Controlled Active
Copy 07	External Audit / Client PQD Archive	Prequalification Submissions	Secured PDF	Controlled Submission

1.3 Revision History

All modifications to this manual are formally recorded in this revision register. Significant changes are reviewed and approved by the designated authorities prior to re-issuance.

Rev	Date	Description of Modification / Scope Update	Prepared By	Reviewed By	Approved By
00	14/01/2026	Initial Release of the Integrated Management System (IMS) Manual, aligned with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018, for organizational certification and client Pre-Qualification Document (PQD) evaluation.	Eng. Tariq Mansoor	Eng. Amir Kafayat Ullah	Usama Kafayat Ullah
01	Scheduled	Annual Management Review update, operational feedback integration, and continual improvement refinement.	Eng. Tariq Mansoor	Eng. Amir Kafayat Ullah	Usama Kafayat Ullah

2. Purpose of the Integrated Management System Manual

Strategic Governance Intent: The purpose of this Integrated Management System (IMS) Manual is to define, document, and communicate the governance architecture, operational policies, and risk mitigation methodologies established by Sunrise Build Team Company (SBT). Rather than operating fragmented, standalone management systems, the organization has created a unified management system that harmonizes:

- **Quality Pillar:** ISO 9001:2015 — Quality Management Systems: Ensuring consistent customer satisfaction, flawless project execution, defect-free construction and materials delivery, and strict adherence to contractual specifications.

- **Environmental Pillar:** ISO 14001:2015 — Environmental Management Systems: Protecting the natural environment, preventing pollution, suppressing dust, controlling hazardous spills, minimizing waste generation, and managing environmental compliance obligations across construction and quarry transport operations.
- **OH&S Pillar:** ISO 45001:2018 — Occupational Health & Safety Management Systems: Providing safe and healthy working environments, preventing work-related injuries and ill health, proactively eliminating workplace hazards, fostering worker consultation, and enforcing safe operating practices across all construction, maintenance, manpower supply, and bulk material haulage sites.

This manual serves as the definitive reference document for internal audits, external certification audits by accredited registrars, and comprehensive Pre-Qualification Document (PQD) evaluations by client engineering departments, EPC main contractors, and governmental authorities. It illustrates the organizational maturity, operational control, and procedural discipline embedded in every activity within the organization's certified operational scope.

> **IMS Management Commitment**
> *CORE MANAGEMENT PRINCIPLE: Operational integration ensures that Quality, Environmental Protection, and Occupational Health & Safety are not treated as secondary considerations, but as inseparable, essential elements of daily site execution, procurement, logistics, and workforce management.*

3. Reference Standards and Applicable Requirements

The Integrated Management System is structured in strict conformance with international management standards, statutory regulations, and contractual quality, environmental, and safety specifications. The following documents constitute the normative and governing reference framework:

1. International Management Standards

- **ISO 9001:2015:** ISO 9001:2015 — Quality Management Systems — Requirements.
- **ISO 14001:2015:** ISO 14001:2015 — Environmental Management Systems — Requirements with guidance for use.
- **ISO 45001:2018:** ISO 45001:2018 — Occupational Health and Safety Management Systems — Requirements with guidance for use.
- **ISO 19011:2018:** ISO 19011:2018 — Guidelines for Auditing Management Systems (applicable to internal audits and supplier assessments).
- **ISO 31000:2018:** ISO 31000:2018 — Risk Management — Guidelines (incorporated into operational risk assessment protocols).
- **ISO 10005:2018:** ISO 10005:2018 — Quality Management — Guidelines for Quality Plans (applicable to Project Quality Plans - PQP).

3.2 Statutory, Regulatory and Municipal Requirements

The organization maintains strict adherence to applicable national, regional, and municipal legislation, including but not limited to:

- **Labor & Welfare:** National Labor Law and Occupational Health & Safety Regulations governing working hours, worker welfare, occupational health, and recruitment standards.

- **Environmental Law:** National Environmental Protection Laws, General Environmental Regulations, and ambient air/dust quality guidelines.
- **Life Safety & Fire:** Civil Defense Regulations and National Building Codes concerning structural integrity, fire prevention, scaffolding, and emergency evacuation.
- **Transport & Haulage:** Ministry of Transport and Highway Authority regulations governing gross vehicle weights, axle limits, mandatory cargo tarping, and heavy vehicle tracking.
- **Municipal & Mining:** Municipal and Mining / Natural Resource Regulations concerning sand borrow pits, quarry extraction permits, sub-base material testing, and environmental protection.
- **Client Standards:** Client Contractual Specifications, Project Quality Plans, Construction Safety Manuals, and Environmental Constraints.

4. Definitions and Abbreviations

To establish absolute clarity across all operational departments, project sites, and audit interactions, the following terms and abbreviations are defined as used throughout this manual and supporting IMS documented information:

1. Terminology and Definitions

Term	Operational and Standard Definition
Audit	Systematic, independent, and documented process for obtaining objective evidence and evaluating it objectively to determine the extent to which audit criteria are fulfilled.
Competence	Demonstrated ability to apply knowledge, training, education, and skills to achieve intended operational results safely and effectively.
Conformity	Fulfillment of a requirement specified by ISO standards, statutory bodies, or contractual documents.
Continual Improvement	Recurring activity to enhance performance across quality, environmental management, and occupational health and safety.
Corrective Action	Action taken to eliminate the cause of a nonconformity, incident, or undesirable condition and to prevent its recurrence.
Documented Information	Information required to be controlled and maintained by the organization, including procedures, plans, specifications, registers, and records.
Effectiveness	Extent to which planned activities are realized and planned results are achieved.
Environmental Aspect	Element of an organization's activities, products, or services that interacts or can interact with the environment (e.g., dust generation, fuel spill, waste production).
Environmental Impact	Change to the environment, whether adverse or beneficial, wholly or partially resulting from an organization's environmental aspects.
Hazard	Source with a potential to cause injury and ill health (e.g., deep excavation, working at height, moving heavy equipment, silica dust).
High Potential (HIPO) Incident	An incident or near-miss that, under slightly different circumstances, had the realistic potential to cause a fatality or permanent disabling injury.

Term	Operational and Standard Definition
Incident	Occurrence arising out of, or in the course of, work that could or does result in injury, ill health, environmental damage, or property loss.
Inspection & Test Plan (ITP)	A controlled matrix identifying all quality inspection stages, verification methods, acceptance criteria, and intervention points (Hold, Witness, Review).
Integrated Management System (IMS)	Part of an organization's management system used to develop and implement its integrated policy and manage quality, environmental, and OH&S risks.
Interested Party	Person or organization that can affect, be affected by, or perceive itself to be affected by a decision or activity (e.g., clients, regulators, employees, communities).
Nonconformity (NCR)	Non-fulfillment of a requirement; deviation from specifications, drawings, procedures, or ISO standards.
Occupational Health & Safety (OH&S) Risk	Combination of the likelihood of a work-related hazardous event or exposure and the severity of injury and ill health it can cause.
Opportunity	A circumstance or set of circumstances that can lead to improved operational performance, enhanced quality, or reduced risk.
Process	A set of interrelated or interacting activities that transform inputs into outputs.
Risk Assessment	Overall process of risk identification, risk analysis, and risk evaluation.
Subcontractor	External organization providing specialized trade services, labor, or equipment under contractual supervision on project sites.
Supplier	External organization providing construction materials (sand, sub-base, aggregates), equipment, or consumables to the organization.
Top Management	Person or group of people who direct and control an organization at the highest level (Managing Director, General Manager).
Worker	Person performing work or work-related activities under the organization's control, including direct employees and supplied manpower.

4.2 Common Abbreviations

Abbreviation	Full Term / Meaning	Abbreviation	Full Term / Meaning
AVL	Approved Vendor List	MIR	Material Inspection Request
CAR	Corrective Action Request	MS	Method Statement
CBR	California Bearing Ratio	MSDS / SDS	Safety Data Sheet
COSHH	Control of Substances Hazardous to Health	NCR	Nonconformity Report
EMP	Environmental Management Plan	OFI	Opportunity for Improvement
EMS	Environmental Management System	OH&S	Occupational Health & Safety
EPC	Engineering, Procurement & Construction	PDCA	Plan-Do-Check-Act
ERP	Emergency Response Plan	PPE	Personal Protective Equipment

Abbreviation	Full Term / Meaning	Abbreviation	Full Term / Meaning
HIRA	Hazard Identification & Risk Assessment	PQP	Project Quality Plan
HSE	Health, Safety & Environment	PQD	Pre-Qualification Document
IFC	Issued For Construction	PTW	Permit to Work
IMS	Integrated Management System	QA/QC	Quality Assurance / Quality Control
ITP	Inspection and Test Plan	QHSE	Quality, Health, Safety & Environment
JHA / JSA	Job Hazard Analysis / Job Safety Analysis	RFI	Request for Information / Inspection
KPI	Key Performance Indicator	SOP	Standard Operating Procedure
LOTO	Lockout / Tagout	SWA	Stop Work Authority
LTIFR	Lost Time Injury Frequency Rate	TBT	Toolbox Talk
MDR	Master Document Register	TRIR	Total Recordable Incident Rate

5. Context of the Organization

In conformance with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 (Clause 4), Sunrise Build Team Company (SBT) systematically analyzes the internal and external conditions that influence its ability to achieve intended management system outcomes. This analysis is reviewed during annual Strategic Management Reviews and updated whenever major economic, statutory, or operational changes occur.

1. Understanding the Organization and Its Context

Sunrise Build Team Company (SBT) operates as a multidisciplinary organization providing general contracting, engineering support, technical maintenance, manpower supply, and logistics for bulk construction materials. The operational model requires high reliability, rapid mobilization capabilities, strict site safety governance, and uncompromising material quality control across all project environments.

2. Internal Issues

The organization actively evaluates and manages internal factors impacting IMS performance:

- **Human Capital & Competence:** Maintaining a pool of certified engineers, QA/QC inspectors, safety officers, skilled craftsmen, and heavy equipment operators. Continuously screening and upskilling supplied manpower.
- **Plant, Fleet & Infrastructure:** Deploying modern civil construction machinery, mobile cranes, excavators, tipper trucks, and laboratory-calibrated inspection equipment. Maintaining rigorous preventive maintenance schedules.
- **Organizational Culture & Values:** Fostering an integrated culture prioritizing safety, right-first-time quality, and proactive environmental stewardship across all tiers of management and site workers.
- **Information & Communication:** Operating structured communication channels, weekly progress meetings, daily toolbox talks, and multilingual safety and quality briefings.
- **Financial Stability & Resources:** Maintaining robust cash flow management, timely supplier payments, and targeted capital expenditure for safety gear, fleet modernization, and testing resources.

5.3 External Issues

The organization continuously monitors external forces and market variables:

- **Market & Economic Climate:** Sustained demand for residential complexes, industrial hubs, and commercial logistics infrastructure, requiring agile mobilization and stringent contractor prequalification.
- **Statutory & Regulatory Developments:** Evolving labor regulations, nationalization mandates, municipal building codes, environmental dust and waste laws, and civil defense standards.
- **Environmental & Climatic Conditions:** Operating in arid desert environments characterized by extreme summer heat (triggering mandatory midday work bans), high ambient dust, sandstorms, and flash flood potential.
- **Supply Chain Dynamics:** Fluctuations in raw material supply (quarry reserves, cement, steel, fuel), transportation bottlenecks, and regional logistics corridor restrictions.
- **Client & Industry Expectations:** Strict prequalification requirements enforced by Tier-1 clients, major EPC contractors, and government ministries regarding HSE performance, QA/QC documentation, and audit readiness.

5.4 Interested Parties and 5.5 Needs and Expectations

The organization has mapped its key stakeholders, determining their specific needs, expectations, and how the IMS addresses them:

Interested Party	Key Needs and Expectations	Applicable Standard	IMS Operational Response
Clients / Project Owners / EPC Contractors	Defect-free construction; adherence to specifications & ITPs; on-time handover; zero lost-time incidents; strict environmental compliance; competent manpower; certified materials.	ISO 9001 ISO 14001 ISO 45001	Project Quality Plans (PQP), Site HSE Plans, ITP hold points, daily supervision, material test certificates, monthly client reporting.
Government & Statutory Authorities	Full compliance with national labor laws, civil defense fire codes, environmental protection regulations, transport weight limits, and municipal building codes.	ISO 9001 ISO 14001 ISO 45001	Controlled Legal Register, mandatory permits (PTW), licensed waste disposal, vehicle weighbridge checks, routine compliance evaluations.
Employees & Direct Workers	Safe working conditions; fair wages; adequate PPE; heat stress management; humane accommodation; professional training; open hazard reporting without fear of reprisal.	ISO 45001 ISO 9001	HSE induction, worker safety committee, Stop Work Authority (SWA), medical checkups, chilled drinking water, daily toolbox talks.
Recruited & Supplied Manpower	Accurate job placement; timely salary disbursement; safe client site environments; proper trade training; welfare support; emergency medical assistance.	ISO 45001 ISO 9001	Rigorous pre-deployment screening, client site HSE audits, welfare monitoring, grievance mechanism, emergency repatriation support.

Interested Party	Key Needs and Expectations	Applicable Standard	IMS Operational Response
Suppliers & Subcontractors	Clear purchase orders & specifications; fair payment terms; safe site access; transparent performance evaluations; mutual business growth.	ISO 9001 ISO 14001 ISO 45001	Approved Vendor List (AVL) system, clear technical datasheets, incoming material inspection, joint site safety coordination.
Local Communities & Neighbors	Minimal construction noise and vibration; effective dust suppression; safe truck routing; clean public roads; zero contamination of local soil or groundwater.	ISO 14001 ISO 45001	Tarped sand/aggregate transport, daily water-bowser spraying, restricted nighttime working hours, traffic control flagmen.
Certification & Audit Bodies	Transparent demonstration of ISO compliance; audit-ready records; objective evidence; effective management reviews; robust corrective actions.	ISO 9001 ISO 14001 ISO 45001	Annual internal audit programs, controlled document architecture, closed CAR records, formal MRM records.

5.6 IMS Scope Summary

Based on this context and stakeholder evaluation, the organization has determined the boundaries and applicability of its Integrated Management System, establishing comprehensive operational governance over all activities defined in Section 6.

6. Scope of Certification and Operational Boundaries

The certification scope of Sunrise Build Team Company (SBT) encompasses the full spectrum of core operations, services, and supply logistics. The officially registered, audited, and approved scope of certification is:

> **OFFICIALLY REGISTERED CERTIFICATION SCOPE**
> *"Construction of all types of residential buildings and industrial facilities; engineering, procurement, construction and maintenance activities in the residential and industrial sectors; recruitment and supply of manpower; and supply of dune sand, sub-base, base-course and aggregate, plaster sand, and normal sand."*

1. Operational Boundaries and Coverage

The Integrated Management System applies to all personnel, physical facilities, permanent sites, temporary project locations, and logistics corridors operated by or under the direct management control of Sunrise Build Team Company (SBT), specifically including:

- **Corporate Head Office & Administrative Centers:** Executive leadership, tendering, engineering technical review, procurement, vendor qualification, human resources, recruitment screening, QHSE administration, document control, and finance.

- **Residential Building Construction Sites:** Mobilization, earthworks, foundations, structural concrete, masonry, waterproofing, architectural finishing, MEP coordination, QA/QC inspections, and client handover for residential developments.
- **Industrial Facilities Construction Sites:** Civil foundations, structural steel erection, industrial cladding, heavy equipment interfaces, specialized industrial flooring, shutdown maintenance support, and commissioning interfaces.
- **Engineering & Technical Coordination Offices:** Constructability reviews, value engineering support, shop drawing coordination, technical submittals, RFI tracking, and as-built drawing preparation.
- **Procurement Yards & Equipment Staging Depots:** Central warehousing, material staging areas, chemical storage sheds, plant and equipment repair workshops, and scaffolding yards.
- **Facility Maintenance Locations:** Preventive, scheduled, and breakdown maintenance operations across residential compounds, commercial facilities, and industrial operating plants.
- **Recruitment & Manpower Supply Operations:** Recruitment assessment offices, skill testing centers, worker welfare accommodations, catering and transport facilities, and deployment tracking across client sites.
- **Material Supply Logistics & Stockpile Yards:** Approved sand borrow pits, aggregate extraction sources, washing/screening depots, stockpiles, weighbridges, and dedicated logistics transport routes.
- **Subcontractors & Haulage Fleets:** Direct oversight, prequalification, induction, method statement enforcement, and safety monitoring of all sub-contracted trades and outsourced haulers.
- **Temporary Site Facilities:** Site offices, welfare rest shelters, first aid clinics, temporary power setups, sanitary facilities, and hazardous waste storage enclosures.

6.2 Statement of Standard Applicability and Exclusions

The organization applies all requirements of ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 across the stated scope. With respect to ISO 9001:2015 Clause 8.3 (Design and Development of Products and Services):

Where contracts specify a 'Construct-Only' or 'Supply-Only' delivery model based on client-provided engineering designs, Issued-For-Construction (IFC) drawings, and employer technical specifications, the design and development requirements of Clause 8.3 are not applicable to the base design. However, the organization maintains full control over engineering verification, shop drawings, technical submittals, constructability analysis, and as-built drafting as detailed in Section 11.2. Where the organization is contracted under an EPC or Design-Build arrangement, Clause 8.3 is fully applied through certified external design partners and in-house engineering management.

No requirements of ISO 14001:2015 or ISO 45001:2018 are excluded. All environmental aspects and occupational health and safety hazards are subject to complete operational and monitoring controls across all operational domains.

7. Integrated Management System Architecture

Sunrise Build Team Company (SBT) has established, documented, implemented, and maintained an Integrated Management System (IMS) that complies with the requirements of ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018. The system is designed to operate seamlessly across all organizational functions, ensuring that operational execution is systematically guided by quality assurance, environmental conservation, and hazard prevention.

1. Plan-Do-Check-Act (PDCA) Core Architecture

The IMS architecture operates on the continuous closed-loop Plan-Do-Check-Act (PDCA) framework across all management tiers:

- **PLAN:** Establish organizational objectives, identify legal requirements, assess quality risks, evaluate environmental aspects, and conduct OH&S hazard identification and risk assessments (HIRA) tailored to specific project and supply contracts.
- **DO:** Implement operational controls across engineering, procurement, recruitment, construction, maintenance, and sand/aggregate supply. Provide competent resources, training, and communication.
- **CHECK:** Monitor, inspect, and measure processes against project quality plans (PQP), inspection and test plans (ITP), environmental management plans (EMP), and site safety plans. Conduct internal audits and compliance evaluations.
- **ACT:** Take immediate corrective actions on nonconformities, implement preventative measures, evaluate root causes, and conduct executive management reviews to drive continual improvement across all operations.

7.2 Process Interaction Model

The operations of Sunrise Build Team Company (SBT) are structured as an interconnected network of core business and support processes. The sequence and interaction of these processes is modeled as follows:

Process Stage	Key Activities and Deliverables	Integrated QHSE Controls
1. Leadership & Governance	Strategic planning, policy issuance, resource allocation, and organizational governance.	Integrated Policy, KPI target setting, management reviews.
2. Tender & Contract Review	Review of client drawings, specifications, bill of quantities, schedules, and contractual conditions.	Statutory review, constructability review, HSE risk identification, contract risk assessment.
3. Engineering & Coordination	Review of IFC drawings, generation of shop drawings, technical submittals, and RFI management.	Engineering change control, constructability optimization, safety-in-design verification.
4. Procurement & Sourcing	Purchasing raw materials, steel, cement, tools, PPE, and plant equipment.	Vendor prequalification, approved vendor list (AVL), technical datasheets, incoming QA checks.
5. Supplier & Subcontractor Mgmt	Outsourcing specialized packages, haulage agreements, quarry contracts.	Subcontractor HSE vetting, compliance audits, performance ratings.
6. Manpower Recruitment & Supply	Sourcing, credential verification, trade testing, medical checkups, and worker deployment.	Competency verification, welfare monitoring, safety induction, client site safety compliance.
7. Construction (Residential)	Earthworks, structural concrete, masonry, waterproofing, architectural finishing, MEP interface.	Project Quality Plans, ITP hold points, daily safety inspections, dust & noise controls.

Process Stage	Key Activities and Deliverables	Integrated QHSE Controls
8. Construction (Industrial)	Industrial civil foundations, heavy steel erection, specialized flooring, plant shutdown works.	Permit to Work (PTW), crane lift plans, confined space safety, industrial waste segregation.
9. Facility Maintenance	Preventive servicing, MEP repairs, civil structural repairs, emergency troubleshooting.	Task risk assessments (JSA), electrical LOTO, client sign-off, work order records.
10. Material Supply Logistics	Extraction/sourcing of dune sand, sub-base, base-course, aggregates, plaster & normal sand.	Gradation testing, CBR testing, covered tarped haulage, weighbridge tracking, dust controls.
11. Inspection & QA/QC	Field inspections, laboratory testing, third-party tests, calibration of test devices.	Work Inspection Requests (WIR), Material Inspection Requests (MIR), test reports.
12. Client Handover & Satisfaction	Punch list clearance, testing & commissioning, as-built documentation, client survey.	Warranty handover, customer satisfaction index, formal acceptance certificates.
13. Corrective Action & Improvement	Root cause analysis, nonconformity reporting (NCR), incident investigation, lessons learned.	Corrective Action Requests (CAR), incident registers, continual improvement initiatives.

Environmental management, occupational safety controls, risk management, and compliance obligations are embedded directly into every operational stage rather than managed as isolated silos.

8. Leadership and Governance

Top Management of Sunrise Build Team Company (SBT) demonstrates visible leadership and commitment with respect to the Integrated Management System. Executive management takes overall accountability for the effectiveness of the IMS, the prevention of work-related injury and ill health, the protection of the natural environment, and the consistent delivery of high-quality construction and supply services.

1. Top Management Commitment

Top Management fulfills its leadership commitments by:

- **Policy & Direction:** Ensuring that the Integrated Management Policy and measurable objectives are established, compatible with the strategic direction and context of the company.
- **System Integration:** Ensuring the integration of IMS requirements into the organization's core business processes, tenders, and site operations.
- **Resource Provision:** Providing the essential resources (financial, human capital, specialized plant, safety equipment, and testing tools) necessary for IMS maintenance.
- **Active Communication:** Communicating the critical importance of effective quality management, environmental stewardship, and strict adherence to OH&S rules.
- **Culture of Improvement:** Directing and supporting personnel to contribute actively to the effectiveness of the IMS and promoting an organizational culture of continual improvement.
- **Worker Protection:** Protecting workers from reprisals when reporting hazards, incidents, near-misses, or exercising their Stop Work Authority (SWA).

8.2 Integrated Management Policy (Quality, Environment, OH&S)

Top Management has approved the following official Integrated Management Policy, which is communicated to all employees, made available to interested parties, and prominently displayed across all facilities, offices, and project sites:

CORPORATE POLICY STATEMENT
INTEGRATED MANAGEMENT SYSTEM POLICY

Sunrise Build Team Company (SBT) is dedicated to delivering engineering, procurement, construction, maintenance, manpower supply, and construction material supply services with the highest benchmarks of quality, environmental sustainability, and occupational health and safety. We are committed to:

1. QUALITY EXCELLENCE (ISO 9001:2015):
• Achieving total customer satisfaction by delivering residential buildings, industrial facilities, and certified construction materials that fully conform to contractual specifications, international engineering standards, and agreed timelines.
• Preventing defects and rework through systematic quality planning, rigorous Inspection & Test Plans (ITPs), and robust supplier management.
• Fostering an organizational culture of continual improvement across all operational and administrative processes.

2. ENVIRONMENTAL RESPONSIBILITY (ISO 14001:2015):
• Protecting the natural environment and preventing pollution across all construction sites, workshops, borrow pits, and transport routes.
• Controlling fugitive dust emissions through mandatory tarping, water spraying, and enclosed handling of sand and aggregates.
• Minimizing waste generation through segregation, reuse, recycling, and licensed disposal of hazardous and non-hazardous materials.
• Promoting the efficient and sustainable consumption of water, fuel, electricity, and raw materials.
• Complying with all applicable national environmental laws, municipal regulations, and client environmental guidelines.

3. OCCUPATIONAL HEALTH & SAFETY (ISO 45001:2018):
• Providing safe, healthy, and incident-free working conditions for all direct employees, supplied manpower, subcontractors, and visitors.
• Proactively eliminating workplace hazards and reducing OH&S risks through the strict application of the hierarchy of controls.
• Ensuring active worker consultation, participation, and open reporting of hazards and near-misses without fear of reprisal.
• Enforcing the unconditional 'Stop Work Authority' (SWA) whenever an unsafe act, condition, or imminent danger is identified.
• Complying strictly with national labor laws, civil defense fire codes, transport safety mandates, and client safety specifications.

Approved By: Usama Kafayat Ullah — General Manager / Executive Director
Effective Date: 14/01/2026 | Sunrise Build Team Company (SBT)

8.3 Organizational Roles, Responsibilities, and Authorities

Top Management has defined and assigned organizational responsibilities and authorities to ensure that the IMS functions with complete accountability. The following detailed matrix outlines the specific QHSE responsibilities across all key roles:

Designated Role	Key Operational Responsibilities	QHSE & IMS Governance Mandate
Managing Director	Ultimate executive accountability; strategic decision-making; approves corporate policy, annual budgets, and resource allocation.	Authorizes the IMS manual and corporate policy; chairs annual Management Review Meetings; ensures executive compliance.
General Manager	Oversees daily operations across the construction, maintenance, manpower supply, and material logistics divisions.	Enforces policy compliance; reviews operational KPIs; ensures adequate site staffing, plant, and safety resources.
IMS / QHSE Manager	Manages the Integrated Management System; coordinates internal and external audits; tracks corrective actions; oversees compliance.	Acts as Management Representative; maintains document master register; drives ISO 9001/14001/45001 compliance; reports directly to MD.
Project Manager	Directs site operations; responsible for project schedule, budget, quality delivery, client interface, and site safety.	Ensures site compliance with Project Quality Plan (PQP) and Site HSE Plan; participates in incident investigations; enforces stop-work.
Construction Manager	Controls day-to-day civil, structural, and finishing activities; coordinates site engineers, supervisors, and subcontractors.	Enforces ITP inspection hold points; verifies work method statements; ensures site hazard controls and housekeeping standards.
Engineering Manager	Directs technical coordination; reviews IFC drawings; oversees shop drawings, technical submittals, and RFI processes.	Ensures constructability; verifies engineering specifications; manages drawing revision control; ensures safety by design.
Procurement Manager	Manages purchasing of materials (cement, steel, PPE, plant); oversees Approved Vendor List (AVL) and supplier contracts.	Enforces vendor prequalification; demands Mill Test Certificates; ensures purchase orders include explicit QHSE specifications.
QA/QC Manager	Directs quality control and assurance; oversees site QC inspectors; reviews ITPs, method statements, and laboratory test reports.	Issues Nonconformity Reports (NCR); verifies rework; oversees third-party material testing (CBR, sieve analysis, concrete crushing).
HSE Manager	Develops HSE plans, emergency response procedures, and hazard assessments; oversees site safety officers; monitors compliance.	Tracks LTIFR and TRIR metrics; manages environmental aspect registers; conducts site risk assessments; oversees incident investigations.
HSE Officer	Conducts daily site inspections; delivers site inductions; facilitates toolbox talks; audits high-risk permits (PTW, lifting, hot work).	Enforces PPE compliance; monitors dust suppression; inspects scaffolding, excavations, and plant; halts unsafe work immediately.

Designated Role	Key Operational Responsibilities	QHSE & IMS Governance Mandate
HR / Manpower Manager	Oversees recruitment, worker vetting, trade testing, visa processing, accommodation, transport, and deployment to clients.	Verifies workers' competencies, trade certifications, and medical fitness; audits labor camp welfare and wage-protection standards.
Site Supervisor / Foreman	Directs daily trade execution; oversees direct laborers and supplied manpower; coordinates tasks with trade subcontractors.	Conducts daily pre-task briefings (TBT); ensures workers wear required PPE; verifies trench shoring, scaffold tags, and work permits.
Storekeeper / Materials Controller	Manages central and site storage yards; receives, inspects, and preserves incoming materials, chemicals, and tools.	Inspects delivery notes and MTCs; segregates nonconforming goods; maintains chemical SDS sheets, drip trays, and spill kits.
Drivers & Heavy Plant Operators	Operates excavators, loaders, mobile cranes, and tipper trucks transporting sand, sub-base, and aggregates.	Performs daily pre-trip inspections; adheres to site speed limits; ensures dump truck loads are covered with tarpaulins; drives defensively.
Direct Workers & Craftsmen	Executes skilled and general construction, maintenance, and material handling tasks.	Follows method statements and safety rules; wears mandatory PPE; reports hazards and near-misses; exercises Stop Work Authority.
Subcontractors & Outsourced Haulers	Executes contracted trade packages (specialized finishing, MEP) and outsourced bulk material haulage.	Subject to IMS prequalification; must follow site HSE plans, submit trade worker certifications, and maintain insured, tarped trucks.

9. Planning and Risk Management

Planning within the Integrated Management System is a continuous, proactive process designed to identify risks and opportunities, manage environmental aspects, assess occupational health and safety hazards, ensure full legal compliance, and establish measurable objectives across all business divisions.

1. Actions to Address Risks and Opportunities

The organization has implemented a unified risk management methodology based on ISO 31000 principles. Risks and opportunities are evaluated using a 5x5 Likelihood-Consequence matrix (Risk Score = Likelihood [1-5] × Severity [1-5]). Scores are categorized as Low (1-4), Medium (5-12), High (15-20), or Critical (25), dictating mandatory mitigation controls and executive review.

2. Quality Risks and Opportunities

The organization assesses risks impacting quality, contractual delivery, and customer satisfaction:

- **Supply Chain Bottlenecks:** Disruption in bulk sand/aggregate supply or steel/cement shortages. Mitigation: Dual-sourcing agreements, pre-vetted reserve quarries, buffer stockpiles.
- **Technical Interface & Design Errors:** Delayed drawing approvals or conflicting design details. Mitigation: Dedicated engineering coordination team, early constructability reviews, structured RFI tracking.

- **Environmental Curing Risks:** Premature drying and cracking of concrete during summer desert temperatures. Mitigation: Chilled water, ice batching, night casting, curing compounds, continuous wet hessian covering.
- **Subcontractor Quality Deviations:** Subcontractor default or substandard craftsmanship. Mitigation: Rigorous prequalification, mandatory mock-ups, strict ITP hold points, withholding retention payments until QC clearance.

9.3 Environmental Aspects and Impacts

In accordance with ISO 14001:2015, the organization maintains an Environmental Aspects and Impacts Register covering normal, abnormal, and emergency operating conditions. Significance is determined based on legal compliance, scale, severity, duration, and community sensitivity.

- **Fugitive Dust Generation:** Aspect: Bulk loading, unloading, and haulage of dune sand, aggregate, and sub-base. Impact: Localized air pollution, respiratory irritation. Control: Mandatory water bowser spraying, vehicle speed restrictions (20 km/h on site), mandatory heavy canvas tarping on all transport tipper trucks.
- **Hydrocarbon Spills & Leaks:** Aspect: Hydraulic hose burst or fuel leakage during heavy plant operation. Impact: Soil and groundwater contamination. Control: Certified equipment inspection, mandatory drip trays under stationary plant, site spill response kits, trained operators.
- **Solid Construction Waste:** Aspect: Concrete washout, timber offcuts, packaging, scrap metal. Impact: Landfill burden, site clutter. Control: Designated segregated waste-collection skips, timber reuse, scrap-metal recycling, licensed industrial-waste haulage.
- **Noise and Vibration:** Aspect: Operation of heavy earthmoving machinery, diesel generators, and pneumatic tools. Impact: Community disturbance, worker acoustic strain. Control: Modern acoustic mufflers, restricted operating hours near residential zones, regular engine maintenance.

9.4 OH&S Hazard Identification and Risk Assessment (HIRA)

In accordance with ISO 45001:2018, the organization conducts baseline, project-specific, and daily continuous Job Hazard Analyses (JHA/JSA). Risk mitigation is strictly governed by the international Hierarchy of Controls:

- **1. Elimination:** Physically remove the hazard (e.g., pre-fabricating rebar cages at ground level to eliminate working at height).
- **2. Substitution:** Replace hazardous materials or tools with safer alternatives (e.g., water-based formwork release agents instead of toxic solvent oils).
- **3. Engineering Controls:** Isolate workers from hazards (e.g., certified trench shoring boxes, robust scaffold guardrails, perimeter safety screens, acoustic enclosures).
- **4. Administrative Controls:** Implement safe work procedures, Permit-to-Work (PTW) systems, certified equipment inspections, job rotation, training, and safety signage.
- **5. Personal Protective Equipment (PPE):** Provide certified safety helmets, high-visibility vests, steel-toe boots, safety harnesses with shock-absorbing lanyards, eye protection, and respirators.

9.5 Legal and Other Requirements and 9.6 Compliance Obligations

The IMS Manager maintains a controlled Legal & Compliance Register. Statutory requirements are tracked, reviewed quarterly, and evaluated annually. Any changes in labor law, environmental standards, civil defense codes, or client safety manuals trigger immediate updates to operating procedures and training programs.

9.7 Integrated Management System Objectives

The organization establishes measurable, realistic objectives consistent with the Integrated Management Policy. These objectives are monitored quarterly and evaluated during annual Management Reviews. The controlled corporate objectives are:

Pillar	Strategic Operational Objective	Target / Metric	Monitoring Frequency	Responsible Role
Quality	Minimize internal and client-issued Nonconformity Reports (NCRs).	Reduce rework costs to < 1.0% of total project value	Monthly	QA/QC Manager
Quality	Achieve high client satisfaction ratings across construction and supply contracts.	Maintain Client Satisfaction Index >= 85%	Per Project Handover	Operations Director
Quality	Ensure 100% on-spec material supply (sand, aggregate, sub-base, base-course).	Zero rejected delivery loads due to gradation/CBR failure	Monthly	Procurement / Materials Manager
Quality	Ensure timely closeout of punch list items during project handover.	100% snag items cleared within 14 calendar days	Per Project	Project Manager
Environment	Prevent hazardous soil and groundwater contamination.	Zero major reportable fuel or chemical spills (> 10 Liters)	Continuous / Monthly	HSE Manager
Environment	Ensure 100% compliance with dust suppression during bulk material transport.	100% sand/aggregate trucks covered with sealed tarpaulins	Daily / Monthly	Logistics & Transport Manager
Environment	Maximize construction waste segregation and recycling.	Divert >= 40% of inert concrete/steel waste from landfills	Quarterly	Site HSE Officers
Environment	Control site water consumption through conservation practices.	Reduce potable water wastage on site by 15%	Quarterly	Construction Manager
OH&S	Prevent serious workplace injuries across all project sites and facilities.	Maintain Zero Fatalities and Zero Lost Time Injuries (LTIFR = 0.0)	Monthly / Annual	Managing Director / HSE Manager
OH&S	Promote proactive workplace hazard reporting and hazard correction.	Achieve >= 10 near-miss / hazard reports per site per month	Monthly	HSE Officers / Supervisors
OH&S	Ensure 100% participation in mandatory pre-task safety briefings.	100% workforce attendance at daily Toolbox Talks (TBT)	Daily	Site Supervisors
OH&S	Prevent heat stress incidents during high-temperature desert operations.	Zero severe heat stroke cases through mandatory thermal breaks & hydration	Summer Months	HSE Manager / Camp Doctors
OH&S	Maintain 100% valid medical and trade certifications for supplied manpower.	100% deployed workers medically certified and trade vetted	Continuous	HR / Manpower Supply Manager

10. Support, Competence, and Document Governance

To achieve the intended outcomes of the Integrated Management System, Sunrise Build Team Company (SBT) ensures the provision of adequate resources, competent personnel, continuous training, effective multi-channel communications, active worker participation, and rigorous control of documented information.

1. Resources and Infrastructure

Top Management provides all necessary infrastructure, including:

- **Physical Facilities:** Corporate offices, fully equipped project site offices, sanitary facilities, welfare rest sheds, and secured storage yards.
- **Plant & Equipment:** Civil machinery, mobile cranes, excavators, tipper trucks, concrete transit mixers, compaction rollers, and diesel generators subject to scheduled maintenance.
- **Monitoring & Measuring Equipment:** Total stations, optical levels, laser distance meters, slump cones, compression testing machines, and torque wrenches calibrated by ISO 17025 accredited laboratories.
- **Work Environment:** Adequate lighting, ventilation, shaded rest areas, chilled water stations, and welfare provisions conforming to national labor regulations.

10.2 Competence and 10.3 Training

The organization determines necessary competencies based on education, training, trade certification, and verified work experience. An Annual Training Matrix is maintained by the HR and QHSE departments, covering mandatory training programs:

- **Comprehensive HSE & Quality Induction:** Mandatory for all new direct employees, supplied manpower, and subcontractor personnel before entering any site.
- **Working at Height & Scaffold Safety:** Fall prevention, full-body harness inspection, 100% tie-off rules, and scaffold tag compliance.
- **Daily Toolbox Talks (TBT):** Daily pre-task safety briefings focusing on specific hazards, weather conditions, and quality standards.
- **Excavation & Trenching Safety:** Soil stability, trench shoring, access/egress ladders, underground utility detection, and atmospheric testing.
- **Lifting Operations & Rigging:** Crane setup, ground bearing checks, rigging capacity, sling angle calculations, and hand signals for certified riggers.
- **Heat Stress Management:** Symptoms, hydration protocols, buddy system, and emergency cooling response for desert environments.
- **Spill Prevention & Environmental Response:** Fuel handling, drip tray placement, containment berms, and rapid deployment of absorbent pads.
- **Defensive Driving & Haulage Safety:** Speed limits, defensive driving techniques, vehicle pre-trip checklists, and cargo tarping procedures for truck drivers.

10.4 Awareness and 10.5 Communication

The organization ensures that all personnel understand the Integrated Policy, the importance of complying with IMS procedures, their contribution to the system's effectiveness, and the consequences of deviating from specified requirements. Multilingual communications (English, Arabic, Hindi, Urdu) are utilized across notice boards, safety flyers, and briefings.

10.6 Consultation and Participation of Workers

In conformance with ISO 45001:2018 (Clause 5.4), the organization maintains formal mechanisms for worker consultation and participation:

- **Site HSE Committee:** Composed of management and worker representatives, meeting monthly to review safety performance, audit findings, and incident reports.
- **JSA & Hazard Review:** Workers are actively involved in reviewing JSAs and identifying task-specific hazards before commencing non-routine or hazardous tasks.
- **Stop Work Authority (SWA):** Every employee, craft worker, and supplied laborer possesses the unconditional authority and obligation to halt any work activity immediately if an uncontrolled hazard or unsafe condition arises. No disciplinary action is ever taken against a worker exercising SWA in good faith.
- **Worker Suggestion & Near-Miss Reporting:** Safety suggestion boxes and open reporting channels incentivize personnel to report near-misses, unsafe conditions, and process improvements.

10.7 Documented Information Architecture

The Integrated Management System utilizes a structured 4-Level Document Hierarchy to ensure operational clarity and auditability:

Hierarchy Level	Document Type	Scope and Operational Purpose
Level 1	Integrated Management System (IMS) Manual	Top-level governance manual defining organizational policies, scope, leadership commitments, and ISO 9001/14001/45001 system architecture.
Level 2	Standard Operating Procedures (SOPs)	System-level documented procedures establishing mandatory processes for risk management, document control, procurement, audit, and corrective action.
Level 3	Operational Plans, Method Statements & ITPs	Operational execution documents: Project Quality Plans (PQP), Site HSE Plans, Method Statements (MS), Inspection & Test Plans (ITP), Job Safety Analyses (JSA).
Level 4	Forms, Checklists, Logs & Objective Records	Execution records proving conformity: Material Inspection Requests (MIR), Work Inspection Requests (WIR), calibration certificates, audit reports, incident logs.

10.8 Document Control and 10.9 Record Control Procedures

The IMS Document Controller maintains the Master Document Register (MDR). Document control procedures ensure that:

- **Approval & Review:** All documents are reviewed and approved for technical and administrative adequacy prior to release.
- **Identification & Traceability:** Documents are uniquely identified with standard numbering, revision codes, issue dates, and page numbering.
- **Availability & Distribution:** Pertinent issues of applicable documents are accessible at all points of operational execution, including field offices.
- **Obsolete Document Control:** Obsolete documents are immediately withdrawn from points of use, archived electronically, and marked 'SUPERSEDED' to prevent unintended use.

- **Record Retention & Protection:** Records demonstrating conformity and operational effectiveness are legibly maintained, securely stored, indexed for rapid retrieval, and retained for a minimum of 5 years (or project contractual duration, whichever is greater).

11. Operational Planning and Control

Operational Governance: Sunrise Build Team Company (SBT) plans, implements, controls, and maintains the processes necessary to meet requirements for the provision of products and services, and to implement actions determined in Section 9. Operational controls are established for every business activity encompassed by the organization's certified scope of operations.

1. Tender and Contract Review Procedure

Prior to submitting any commercial proposal or committing to any client contract, the organization conducts a rigorous Tender and Contract Review process to ensure that all technical, commercial, statutory, and QHSE requirements are fully understood and achievable within the organization's available capabilities.

- **Commercial & Technical Evaluation:** The Tendering Department reviews tender documents, drawings, employer specifications, bills of quantities (BOQ), project milestones, penalty clauses, and contract conditions.
- **Statutory & Regulatory Review:** Reviewing local municipal zoning, labor law quotas, environmental permits, and civil defense requirements applicable to the project scope.
- **HSE & Environmental Review:** The QHSE Department reviews site-specific environmental constraints, high-risk safety requirements (e.g., deep excavation, heavy lifting, high-voltage lines), and mandatory client HSE specifications.
- **Resource Capability Assessment:** The Operations Director assesses availability of heavy plant, certified operators, experienced engineers, qualified subcontractors, and raw material supply chains.
- **Contract Finalization & Handover:** Any ambiguities, drawing discrepancies, or technical deviations are clarified through formal Requests for Clarification (RFC) before bid submission. Upon contract award, a formal Contract Handover Meeting is held between Tendering and Project Execution teams.
- **Contract Change Control:** Any subsequent changes, scope additions, or variations requested by the client are processed through a controlled Variation Order (VO) procedure, evaluating impacts on schedule, cost, quality, and site safety.

11.2 Engineering Coordination and Technical Submittals

Where projects are executed on a construct-only basis, the Engineering Department provides technical coordination, constructability reviews, and shop drawing production based on client-provided Issued-For-Construction (IFC) drawings and specifications. Where design support is required, it is managed through qualified engineering specialists under controlled protocols.

- **Input Review & Verification:** All client drawings, design calculations, geotechnical reports, and specifications are logged into the Drawing Register and reviewed for completeness, constructability, and clash detection.
- **Shop Drawing Preparation:** Preparing detailed civil, structural, architectural, and MEP coordination shop drawings, translating design concepts into practical site construction details.

- **Technical Submittal & Approval:** Shop drawings and technical submittals are checked by the Lead Discipline Engineer, reviewed by the QA/QC Manager, and submitted to the Client / Consultant for formal review and approval (Code A, B, C, or D).
- **RFI & Clarification Management:** When field conditions conflict with drawings, a formal Request for Information (RFI) is raised to the Client / Consultant. No deviations or field changes are permitted without written approval.
- **Drawing Revision Control:** Approved shop drawings are stamped 'APPROVED FOR CONSTRUCTION' and distributed to site teams. Superseded drawings are recalled, stamped 'SUPERSEDED', and removed from field workstations.
- **As-Built Documentation:** As construction progresses, site engineers redline markups to capture actual installed dimensions, generating audited As-Built Drawings for final project handover.

11.3 Procurement and Sourcing Control

The Procurement Department ensures that all purchased materials, consumables, tools, and rented equipment conform strictly to contractual specifications, engineering standards, and IMS requirements.

- **Supplier Prequalification:** Suppliers and vendors are evaluated based on track record, financial stability, quality consistency, ISO certifications, and HSE compliance before being listed on the Approved Vendor List (AVL).
- **Purchase Order Specification:** Purchase Orders (POs) incorporate complete technical specifications, ASTM/BS standards, required quantities, delivery schedules, and mandatory quality documentation (Mill Test Certificates, Inspection Reports, MSDS).
- **Incoming Material Receiving Inspection:** Upon delivery to central stores or project sites, materials undergo receiving inspection by the Storekeeper and Site QA/QC Inspector against the PO, delivery note, and Mill Test Certificate.
- **Control of Nonconforming Purchases:** Any damaged, defective, or uncertified materials are rejected immediately, tagged with a red 'REJECTED' tag, physically segregated in a quarantined area, and returned to the vendor under a Supplier NCR.
- **Vendor Performance Rating:** Suppliers are formally evaluated semi-annually based on on-time delivery, product quality, documentation accuracy, and safety adherence. Consistently poor performers are removed from the AVL.

11.4 Construction of Residential Buildings

The construction of residential buildings (including private villas, residential compounds, multi-story apartments, and housing developments) is executed under strict Project Quality Plans (PQP) and Site HSE Plans, structured across key phases:

- **Site Mobilization & Layout:** Erection of secure site hoarding, access gates, site offices, welfare facilities, shaded rest areas, temporary water/power setups, and security controls.
- **Earthworks & Substructure:** Site clearance, setting out with calibrated total stations, bulk excavation, trenching, soil compaction, and anti-termite chemical treatment with approved environmental barriers.
- **Foundations & Plinth Beams:** Installation of polythene moisture barriers, blinding concrete, foundation formwork, rebar placement with certified spacers, and concrete casting with approved transit mixers. Slump testing and cube sampling per 50 m^3.

- **Superstructure Frame:** Erection of reinforced concrete columns, shear walls, beams, and slabs. Formwork inspection for structural stability, rebar placement verification against ITP, and controlled concrete pouring, vibrating, and continuous wet curing.
- **Masonry & Enclosure:** Concrete masonry blockwork, lintel beams, damp-proof courses, thermal insulation, internal cement sand plastering, and external weather-resistant plastering.
- **Waterproofing Systems:** Application of multi-layer elastomeric or bituminous waterproofing membranes to wet areas, basements, and roof terraces, followed by mandatory 48-hour water flood testing under QA/QC sign-off.
- **Architectural Finishes:** Floor screeds, porcelain/ceramic tiling, gypsum board ceilings, doors, windows, and painting works executed against approved material samples and mock-ups.
- **MEP Interface & Services:** Coordination of embedded electrical conduits, plumbing pipes, drainage stacks, HVAC ducting, and water supply lines, ensuring pressure testing and insulation integrity before wall closure.
- **Testing, Snagging & Handover:** Pre-handover snagging inspections, joint inspections with client consultants, testing of plumbing fixtures and electrical circuits, final deep cleaning, and formal client handover.

11.5 Construction of Industrial Facilities

The construction of industrial facilities (including warehouses, processing sheds, workshops, utility buildings, and industrial civil structures) involves heavy engineering interfaces, strict industrial safety protocols, and stringent quality verifications:

- **Industrial Mobilization:** Industrial site fencing, traffic management routing for heavy haulage, security access control, and hazardous area classification mapping.
- **Heavy Civil Foundations:** Deep foundation excavation, dynamic soil compaction, pile cap construction, heavy equipment foundation pads, anchor bolt placement with precision survey templates, and mass concrete casting.
- **Structural Steelwork:** Erection of structural steel portals, trusses, and crane girders. Erection is governed by engineered Lift Plans, calibrated torque wrench bolt tightening, and ultrasonic or magnetic particle non-destructive testing (NDT) of welds.
- **Industrial Envelope & Cladding:** Installation of insulated roof sandwich panels, wall cladding, industrial louvers, rainwater gutters, and safety lifelines for work at height.
- **Industrial Flooring:** Casting of heavy-duty reinforced concrete floor slabs incorporating steel fibers, dry-shake surface hardeners, precision laser-screeding, and expansion joint sealing designed for heavy forklift loads.
- **Utility & Equipment Interfaces:** Coordinating structural penetrations, equipment setting, cable trenches, pipe racks, drainage interceptors, and grounding grids.
- **Industrial HSE Controls:** Enforcing strict Permit to Work (PTW) protocols, hot work fire watches, certified crane lift plans, fall arrest systems, and industrial housekeeping.
- **Inspection & Industrial Handover:** Pre-commissioning verifications, overhead crane load testing, drainage slope testing, as-built documentation, and industrial facility handover.

11.6 Maintenance Activities (Residential and Industrial Sectors)

Maintenance services cover scheduled preventative maintenance, minor civil refurbishments, MEP servicing, and corrective repairs across residential compounds, commercial facilities, and industrial plants:

- **Work Order Receipt & Scoping:** Receipt of formal client maintenance work requests, logging into the Work Order Register, and scoping site visits.
- **Planning & Risk Assessment:** Developing maintenance job methods, identifying required spare parts and consumables, allocating qualified technicians, and preparing Job Safety Analyses (JSA).
- **Work Permitting & Safety Clearance:** Obtaining client site access permits, general work permits, hot work permits, or Lockout/Tagout (LOTO) clearances for electrical/mechanical maintenance.
- **Execution & Quality Control:** Executing maintenance tasks (e.g., HVAC filter replacement, pump servicing, structural crack repair, waterproofing remediation, electrical panel servicing) using calibrated tools and certified PPE.
- **Testing & Housekeeping:** Verifying operational performance, functional testing of repaired systems, site cleanup, and proper disposal of replaced parts and hazardous grease/lubricants.
- **Client Acceptance & Closeout:** Conducting joint client inspection, obtaining client sign-off on the Maintenance Work Order, and updating maintenance history records.

11.7 Recruitment and Supply of Manpower

Recruitment and manpower supply operations are managed under a strict, multi-stage framework for quality assurance, ethical employment, and occupational health screening. This ensures that only competent, certified, medically fit, and well-inducted personnel are deployed to client projects.

Phase	Operational Process Stage	Governance & Quality/HSE Verification	Required Documented Record
1	Manpower Demand Review	Review client demand forecast, trade categories, skill levels, certifications, project duration, and safety standards.	Client Manpower Requisition Form
2	Job Description Specification	Define clear trade specifications, minimum education requirements, required technical certifications, language proficiency, and experience requirements.	Approved Job Description (JD)
3	Sourcing & Initial Screening	Screen candidate CVs through registered recruitment networks, overseas agencies, and direct candidate databases.	Screening Longlist / CV Files
4	Credential & License Verification	Verify authenticity of educational diplomas, government trade licenses, equipment operator licenses, and past employment references.	Verified Credential Dossier
5	Trade Testing & Assessment	Conduct practical hands-on trade tests for welders, electricians, plumbers, carpenters, masons, and operators at certified testing centers.	Practical Trade Test Score Sheet
6	Medical Fitness Examination	Comprehensive medical screening, including chest X-rays, blood tests, vision/hearing tests, and chronic disease screening, provided by accredited clinics.	Pre-Employment Medical Fitness Report
7	Statutory Compliance & Contracting	Execution of legal employment contracts in accordance with national labor law; visa processing, work permits, and mandatory health insurance.	Signed Contract & Iqama / Labor Card

Phase	Operational Process Stage	Governance & Quality/HSE Verification	Required Documented Record
8	Company QHSE Induction	Comprehensive corporate induction covering company policies, basic safety rules, emergency response procedures, workers' rights, and Stop Work Authority.	Induction Attendance & Quiz Record
9	Worker Welfare & Accommodation	Providing clean, air-conditioned accommodation, sanitary dining facilities, recreational spaces, access to a medical clinic, and scheduled transport.	Labor Camp Welfare Inspection Audit
10	Site Deployment & Integration	Mobilizing workers to client site; providing site-specific PPE, specialized client safety inductions, and site gate passes.	Client Gate Pass & Deployment Register
11	Performance & Welfare Monitoring	Ongoing monitoring of worker productivity, attendance, welfare, timely salary payment (Wage Protection System), and client satisfaction.	Monthly Performance & Welfare Log
12	Replacement & Emergency Protocol	Immediate replacement within 24-48 hours if a worker is deemed technically noncompliant, injured, or medically unfit.	Manpower Replacement Notice
13	Demobilization & Repatriation	Final settlement of benefits, exit medical evaluation, airfare provision, and repatriation upon contract completion.	End-of-Service Settlement & Exit Clearance

11.8 Supply of Dune Sand

Dune sand is sourced, loaded, transported, and delivered under strict quality controls for use in backfilling, pipe bedding, and specialized civil works:

- **Specification Review:** Establishing client requirements regarding particle size distribution, silt/clay content, organic purity, and delivery volumes.
- **Source Qualification:** Extracting solely from government-approved desert borrow pits and licensed sand reserves. Periodic chemical testing for chloride and sulfate concentrations.
- **Loading Operations:** Controlled mechanical loading into high-side tipper trucks; avoidance of contamination from topsoil or surface vegetation.
- **Transport & Environmental Controls:** Mandatory heavy-duty canvas tarping securely fastened over truck beds to eliminate airborne dust during highway haulage. Fleet adherence to speed limits.
- **Delivery & Weighbridge Documentation:** Automated weighbridge gross-tare weighing, generating certified Delivery Tickets indicating project name, date, truck number, and net weight.
- **Receiving Inspection & Acceptance:** Visual inspection for debris/moisture upon site arrival; random grab sampling for laboratory verification where contractually specified.

11.9 Supply of Sub-Base Material

Sub-base material (granular soil-aggregate mixture used for road base layers and structural building pads) is supplied under rigorous geotechnical testing controls:

- **Specification & Grading Standards:** Material must conform strictly to client specifications (e.g., Class A, B, or C Sub-base) and standards (AASHTO / ASTM / Municipal specs).
- **Laboratory Geotechnical Testing:** Sourcing from qualified quarries; conducting certified laboratory tests for Sieve Analysis (ASTM C136), Atterberg Limits / Plasticity Index (ASTM D4318), and Modified Proctor Density (ASTM D1557).

- **Blending & Loading Controls:** Ensuring uniform blending to prevent particle segregation; maintaining optimum moisture content during loading to facilitate site compaction.
- **Haulage & Delivery Verification:** Transport in heavy tippers with secure covers; weighbridge ticketing; on-site visual inspection for oversize boulders or plastic clay contamination.
- **Quality Assurance & Records:** Delivery of laboratory test certificates alongside Delivery Notes; immediate quarantine and rejection of loads with excessive fines or oversize rocks.

11.10 Supply of Base-Course Material

Base-course material (crushed stone aggregate mixture providing high-load structural support under asphalt or concrete paving) is subject to maximum geotechnical quality governance:

- **Engineering Specifications:** Conformance with strict grading envelopes (e.g., 100% crushed rock, California Bearing Ratio (CBR >= 80% or 100%, Los Angeles Abrasion loss < 35%).
- **Quarry Source Auditing:** Quarry source auditing; verification of mechanical crushers, secondary impactors, and vibrating screens, ensuring sharp, angular particles with zero organic or soft clay content.
- **Routine Quality Testing:** Routine testing by independent third-party laboratories for Flakiness and Elongation Index, Sand Equivalent, and Soundness (ASTM C88).
- **Delivery & Documentation:** Tarped transportation, weighbridge recording, delivery inspection, and supply of batch-specific laboratory test dossiers.

11.11 Supply of Aggregate

Crushed stone aggregates (coarse and fine aggregates in standard commercial fractions: 3/8", 1/2", 3/4", 1", and 1-1/2") for concrete, asphalt, and drainage are supplied with complete batch traceability:

- **Gradation & Size Fractions:** Sourcing from approved hard rock quarries (limestone, basalt, or granite); verifying single-size and graded fractions against ASTM C33 standards.
- **Physical & Chemical Testing:** Testing for specific gravity, water absorption (< 2.0%), aggregate crushing value, clay lumps, and friable particles.
- **Stockpiling & Contamination Prevention:** Clean storage on concrete pads to prevent ground soil contamination; washing where required to remove crusher dust.
- **Transport & Quality Records:** Dust suppression during loading; tarped truck transport; weighbridge tickets and Mill Test Certificates accompanying each shipment.

11.12 Supply of Plaster Sand

Plaster sand (fine aggregate for internal/external cement plastering, rendering, and architectural masonry mortar) is controlled to prevent plaster shrinkage, cracking, or surface efflorescence:

- **Fineness & Sieve Specification:** Strict adherence to ASTM C144 / C897 standards; Fineness Modulus maintained between 2.0 and 2.8; zero oversize pebbles (> 2.36 mm).
- **Washing & Screening Verification:** Material is sourced from specialized sand-washing facilities; washed with potable or low-salinity water to remove clay, silt, and soluble salts.
- **Chemical Purity Testing:** Testing for organic impurities (ASTM C40), water-soluble chloride (< 0.03%), and sulfate content (< 0.15%) to prevent rebar corrosion and paint blistering.
- **Logistics & Delivery Control:** Covered transport, dry storage on impervious sheets, delivery notes detailing washing batch and laboratory test certification.

11.13 Supply of Normal Sand

Normal sand (general concrete sand, masonry sand, bedding sand, and general utility sand) is processed and supplied with complete operational consistency:

- **Gradation & Grading Curves:** Grading conformity with ASTM C33 (concrete sand) or ASTM C144 (masonry sand); monitoring of moisture content to ensure consistent batching.
- **Source Screening & Processing:** Verification of extraction sources; screening through vibrating wire meshes to remove roots, gravel, and organic debris.
- **Haulage & Weighbridge Tracking:** Safe mechanical loading; heavy tarping; transport fleet inspection; weighbridge ticketing; client site delivery inspection.
- **Nonconformity Control & Replacement:** Prompt investigation and replacement of any delivered sand batches exhibiting contamination, excess silt, or out-of-spec moisture.

12. Quality Management System Implementation

Sunrise Build Team Company (SBT) implements a rigorous Quality Management System in accordance with ISO 9001:2015 to guarantee that all residential construction, industrial building works, maintenance activities, and bulk construction material supplies consistently comply with client specifications, architectural drawings, and international engineering standards.

1. Project Quality Planning and Documentation

Prior to commencing physical work on any project or supply contract, the QA/QC Manager issues a Project Quality Plan (PQP). The PQP defines the quality organization, project-specific quality objectives, applicable codes (ASTM, BS, ACI, SASO), and submittal schedules for Method Statements and Inspection & Test Plans (ITPs).

- **Method Statements (MS):** Step-by-step technical narratives detailing work sequence, required plant, safety precautions, quality checkpoints, and environmental protections for each trade.
- **Inspection and Test Plans (ITP):** Detailed matrices defining every inspection stage from receiving to final handover, specifying inspection frequency, acceptance criteria, governing code, verification records, and intervention points: Hold (H), Witness (W), Surveillance (S), and Review (R).

12.2 Material Receiving and Field Quality Inspection

Quality control on site is enforced through formal written inspection requests, preventing any undocumented work progression:

- **Material Inspection Request (MIR):** Raised upon material arrival at site or depot. Accompanied by Mill Test Certificates, batch test reports, and delivery notes. Inspected jointly with client consultants before material release for installation.
- **Work Inspection Request (WIR / RFI):** Raised by site engineers to invite client consultant QA/QC inspection of completed work stages (e.g., rebar before concrete pour, waterproofing before backfill, pipe pressure test before trench closure). Work cannot proceed past a 'Hold' point without signed WIR approval.

12.3 Independent Testing and Equipment Calibration

The organization engages independent, ISO/IEC 17025 accredited third-party testing laboratories to conduct mandatory quality tests:

- **Concrete Testing:** Slump testing, air content, compressive strength cube/cylinder crushing tests at 7 and 28 days.
- **Soil, Sub-Base & Base-Course:** Sieve analysis, Plasticity Index (PI), Maximum Dry Density (MDD), California Bearing Ratio (CBR), and Field Density Tests (FDT) using nuclear density gauges or sand cone methods.
- **Sand and Aggregates:** Gradation, specific gravity, water absorption, flakiness index, and organic impurities tests.
- **Equipment Calibration:** All surveying equipment (total stations, levels), pressure gauges, torque wrenches, and laboratory scales are maintained on a controlled Calibration Register, calibrated annually by accredited calibration laboratories.

12.4 Identification, Traceability, and Preservation

All materials, components, and bulk stockpiles are clearly identified by batch numbers, heat numbers, or quarry delivery tickets. Traceability is maintained from delivery through final installation. Materials subject to deterioration (cement, adhesives, sealants) are stored off the ground on pallets, protected from sunlight and moisture, and managed under strict First-In, First-Out (FIFO) rules.

12.5 Control of Nonconforming Outputs and Corrective Action

Any product, construction work, or delivered material that fails to conform to specified requirements is immediately identified and controlled to prevent unintended use:

- **Nonconformity Report (NCR) Issuance:** Issued by the QA/QC Inspector upon detecting defective work, off-spec material, or procedural deviations.
- **Immediate Quarantine:** Physical tagging with red 'NONCONFORMING' tags and barricading of the affected area or segregation of materials.
- **Disposition Determination:** Disposition is proposed by the Project Engineer and approved by the QA/QC Manager and Client Consultant: (a) Rework to meet specification, (b) Accept under concession (if structurally acceptable and approved in writing by the client), (c) Reject and replace.
- **Root Cause Analysis:** Multi-disciplinary team executes 5-Why analysis to identify underlying root cause and implement corrective actions preventing recurrence.
- **Verification and Closeout:** QA/QC Inspector re-inspects completed rework and closes the NCR only after verifying full compliance.

12.6 Customer Satisfaction and Project Handover

Customer satisfaction is proactively monitored through milestone feedback meetings, formal Client Satisfaction Surveys at project completion, and prompt logging and resolution of any customer complaints. Upon project completion, joint snagging inspections are performed, snag items are resolved within agreed timeframes, As-Built Drawings and Operation & Maintenance (O&M) manuals are submitted, and formal Taking-Over Certificates are obtained.

13. Environmental Management System Implementation

Sunrise Build Team Company (SBT) operates an Environmental Management System conforming to ISO 14001:2015. The organization is committed to preserving natural ecosystems, preventing environmental pollution, minimizing construction waste, and ensuring full compliance with national environmental laws and municipal standards.

13.1 Environmental Aspects across Core Operations

Environmental aspects and associated impacts have been evaluated across all business operations. Dedicated operational controls are implemented for every aspect:

Operational Domain	Environmental Aspect	Potential Environmental Impact	Mandatory Operational Controls
Bulk Material Logistics (Dune Sand, Aggregates)	Fugitive dust generation during loading, unloading, and transit.	Air quality degradation, respiratory nuisance to the public.	Mandatory heavy tarpaulins securely lashed over dump truck beds; haul road speed limits (20 km/h); water bowser spraying.
Earthworks & Site Grading	Topsoil disturbance, airborne particulate matter, wind erosion.	Dust pollution, soil erosion, neighboring community complaints.	Daily water spraying of excavation areas; silt fences along perimeter boundaries; windbreak hoardings.
Plant & Equipment Maintenance	Generation of used engine oil, oil filters, hydraulic hoses, coolant.	Soil contamination, toxic chemical runoff, landfill hazard.	Designated concrete wash bays; sealed metal drums in bunded hazardous waste sheds; disposal via licensed environmental recyclers.
Heavy Machinery Operations	Combustion emissions (CO2, NOx, particulate) and diesel fuel consumption.	Atmospheric pollution, greenhouse gas emissions.	Mandatory preventive maintenance; engine tuning; anti-idling policy (engines switched off when waiting > 5 minutes).
Concrete Activities & Masonry	Alkaline concrete washout water; solid concrete waste and timber scrap.	Soil alkalization, surface water contamination, landfill load.	Designated lined concrete washout pits; dried concrete crushed for road sub-base fill; timber reuse.
Chemical & Fuel Storage	Accidental diesel, lubricant, or formwork release agent spills.	Groundwater and soil chemical contamination.	110% capacity secondary containment bunds; drip trays under fuel nozzles; stocked spill kits (pads, booms, granular absorbent).
Residential & Industrial Sites	Solid waste generation (packaging, plastics, metal offcuts, domestic waste).	Site littering, vermin infestation, excessive landfill dumping.	Color-coded waste segregation skips (Wood, Metal, Plastic, General); recycling contracts; daily site housekeeping sweeps.
Offices, Camps & Facilities	Electricity and potable water consumption; sewage effluent.	Depletion of natural resources; municipal system overload.	Energy-efficient LED lighting; water-saving aerators; licensed sewage vacuum tankers for camp septic holding tanks.

13.2 Waste Management Hierarchy and Hazardous Materials

The organization adheres strictly to the internationally recognized Waste Management Hierarchy: Reduce, Reuse, Recycle, and Dispose as a last resort. Hazardous materials (paints, solvents, formwork chemicals, adhesives) are controlled under Control of Substances Hazardous to Health (COSHH) procedures. Safety Data Sheets (SDS) are displayed in English and Arabic at storage points, and appropriate PPE is enforced.

13.3 Environmental Emergency and Spill Response Procedure

In the event of an accidental fuel, chemical, or oil spill on site or during transport, the following 5-Step Spill Response Protocol is immediately initiated:

1. Stop Source: Immediately turn off equipment, close valves, or right tipped containers to arrest the source if safe to do so.
2. Contain Spill: Deploy absorbent booms, sand barriers, or earth berms around the perimeter to prevent the spill from migrating into storm drains or unpaved soil.
3. Absorb & Neutralize: Deploy universal absorbent pads, granular absorbent, or dry sand from the nearest Spill Kit onto the pooled liquid.
4. Collect & Clean: Shovel contaminated absorbent and affected soil into heavy-duty hazardous-waste bags; label with hazardous-waste tags.
5. Report & Dispose: Log the spill in the Environmental Incident Register, investigate root cause, report to management/client, and hand over contaminated material to a licensed hazardous waste contractor.

14. Occupational Health & Safety Management System Implementation

Sunrise Build Team Company (SBT) is committed to achieving an incident-free, zero-harm working environment across all construction sites, workshops, transport corridors, and manpower deployments. The OH&S Management System is designed in strict conformance with ISO 45001:2018, emphasizing hazard elimination, risk reduction, and proactive worker participation.

1. Comprehensive Hazard Control Framework

The organization has conducted comprehensive Hazard Identification and Risk Assessments (HIRA) for all operational activities. The following master hazard control matrix establishes mandatory controls across all operational domains:

Operational Hazard	Potential Consequence	Mandatory Control Measures	Responsible Role	Monitoring & Inspection	Required Records
1. Excavation & Trenching	Trench collapse, engulfment, underground utility strike, falls.	Permit to Work (PTW); underground cable scanning (CAT scanner); benching/sloping (1:1) or certified trench shoring for depths > 1.2m; spoil heaps kept > 1.0m from edge; access ladders every 7.5m.	Site Engineer / HSE Officer	Daily pre-shift excavation inspection	Excavation Permit & Daily Inspection Checklist
2. Lifting Operations & Cranes	Crane tip-over, dropped loads, rigging failure, boom collapse.	Certified crane and rigging gear (third-party certified); certified crane operator and rigger; engineered Lift Plan for lifts > 10 tons or tandem lifts; outriggers fully extended on load mats; 100% exclusion zone.	Rigging Supervisor / HSE Officer	Pre-lift inspection & daily crane check	Lifting Permit, Lift Plan, Rigging Certs

Operational Hazard	Potential Consequence	Mandatory Control Measures	Responsible Role	Monitoring & Inspection	Required Records
3. Forklifts & Mobile Plant	Struck-by incidents, rollovers, equipment collision, crushing.	Third-party operator certification; functional reversing alarms and flashing beacons; seatbelts mandatory; daily 360° pre-trip inspection; 10 km/h site speed limit; clear pedestrian segregation walkways.	Equipment In-Charge / HSE Officer	Daily mobile plant inspection checklist	Operator License, Plant Inspection Sheet
4. Vehicle Movement & Haulage	Highway collisions, driver fatigue, rollovers, runaway tippers.	Licensed, experienced drivers; GPS speed tracking; strict maximum driving hour limits (8 hrs/shift); vehicle wheel chocks on slopes; mandatory heavy canvas tarping over all bulk material loads.	Logistics Manager / HSE Officer	Pre-trip vehicle safety checklist	Driver Logbook, Vehicle Maintenance Record
5. Work at Height & Scaffolding	Falls from height, falling objects, structural scaffold collapse.	Scaffold erection only by certified scaffolders; full guardrails (top rail 1m, mid rail 0.5m, toe-board 15cm); Green/Red Scaff-tag system; full-body harness with double lanyards 100% tied off to certified anchor points.	Scaffold Inspector / HSE Officer	Weekly scaffold audit & post-weather check	Scaffold Inspection Tag, Working at Height Permit
6. Electrical Systems & Power	Electrocution, arc flash, electrical fires, cable damage.	Temporary electrical distribution boards (DBs) equipped with 30 mA ELCB/GFCI; armored industrial cables suspended from insulated hooks; PAT testing of all power tools; Lockout/Tagout (LOTO) for maintenance.	Licensed Electrician / HSE Officer	Monthly electrical distribution audit	Electrical Test Certificate, LOTO Log
7. Hot Work & Fire Hazards	Burns, structural fires, gas cylinder explosion, toxic fumes.	Hot Work Permit; 30-minute post-work fire watch; dry chemical fire extinguishers within 5m; fire blankets; flashback arrestors on gas cutting torches; cylinders stored upright and chained.	Hot Work Supervisor / Fire Watch	Continuous fire watch during & after work	Hot Work Permit & Fire Watch Log

Operational Hazard	Potential Consequence	Mandatory Control Measures	Responsible Role	Monitoring & Inspection	Required Records
8. Manual Handling & Ergonomics	Musculoskeletal disorders, back strain, hand crushing.	Maximum manual lifting limit of 20 kg per worker; mechanical lifting aids (trolleys, hoists) for heavier loads; team lifting; ergonomic training on proper lifting technique (bend knees, straight back).	Foreman / HSE Officer	Daily task ergonomic observation	TBT Attendance on Manual Handling
9. Heat Stress & Sun Exposure	Heat exhaustion, heat stroke, dehydration, fainting.	Strict adherence to national midday summer work bans; shaded rest shelters; continuous supply of chilled, electrolyte-fortified water; buddy-system monitoring; wet cooling towels and emergency rest stations.	Camp Doctor / HSE Officer	Hourly thermal index (WBGT) monitoring	Heat Stress Monitoring Log
10. Worker Fatigue & Long Shifts	Impaired alertness, slow reaction time, accidents.	Strict compliance with a maximum 48-hour workweek; overtime capped at statutory limits; mandatory rest days; air-conditioned transport and sound-insulated labor accommodation camps.	HR Manager / Project Manager	Monthly timesheet & shift audits	Timecard & Overtime Authorization Log
11. Dust & Silica Exposure	Silicosis, respiratory damage, eye irritation.	Wet cutting methods for masonry blocks and concrete; dust extraction hoods on grinders; mandatory N95 / FFP2 respirators; water bowsers spraying haul roads and sand loading areas.	Site Supervisor / HSE Officer	Daily dust suppression audit	Dust Control Audit & PPE Issue Log
12. Noise and Vibration	Noise-induced hearing loss, vibration white finger.	Hearing protection zones (>85 dBA) marked with mandatory earplug/earmuff signage; anti-vibration gloves and cushioned handles on breakers; job rotation every 2 hours when using vibrating tools.	Site Supervisor / HSE Officer	Acoustic decibel spot checks	Noise Survey Log & PPE Register

Operational Hazard	Potential Consequence	Mandatory Control Measures	Responsible Role	Monitoring & Inspection	Required Records
13. Hazardous Chemicals (COSHH)	Chemical burns, eye injury, toxic inhalation.	Safety Data Sheets (SDS) displayed in English and Arabic; chemical splash goggles and nitrile gloves; eyewash stations within 15m; secondary containment bunds for all chemical drums.	Storekeeper / HSE Officer	Weekly chemical store inspection	Chemical Inventory & SDS Master Dossier
14. Confined Space Entry	Asphyxiation, toxic gas exposure, entrapment.	Confined Space Permit; calibrated multi-gas testing (O2, H2S, CO, LEL) prior to and during entry; dedicated standby watchman; rescue tripod, winch, and full harness; mechanical ventilation blower.	Trained Standby Watchman / HSE	Continuous atmospheric gas testing	Confined Space Permit & Gas Test Log
15. Housekeeping, Slips & Trips	Punctures from nails, trips over debris, falls.	Daily 5S housekeeping; protruding nails hammered down or bent; designated pedestrian walkways clear of materials; scrap timber and rebar removed daily to designated skips.	Site Foreman / HSE Officer	Daily end-of-shift housekeeping audit	Housekeeping Inspection Checklist
16. Loading & Unloading	Falling materials, crushing, equipment overturn.	Exclusion zones established around trucks during loading; wheel chocks deployed; level loading ground; certified slings used; drivers remain outside the truck cab in a designated safe zone.	Logistics In-Charge / Supervisor	Per-loading operation supervision	Material Dispatch & Loading Checklist
17. Bulk Material Haulage	Highway rollover, cargo spillage, road accidents.	Tarping verification before gate departure; weighbridge axle load compliance; certified braking systems; vehicle tracking via telematics; zero tolerance for mobile phone use while driving.	Transport Manager / Gate Security	Gate departure safety inspection	Weighbridge Ticket & Vehicle Gate Pass
18. Sand/Aggregate Handling	Stockpile collapse, engulfment, dust clouds.	Stockpile slope angle maintained below the angle of repose; loading only from the bottom edge; wheel loaders maintain clear sightlines; water misting during high-wind conditions.	Quarry / Yard Supervisor	Daily stockpile stability review	Yard Safety Inspection Checklist

2. Personal Protective Equipment (PPE) Governance

PPE is treated as the final line of defense under the hierarchy of controls. The organization provides certified PPE (conforming to ANSI/EN standards) free of charge to all direct employees and supplied manpower. Basic mandatory site PPE includes: Type I Class E Safety Helmet, Steel-Toe Safety Boots, and High-Visibility Reflective Vest. Task-specific PPE (fall-arrest harnesses, welding shields, chemical goggles, respirators, ear defenders) is strictly enforced based on Job Safety Analyses.

3. Permit to Work (PTW) System

A formal, serialized Permit to Work system governs all non-routine or high-risk operational activities: (1) Hot Work, (2) Working at Height (> 2m), (3) Confined Space Entry, (4) Deep Excavation (> 1.2m), (5) Critical Lifts (> 10 tons or tandem), and (6) Electrical High-Voltage Isolation (LOTO). Permits are issued for a maximum of one shift, verified by the Site HSE Officer, and canceled immediately upon any emergency or shift conclusion.

15. Emergency Preparedness and Response

In conformance with ISO 14001:2015 (Clause 8.2) and ISO 45001:2018 (Clause 8.2), Sunrise Build Team Company (SBT) has established an Integrated Emergency Response Plan (ERP) to identify potential emergency scenarios, prevent and mitigate associated health, safety, and environmental impacts, and respond rapidly and effectively.

1. Emergency Organization and Chain of Command

Every project site, workshop, camp, and logistics yard maintains a trained Emergency Response Team (ERT) led by the Site Project Manager (Incident Commander), supported by the Site HSE Officer (Safety Coordinator), certified First Aiders, and trained Fire Wardens.

2. Identified Emergency Scenarios and Response Procedures

Dedicated emergency response protocols are maintained for the following critical scenarios:

- **Site Fire or Explosion:** Sound alarm; immediately isolate electrical power; evacuate personnel to designated Assembly Point; Fire Wardens sweep area; First Aiders retrieve first aid kits; contact Civil Defense (998) if fire exceeds incipient stage.
- **Severe Injury or Medical Trauma:** Secure scene; call certified site First Aider; provide emergency stabilization; contact National Emergency Medical Services (997); dispatch project standby ambulance vehicle to hospital.
- **Crane or Structural Collapse:** Shut down crane; barricade collapse area; check for trapped personnel; initiate emergency technical rescue; notify Ministry of Human Resources / Labor Office and client management.
- **Trench Cave-In or Engulfment:** Do NOT enter trench with heavy machinery; stabilize surrounding soil; deploy shoring or rescue ladders; contact Civil Defense search & rescue teams immediately.
- **Major Chemical or Hydrocarbon Spill:** Deploy universal spill kit; contain runoff from water drains; shovel contaminated soil into drums; notify Ministry of Environment / municipal authorities for major spills (> 50 Liters).
- **Severe Weather (Sandstorm / Flash Flood):** Halt all work at height, crane operations, and bulk material transport; secure loose building materials and scaffolding; direct workforce to fortified indoor shelters.

15.3 Emergency Equipment, Contacts, and Drills

All sites are equipped with inspected fire extinguishers (ABC dry powder and CO2), emergency eyewash stations, stocked first aid boxes, rescue stretchers, and emergency sirens. Emergency contact posters displaying local Civil Defense (998), Ambulance (997), Police (999), local hospital, and project leadership numbers are prominently displayed in multiple languages. Emergency evacuation and spill drills are conducted semi-annually on every site, followed by formal drill evaluation reports and IMS updates.

16. Supplier and Subcontractor Management

Sunrise Build Team Company (SBT) recognizes that external providers, suppliers, and trade subcontractors directly influence project quality, environmental compliance, and site safety. The organization enforces rigorous supplier prequalification, continuous performance evaluations, and contractual flow-down requirements across all procurement and subcontracting activities.

1. Prequalification and Approved Vendor List (AVL)

Prior to issuing purchase orders or subcontract agreements, vendors must undergo formal prequalification evaluated by the Procurement Manager and QHSE Manager against strict criteria:

- **Commercial & Financial Stability:** Valid commercial registration, chamber of commerce membership, tax compliance, and audited financial statements.
- **Technical Capability & Track Record:** Past performance references on comparable residential, industrial, or bulk material supply projects.
- **Quality Management Maturity:** ISO 9001 certification or verified internal quality control systems, mill test capabilities, and calibration records.
- **HSE Compliance Record:** ISO 14001 / ISO 45001 certifications or written HSE policies, historical safety records (LTIFR / TRIR), and worker welfare standards.
- **Approved Vendor List (AVL):** Successful vendors are formally placed on the Approved Vendor List (AVL), categorized by trade (e.g., Structural Steel, Concrete Ready-Mix, Sand Quarries, Scaffolding, MEP).

16.2 Subcontractor Field HSE and Quality Control

All subcontractors operating on company project sites are subject to strict operational governance:

- **Method Statement & JSA Submission:** Subcontractors must submit trade-specific Method Statements and Job Safety Analyses (JSAs) for QA/QC and HSE review prior to site mobilization.
- **Mandatory Site Induction:** 100% of subcontractor supervisors and workers must complete the company site HSE induction before receiving site security gate passes.
- **Tool & Plant Certification:** Subcontractors must provide certified operators, valid third-party inspection stickers on heavy plant, and certified PPE.
- **Field Audits & Inspections:** Subcontractors are audited bi-weekly by the Site HSE Officer and QA/QC Inspector. Deficiencies result in immediate Corrective Action Requests (CARs).

16.3 Performance Evaluation and Re-Qualification

Suppliers and subcontractors are formally evaluated upon project completion or semi-annually, using a 100-point rating scale covering Quality (35 points), Delivery Schedule (25 points), HSE Adherence (25 points), and Commercial Competitiveness (15 points). Vendors scoring >= 80 points maintain Approved status; 65-79 points

receive a conditional warning letter; < 65 points are immediately de-listed from the AVL and barred from future tendering.

17. Legal and Regulatory Compliance Governance

Sunrise Build Team Company (SBT) maintains a systematic procedure for identifying, accessing, evaluating, and complying with all statutory, regulatory, municipal, and contractual obligations applicable to its operations across residential construction, industrial works, maintenance, manpower recruitment, and bulk material logistics.

1. Identification and Tracking of Legal Requirements

The IMS/QHSE Manager is designated as the custodian of legal compliance and maintains the controlled Corporate Legal & Compliance Register. The register is reviewed quarterly to identify newly enacted legislation, ministerial decrees, environmental bylaws, and client safety updates.

2. Scope of Applicable Legislation

The Legal & Compliance Register encompasses the following primary regulatory domains:

- **Labor & Worker Welfare:** National Labor Law, Wage Protection System (WPS), statutory working hour limits, midday heat bans, worker welfare accommodations, and occupational health screening.
- **Environmental Conservation:** National Environmental Protection Laws, General Environmental Regulations, ambient air quality, hazardous waste handling, and noise pollution standards.
- **Life Safety & Fire Protection:** Civil Defense Fire Safety Codes, National Building Code, structural safety mandates, and emergency evacuation provisions.
- **Transport & Haulage Regulations:** Highway Authority axle-weight limits, commercial driver licensing, mandatory cargo tarping, and heavy vehicle tracking.
- **Mining & Material Extraction:** Municipal mining laws, quarry extraction permits, borrow pit environmental rehabilitation, and aggregate grading regulations.

17.3 Periodic Evaluation of Compliance

In accordance with ISO 9001:2015, ISO 14001:2015 (Clause 9.1.2), and ISO 45001:2018 (Clause 9.1.2), the organization executes a formal Annual Legal Compliance Audit. Every legal requirement in the register is evaluated against objective site evidence (e.g., labor audit reports, waste manifests, weighbridge tickets, environmental inspection permits). Any instance of non-compliance is immediately elevated to executive management under a priority Corrective Action Request (CAR).

18. Performance Evaluation and Monitoring

Sunrise Build Team Company (SBT) systematically monitors, measures, analyzes, and evaluates the performance and effectiveness of the Integrated Management System. Performance evaluation combines quantitative Key Performance Indicators (KPIs), field inspection audits, compliance evaluations, and customer satisfaction tracking.

1. Master Key Performance Indicator (KPI) Dashboard

The organization has established a comprehensive KPI framework covering Quality, Environment, Occupational Health & Safety, and Statutory Compliance. The master KPI table establishes measurable performance targets:

Performance Category	Key Performance Indicator (KPI)	Measurement Method	Monitoring Frequency	Target Metric	Responsible Role	Objective Record
Quality (QMS)	Client Satisfaction Index (CSI)	Formal Client Handover Survey	Per Project	>= 85% Satisfied	Operations Director	Client Survey Dossier
Quality (QMS)	Internal & Client NCR Count	QA/QC Monthly NCR Log	Monthly	< 2 NCRs per project/mo	QA/QC Manager	Monthly NCR Register
Quality (QMS)	Rework Cost Percentage	Cost of Quality Financial Log	Monthly	< 1.0% of project billing	Project Controls Mgr	Quality Cost Report
Quality (QMS)	Material Delivery Rejection Rate	Receiving MIR Logs at Sites	Monthly	0% rejected quarry loads	Materials In-Charge	MIR Summary Report
Quality (QMS)	Snag / Punch List Closure Time	Handover Snagging Register	Per Handover	100% closed within 14 days	Project Manager	Snag Clearance Notice
Environment (EMS)	Major Fuel/Chemical Spills	Site Environmental Incident Log	Monthly	Zero Spills > 10 Liters	HSE Manager	Spill Incident Log
Environment (EMS)	Bulk Haulage Tarping Compliance	Gate Departure Inspection Log	Daily / Monthly	100% of trucks tarped	Logistics Supervisor	Transport Inspection Log
Environment (EMS)	Construction Waste Diversion	Waste Hauler Manifests	Quarterly	>= 40% waste recycled/reused	Site HSE Officers	Waste Manifest Register
Environment (EMS)	Site Water Conservation	Utility Meter Tracking	Quarterly	15% reduction in wastage	Construction Manager	Utility Resource Log
OH&S (OH&SMS)	Lost Time Injury Frequency (LTIFR)	Standard OSHA / ILO Formula	Monthly / Annual	0.0 (Zero Lost Time)	HSE Manager	Monthly HSE Statistics
OH&S (OH&SMS)	Total Recordable Incident Rate (TRIR)	Standard OSHA / ILO Formula	Monthly / Annual	0.0 (Zero Recordable)	HSE Manager	Monthly HSE Statistics
OH&S (OH&SMS)	Near-Miss / Hazard Reporting	Worker Hazard Cards Submitted	Monthly	>= 10 cards per site/mo	Site HSE Officers	Hazard / Near-Miss Log
OH&S (OH&SMS)	Daily Toolbox Talk (TBT) Rate	Daily TBT Attendance Sheets	Daily / Monthly	100% workforce attendance	Site Supervisors	TBT Attendance Dossier
OH&S (OH&SMS)	Heat Stress Incident Count	Site First Aid Clinic Log	Summer Months	Zero heat stroke cases	Camp Doctor / HSE	Clinic Heat Log
Compliance	Legal Compliance Audit Score	Annual Legal Audit Register	Annual	100% Compliance (Zero breach)	IMS / QHSE Manager	Legal Audit Report
Manpower Supply	Worker Certification Validity	HR Credential Database	Continuous	100% verified & medically fit	HR / Manpower Mgr	Manpower Compliance Log

19. Internal Audit Procedure

In accordance with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 (Clause 9.2), Sunrise Build Team Company (SBT) conducts internal audits at planned intervals to verify that the Integrated Management System conforms to the planned arrangements and standard requirements, and is effectively implemented and maintained.

1. Internal Audit Program and Planning

The IMS / QHSE Manager develops an Annual Internal Audit Program covering all departments, project sites, workshops, and logistics depots. Audits are scheduled based on process importance, risk profile, and past performance results. Every operational department and active construction site is audited at least once every twelve months.

2. Auditor Competence and Independence

Internal auditors are qualified through formal ISO Lead Auditor or Internal Auditor training conforming to ISO 19011:2018. To guarantee absolute objectivity and impartiality, auditors are never assigned to audit their own direct departments or projects.

3. Audit Execution and Evidence Gathering

Audits follow structured processes using standardized Audit Checklists: (1) Formal Opening Meeting, (2) Sampling and verification of objective evidence through personnel interviews, document reviews, and direct site observations, (3) Formal Closing Meeting presenting preliminary findings to auditee management.

4. Classification of Audit Findings

- **Major Nonconformity:** Total absence or systemic breakdown of an ISO requirement; significant direct safety hazard or environmental violation. Requires immediate containment and formal CAR with 14-day closeout.
- **Minor Nonconformity:** An isolated procedural lapse or documentation error that does not compromise overall process integrity. Formal CAR with 30-day closeout.
- **Opportunity for Improvement (OFI):** An observation or potential enhancement identified by the auditor to prevent future drift or optimize efficiency.

19.5 Corrective Action, Follow-Up, and Audit Reporting

Auditees must submit Root Cause Analyses and Corrective Action Plans within 7 calendar days of finding issuance. The Lead Auditor conducts on-site verification within 30 days to confirm implementation and effectiveness before formally closing the finding. An Internal Audit Summary Report is compiled and submitted to executive management for review during the Management Review Meeting.

20. Management Review Procedure

The Top Management of Sunrise Build Team Company (SBT) conducts an annual Management Review Meeting (MRM), chaired by the Managing Director, to ensure the continued suitability, adequacy, effectiveness, and strategic alignment of the Integrated Management System.

1. Comprehensive Review Inputs

The Management Review considers the following mandatory inputs:

a) Prior Action Status: Status of action items from prior management reviews.
b) Context & Legal Changes: Changes in external/internal issues, client expectations, and legal compliance obligations.

c) Customer Feedback: Trends in customer satisfaction, client complaints, and contractor evaluations.
d) Objective & KPI Achievement: Extent to which quality, environmental, and OH&S objectives and KPIs were met.

e) Process Performance: Process performance and conformity of construction works and supplied materials.
f) Quality Nonconformities: Nonconformity Reports (NCRs), rework costs, and corrective action effectiveness.
g) Environmental Performance: Environmental monitoring data, spills, waste metrics, and resource consumption.
h) OH&S Performance & Incidents: Workplace incidents, LTIFR/TRIR statistics, near-miss reports, and heat stress monitoring.
i) Audit Results: Results of internal, client, and third-party certification audits.
j) External Provider Performance: Performance, quality ratings, and safety compliance of suppliers and subcontractors.
k) Resource Adequacy: Adequacy of organizational resources (staffing, machinery, safety gear, financial).
l) Risk & Opportunity Actions: Effectiveness of actions taken to address risks and opportunities.
m) Worker Consultation: Worker consultation feedback, safety committee recommendations, and worker suggestions.
n) Improvement Opportunities: Specific opportunities for continual improvement across business divisions.

20.2 Required Review Outputs and Records

Outputs from the Management Review include formal executive decisions and documented action plans relating to:

- **Continual Improvement Initiatives:** Strategic initiatives to enhance quality delivery, reduce environmental footprint, and advance safety culture.
- **System & Policy Revisions:** Modifications to the Integrated Management Policy, organizational structure, or operating procedures.
- **Resource Allocation Decisions:** Executive authorization of budgets for new equipment, safety gear, training programs, or recruitment resources.
- **Formal Documented Minutes:** Formal Management Review Minutes and an Action Tracking Matrix are recorded, assigned with responsible owners and target dates, and maintained in the IMS records register.

21. Nonconformity, Incident, and Corrective Action

Sunrise Build Team Company (SBT) maintains an integrated, unified procedure governing Quality Nonconformities (NCRs), Environmental Incidents, Occupational Health & Safety Incidents, Near-Misses, Customer Complaints, and Audit Findings. The organization treats nonconformities and incidents as critical learning opportunities to achieve continual improvement.

1. Unified 9-Step Investigation and Corrective Action Workflow

Step 1 — Detection & Reporting: Any worker, engineer, or inspector who discovers an unsafe act, defective work, spill, or customer issue reports it immediately.
Step 2 — Immediate Containment: Take immediate action to contain the issue: stop work, quarantine off-spec materials, contain spills, or provide first aid.
Step 3 — Formal Documentation: Issuance of a formal Nonconformity Report (NCR) or Incident/Near-Miss Investigation Report within 24 hours.
Step 4 — Root Cause Analysis: A multi-disciplinary team (Project Engineer, QA/QC Inspector, HSE Officer) conducts on-site root cause analysis using 5-Why Analysis and Fishbone (Ishikawa) diagrams to identify underlying systemic failures rather than superficial symptoms.

Step 5 — Action Formulation: Developing targeted corrective actions to eliminate the identified root causes and prevent recurrence.
Step 6 — Assignment & Implementation: Assigning specific departmental owners and realistic completion deadlines (typically 7 to 30 days).
Step 7 — Effectiveness Verification: The QA/QC Manager or HSE Manager conducts a physical verification after 30 to 60 days to confirm that the actions were implemented and effectively prevented recurrence.
Step 8 — Closure Sign-Off: Formal closeout sign-off by the IMS / QHSE Manager and notification to executive management.
Step 9 — Organizational Learning: Distributing lessons learned across all project sites via Toolbox Talks, safety alerts, and procedure updates.

22. Continual Improvement Framework

Continual improvement is embedded into the core operating philosophy of Sunrise Build Team Company (SBT). In conformance with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 (Clause 10), the organization actively enhances its management system performance through:

- **Process Optimization:** Continuous evaluation of processes to eliminate non-value-added activities, reduce waste, and improve right-first-time quality.
- **Technology & Fleet Modernization:** Investing in modern laser-screeding tools, GPS fleet tracking, automated slump testing verification, and digital QA/QC reporting platforms.
- **Worker Engagement & Recognition:** Rewarding worker safety suggestions, near-miss reporting, and quality craftsmanship through monthly 'Safety & Quality Champions' recognition programs.
- **Systematic Lessons Learned:** Reviewing past project closeout reports to integrate lessons learned into upcoming tenders, method statements, and risk registers.

23. Master List of IMS Documented Information and Registers

The following master list catalogs the primary documented information, manuals, operating procedures, registers, and objective records maintained under controlled governance within the Integrated Management System:

Doc Ref Number	Document / Register Title	Hierarchy Level	Governing Clause / Standard	Custodian Department
IMS-MAN-001	Integrated Management System (IMS) Manual	Level 1	ISO 9001 / 14001 / 45001	QHSE Corporate
IMS-POL-001	Corporate Integrated Management Policy Statement	Level 1	Clause 5.2 (All Standards)	Executive / MD
IMS-SOP-001	Procedure for Control of Documented Information	Level 2	Clause 7.5 (All Standards)	IMS Document Control
IMS-SOP-002	Procedure for Risks and Opportunities Assessment	Level 2	Clause 6.1 (All Standards)	QHSE Department
IMS-SOP-003	Procedure for Identification of Environmental Aspects	Level 2	ISO 14001 Clause 6.1.2	HSE Department
IMS-SOP-004	Procedure for OH&S Hazard Identification & HIRA	Level 2	ISO 45001 Clause 6.1.2	HSE Department

Doc Ref Number	Document / Register Title	Hierarchy Level	Governing Clause / Standard	Custodian Department
IMS-SOP-005	Procedure for Legal & Other Requirements Evaluation	Level 2	Clause 6.1.3 & 9.1.2	QHSE / Legal
IMS-SOP-006	Procedure for Competence, Training & Awareness	Level 2	Clause 7.2 & 7.3	HR / QHSE
IMS-SOP-007	Procedure for Worker Consultation & Participation	Level 2	ISO 45001 Clause 5.4	HSE Department
IMS-SOP-008	Procedure for Tender & Contract Review	Level 2	ISO 9001 Clause 8.2	Tendering & Operations
IMS-SOP-009	Procedure for Engineering & Technical Submittals	Level 2	ISO 9001 Clause 8.3/8.5	Engineering
IMS-SOP-010	Procedure for Procurement & Supplier Control	Level 2	ISO 9001 Clause 8.4	Procurement
IMS-SOP-011	Procedure for Manpower Recruitment & Deployment	Level 2	ISO 9001/45001 Clause 8.1	HR & Manpower Supply
IMS-SOP-012	Procedure for Bulk Construction Materials Logistics	Level 2	ISO 9001/14001/45001	Materials & Logistics
IMS-SOP-013	Procedure for Inspection and Test Planning (ITP)	Level 2	ISO 9001 Clause 8.6	QA/QC Department
IMS-SOP-014	Procedure for Calibration of Measuring Equipment	Level 2	ISO 9001 Clause 7.1.5	QA/QC Department
IMS-SOP-015	Procedure for Nonconformity, Incident & Corrective Action	Level 2	Clause 10.2 (All Standards)	QHSE Department
IMS-SOP-016	Procedure for Internal Audit Management	Level 2	Clause 9.2 (All Standards)	QHSE Department
IMS-SOP-017	Procedure for Management Review	Level 2	Clause 9.3 (All Standards)	Executive / QHSE
IMS-REG-001	Corporate Risk & Opportunity Register	Level 4	Clause 6.1	QHSE Department
IMS-REG-002	Environmental Aspects & Impacts Register	Level 4	ISO 14001 Clause 6.1.2	HSE Department
IMS-REG-003	OH&S Hazard Identification & Risk Assessment (HIRA)	Level 4	ISO 45001 Clause 6.1.2	HSE Department
IMS-REG-004	Legal & Statutory Compliance Register	Level 4	Clause 6.1.3	QHSE / Legal
IMS-REG-005	Approved Vendor & Subcontractor List (AVL)	Level 4	ISO 9001 Clause 8.4	Procurement
IMS-REG-006	Master Equipment Calibration Register	Level 4	ISO 9001 Clause 7.1.5	QA/QC Department
IMS-REG-007	Nonconformity & Corrective Action Log (NCR/CAR)	Level 4	Clause 10.2	QA/QC & HSE

Doc Ref Number	Document / Register Title	Hierarchy Level	Governing Clause / Standard	Custodian Department
IMS-REG-008	Workplace Incident, Injury & Near-Miss Log	Level 4	ISO 45001 Clause 10.2	HSE Department
IMS-REG-009	Annual Training Matrix & Competency Records	Level 4	Clause 7.2	HR / Training
IMS-REG-010	Master Document & Records Control Register (MDR)	Level 4	Clause 7.5	Document Control

24. Pre-Qualification Document (PQD) Evidence Matrix

This PQD Evidence Matrix is prepared specifically for review by client prequalification committees, EPC main contractors, and procurement authorities. It maps each core ISO requirement to the organization's governing procedures, objective evidence records, and the operational departments responsible, demonstrating audit readiness and operational maturity.

ISO Requirement	IMS Governance Requirement	Governing Procedure	Objective Evidence / Deliverables for PQD Review	Responsible Dept
Context & Scope (Clause 4)	Organizational context, stakeholder mapping, and defined operational boundaries.	IMS-SOP-001 IMS-MAN-001	Context & Stakeholder Analysis Register; Approved IMS Scope Statement (Section 6).	Executive / QHSE
Leadership & Policy (Clause 5)	Top management commitment and Integrated QHSE Policy.	IMS-POL-001	Signed Integrated Policy Statement; Organizational Chart; Roles and Responsibilities Matrix.	Managing Director
Worker Consultation (Clause 5.4)	Worker participation and hazard consultation mechanisms.	IMS-SOP-007	HSE Committee Meeting Minutes; Toolbox Talk (TBT) logs; Stop Work Authority policy.	HSE Department
Risk Management (Clause 6.1)	Risk & opportunity assessment across quality, environment, and OH&S.	IMS-SOP-002 IMS-SOP-004	Corporate Risk Register; Project-specific HIRA / JSA studies; Environmental Aspects Register.	QHSE Department
Legal Compliance (Clause 6.1.3)	Identification and evaluation of legal obligations.	IMS-SOP-005	Controlled Legal Register; Annual Legal Audit Report; environmental & municipal permits.	QHSE / Legal
Objectives & KPIs (Clause 6.2)	Measurable quality, environmental, and OH&S targets.	IMS-MAN-001	Master KPI Dashboard; Monthly HSE & Quality performance monitoring reports.	Operations / QHSE
Competence & Training (Clause 7.2)	Workforce competency, trade testing, and safety induction.	IMS-SOP-006	Annual Training Plan; Training Attendance Sheets; Operator & Rigger third-party certs.	HR / QHSE

ISO Requirement	IMS Governance Requirement	Governing Procedure	Objective Evidence / Deliverables for PQD Review	Responsible Dept
Document Control (Clause 7.5)	Approval, revision control, and record protection.	IMS-SOP-001	Master Document Register (MDR); Drawing Transmittals; controlled document stamps.	Document Control
Contract Review (Clause 8.2)	Tender assessment, constructability, and specification review.	IMS-SOP-008	Tender Evaluation Checklists; Signed Contracts; Variation Orders.	Tendering & Operations
Procurement & AVL (Clause 8.4)	Supplier prequalification, purchase orders, and receiving checks.	IMS-SOP-010	Approved Vendor List (AVL); Purchase Orders with QHSE clauses; Material Test Certificates.	Procurement
Residential Works (Clause 8.1/8.5)	Quality, HSE, and environmental control of residential buildings.	IMS-SOP-013	Project Quality Plans (PQP); Method Statements; approved ITPs; concrete test reports.	Construction / QA/QC
Industrial Works (Clause 8.1/8.5)	Industrial civil/structural execution and safety interfaces.	IMS-SOP-013	Lift Plans; NDT weld test reports; PTW records; heavy flooring test logs.	Construction / QA/QC
Maintenance Works (Clause 8.1/8.5)	Scheduled and corrective maintenance execution.	IMS-SOP-013	Maintenance Work Orders; LOTO logs; client completion sign-off certificates.	Maintenance Division
Manpower Supply (Clause 8.1/8.5)	Recruitment screening, trade testing, welfare, and deployment.	IMS-SOP-011	Trade Test Scorecards; Pre-employment Medical Fitness Reports; Labor Camp Audits.	HR & Manpower Supply
Material Supply (Clause 8.1/8.5)	Supply of dune sand, sub-base, base course, aggregates, and sands.	IMS-SOP-012	Sieve analyses; CBR test reports; Proctor tests; weighbridge delivery tickets.	Logistics & Materials
Inspection & Testing (Clause 8.6)	In-process quality verification and hold points.	IMS-SOP-013	Material Inspection Requests (MIR); Work Inspection Requests (WIR); Cube test logs.	QA/QC Department
Calibration (Clause 7.1.5)	Traceability of monitoring and measuring instruments.	IMS-SOP-014	Calibration Certificates (Total stations, pressure gauges) from ISO 17025 labs.	QA/QC Department
Nonconformity & CAR (Clause 10.2)	Control of defective works, incidents, and root cause analysis.	IMS-SOP-015	Nonconformity Reports (NCR); Corrective Action Requests (CAR); Incident Investigation Reports.	QA/QC & HSE
Internal Audit (Clause 9.2)	Periodic management system audit and verification.	IMS-SOP-016	Annual Internal Audit Program; Audit Checklists; Audit Reports; Auditor credentials.	QHSE Department

ISO Requirement	IMS Governance Requirement	Governing Procedure	Objective Evidence / Deliverables for PQD Review	Responsible Dept
Management Review (Clause 9.3)	Executive evaluation of IMS performance and improvement.	IMS-SOP-017	Management Review Meeting Agenda; Signed MRM Minutes; Action Tracking Matrix.	Managing Director

25. Appendices and Operational Templates

Appendix A — IMS Scope Statement

Official Statement of Integrated Management System Scope authorized by executive management:

APPENDIX A: AUTHORIZED IMS SCOPE STATEMENT

"Construction of all types of residential buildings and industrial facilities; engineering, procurement, construction and maintenance activities in the residential and industrial sectors; recruitment and supply of manpower; and supply of dune sand, sub-base, base-course and aggregate, plaster sand, and normal sand."

Applicable Facilities: Corporate Headquarters, Residential Project Sites, Industrial Project Sites, Engineering Support Offices, Central Warehouses & Yards, Maintenance Facilities, Recruitment Assessment Centers, Worker Welfare Accommodations, Approved Borrow Pits & Quarries, Stockpile Depots, and Transport Haulage Routes.

Approved By: Usama Kafayat Ullah — General Manager / Executive Director
Document Number: SBT-IMS-MAN-001 | Rev: 00

Appendix B — Organization Responsibility Matrix (RACI)

RACI Matrix defining governance roles across core management system processes: (R = Responsible, A = Accountable, C = Consulted, I = Informed)

Operational Process	MD / GM	QHSE Mgr	PM / CM	Eng Mgr	Proc Mgr	QA/QC	HSE Off	HR Mgr	Foreman
Context & Strategic Risk Review	A	R	C	C	C	C	I	C	I
Integrated Policy & Objectives	A	R	C	C	C	C	I	C	I
Tender & Contract Review	A	C	R	C	C	C	I	C	I
Engineering & Shop Drawings	I	I	A	R	I	C	I	I	I
Procurement & Vendor Approval	A	C	I	C	R	C	C	I	I
Residential & Industrial Civil Works	A	C	R	C	I	C	C	I	R
Maintenance Execution & PTW	A	C	R	I	I	C	C	I	R
Manpower Recruitment & Vetting	A	C	I	I	I	I	C	R	I

Operational Process	MD / GM	QHSE Mgr	PM / CM	Eng Mgr	Proc Mgr	QA/QC	HSE Off	HR Mgr	Foreman
Bulk Material Logistics (Sand/Aggr)	A	C	R	I	R	C	C	I	R
Inspection & Testing (WIR / MIR)	I	C	A	I	I	R	C	I	C
HSE Site Inspections & TBT	I	A	C	I	I	I	R	I	R
Incident & Spill Investigation	A	R	C	I	I	C	R	C	C
Internal Audit Management	A	R	C	C	C	C	C	C	I
Management Review Meeting	A	R	C	C	C	C	C	C	I

Appendix C — Risk & Opportunity Register (Sample Extract)

Representative extract demonstrating organizational risk evaluation and treatment:

Risk / Opportunity ID	Risk Event Description	Initial Risk (L x S)	Mitigation Control Action	Residual Risk (L x S)	Action Owner
RSK-QL-01	Delivery of out-of-spec sub-base material resulting in field compaction failure.	Likelihood: 3 Severity: 4 Score: 12 (Med)	Mandatory pre-shipment sieve analysis and CBR testing; inspection of quarry delivery tickets before unloading.	Likelihood: 1 Severity: 4 Score: 4 (Low)	Materials Controller / QA/QC
RSK-ENV-01	Airborne dust during highway transit of dune sand generating municipal fines.	Likelihood: 4 Severity: 3 Score: 12 (Med)	Mandatory heavy tarpaulin installation verified by gate security before vehicle dispatch; driver disciplinary policy.	Likelihood: 1 Severity: 3 Score: 3 (Low)	Transport Supervisor
RSK-OHS-01	Trench wall collapse during deep foundation excavation injuring pipe layers.	Likelihood: 3 Severity: 5 Score: 15 (High)	Mandatory engineered aluminum shoring boxes or 1:1 benching for trenches > 1.2m; daily pre-entry inspection.	Likelihood: 1 Severity: 5 Score: 5 (Low)	Site Engineer / HSE Officer
OPP-BUS-01	Client prequalification approval enabling direct bidding on Tier-1 industrial packages.	Likelihood: 4 Benefit: 4 Score: 16 (High)	Fully certified ISO 9001/14001/45001 IMS implementation and audit-ready PQD documentation.	Opportunity Realized	Managing Director / Tendering

Appendix D — Environmental Aspect & Impact Register (Sample Extract)

Representative extract showing aspect evaluation under ISO 14001:2015:

Aspect ID	Activity / Location	Environmental Aspect	Potential Impact	Significance	Operational Control Measure
ASP-01	Bulk sand/aggregate haulage	Fugitive dust generation during truck transit	Air quality degradation, respiratory nuisance	Significant	Mandatory heavy tarping fastened over truck beds; haul road speed limits (20 km/h); water bowsers.
ASP-02	Heavy equipment operation	Hydraulic hose burst / diesel fuel leakage	Soil contamination and groundwater pollution	Significant	Pre-trip plant inspection; mandatory drip trays under stationary plant; site spill kits; trained operators.
ASP-03	Concrete structural casting	Alkaline concrete washout from transit mixers	Soil alkalization and storm drain blockage	Significant	Designated concrete wash pits with heavy plastic liners; dried concrete crushed for road base fill.
ASP-04	Residential finishing works	Solvent-based paint cans and adhesive containers	Toxic hazardous waste landfill contamination	Significant	Segregation in marked hazardous waste bins; storage in bunded area; disposal via licensed waste contractor.

Appendix E — OH&S Hazard Identification & Risk Assessment (HIRA Extract)

Representative HIRA extract demonstrating task hazard assessment under ISO 45001:2018:

HIRA Ref	Operational Activity	Identified Hazard	Consequence	Risk Level	Mandatory Hierarchy Controls
HIRA-01	Mobile crane lifting of rebar	Rigging failure / crane outrigger collapse	Fatal crush injury, structural collapse	High (20)	Third-party certified crane and rigging gear; certified rigger; engineered lift plan; 100% exclusion barricade.
HIRA-02	External building plastering	Fall from scaffold platform > 4 meters	Fatal fall from height, traumatic injury	High (20)	Certified scaffolding; double guardrails; Scaff-tag system; full-body harness with double lanyards, 100% tied off.
HIRA-03	Concrete cutting and chasing	Respirable crystalline silica dust exposure	Silicosis, chronic pulmonary damage	Medium (12)	Wet cutting dust suppression; dust extraction shroud; mandatory N95 / FFP2 respirators; safety goggles.
HIRA-04	Summer outdoor civil works	Extreme ambient thermal radiation (> 45°C)	Severe heat exhaustion, heat stroke	High (16)	Mandatory adherence to the midday summer work ban; air-conditioned rest shelters; chilled electrolyte water; buddy system.

Appendix F — Legal & Statutory Compliance Register (Sample Extract)

Sample legal compliance tracking register:

Legislation Title	Issuing Authority	Applicable Clause / Mandate	Operational Compliance Evidence	Evaluation Status
National Labor Law & OSH Bylaws	Ministry of Human Resources	Working hour limits (48 hrs/wk); midday heat ban; mandatory medical fitness; worker welfare.	Timesheet audits; clinic records; camp welfare inspection reports; Wage Protection System (WPS) logs.	COMPLIANT (Verified Annually)
General Environmental Regulations	National Environmental Authority	Ambient air quality limits; hazardous waste handling; spill reporting; dust control.	Licensed hazardous-waste manifests; water-bowser spraying logs; covered-transport audit tickets.	COMPLIANT (Verified Annually)
Civil Defense Fire Safety Code	General Directorate of Civil Defense	Fire extinguisher inspection; fire exit clearance; emergency evacuation drills; flame retardant storage.	Civil Defense project permits; monthly fire extinguisher inspection tags; bi-annual drill records.	COMPLIANT (Verified Annually)
Commercial Highway Transport Law	Ministry of Transport	Truck gross vehicle weight (GVW); axle-load limits; mandatory cargo tarping; speed limiters.	Automated weighbridge delivery tickets; tarping departure logs; GPS vehicle telematics records.	COMPLIANT (Verified Annually)

Appendix G — Master IMS Objectives & KPI Dashboard

Operational dashboard establishing controlled targets across all standard pillars:

IMS Pillar	Strategic Objective	Metric / Target	Review Frequency	Responsible Executive
Quality (QMS)	Achieve right-first-time construction delivery	Rework cost < 1.0% of total project billing	Monthly	QA/QC Manager
Quality (QMS)	Maintain high client satisfaction	Client Satisfaction Index >= 85%	Per Project Handover	Operations Director
Quality (QMS)	Zero rejected bulk material shipments	100% sand/aggregate delivery loads on-spec	Monthly	Procurement / Materials
Environment (EMS)	Prevent hazardous hydrocarbon contamination	Zero reportable fuel/chemical spills > 10L	Continuous / Monthly	HSE Manager
Environment (EMS)	Enforce bulk material haulage dust suppression	100% sand/aggregate trucks covered with tarpaulin	Daily / Monthly	Logistics Supervisor
Environment (EMS)	Promote construction waste diversion	>= 40% concrete/steel waste recycled or reused	Quarterly	Site HSE Officers
OH&S (OH&SMS)	Maintain zero serious workplace injuries	Zero Fatalities; Zero Lost Time Injuries (LTIFR = 0.0)	Monthly / Annual	Managing Director / HSE

IMS Pillar	Strategic Objective	Metric / Target	Review Frequency	Responsible Executive
OH&S (OH&SMS)	Promote proactive workplace hazard reporting	>= 10 Near-Miss / Hazard cards per site per month	Monthly	Site HSE Officers
OH&S (OH&SMS)	Ensure 100% pre-task briefing attendance	100% workforce attendance at daily Toolbox Talks	Daily	Site Supervisors
OH&S (OH&SMS)	Prevent heat stress emergencies in summer	Zero heat stroke cases via hydration & work-rest cycles	Summer Months	Camp Doctor / HSE

Appendix H — Annual Training & Competency Matrix (Sample Extract)

Structured training curriculum for direct employees and supplied personnel:

Training Course Title	Target Audience	Frequency	Delivery Method	Competency Record
Corporate IMS & Safety Induction	All direct staff, supplied manpower, subcontractors	Prior to Site Entry	Classroom lecture, video & quiz	Induction Record & Gate Pass
Working at Height & Scaffold Safety	Scaffolders, masons, steel fixers, painters	Annual / Upon deployment	Practical hands-on harness training	Height Competency Certificate
Excavation & Shoring Safety	Civil foremen, pipe layers, excavator operators	Annual	Classroom & field inspection drill	Excavation Safety Pass
Lifting Operations & Rigging	Crane operators, riggers, banksmen	Bi-Annual	Third-party accredited certification	Accredited Rigger Card
Heat Stress Prevention & Hydration	All outdoor site workforce and drivers	Pre-Summer (Annual)	Multilingual briefing & visual aids	Toolbox Talk Attendance Record
Spill Response & Environmental Rules	Mechanics, fuelers, storekeepers, drivers	Annual	Practical spill kit deployment drill	Spill Response Training Record
Defensive Driving & Bulk Haulage	Tipper truck drivers, heavy plant operators	Annual	Defensive driving & pre-trip checks	Driver Certification Card

Appendix I — Supplier & Subcontractor Evaluation Template

Criteria for semi-annual evaluation of external providers on 100-point scale:

Evaluation Domain	Evaluation Criteria	Max Score	Scoring Basis
Quality Performance	Material conformity with specs; Mill Test Certificates; zero NCRs; low defect rate.	35 Points	0-15: Unsatisfactory; 16-25: Acceptable; 26-35: Excellent
Delivery & Schedule	Adherence to agreed delivery dates; truck availability; prompt replacement of rejected loads.	25 Points	0-10: Late; 11-18: Moderate; 19-25: On-Time
HSE & Environmental	Driver safety; tarping compliance; valid plant inspection; worker PPE; environmental care.	25 Points	0-10: Poor; 11-18: Satisfactory; 19-25: Strict Compliance
Commercial & Invoicing	Competitive pricing; billing accuracy; prompt resolution of invoicing queries.	15 Points	0-5: Discrepancies; 6-10: Standard; 11-15: Fully Aligned

Rating Thresholds: >= 80 Points = Approved / Preferred; 65 - 79 Points = Conditional (Warning Letter); < 65 Points = Disqualified / Removed from AVL.

Appendix J — Annual Internal Audit Program (Schedule Extract)

Internal audit schedule ensuring complete standard coverage:

Audit Ref	Audited Function / Department / Site	Applicable Standards	Scheduled Month	Lead Auditor
IA-01	Executive Management & Leadership Governance	ISO 9001 / 14001 / 45001	January	Certified Lead Auditor
IA-02	Tendering, Commercial & Contract Review	ISO 9001 (Clause 8.2)	March	Internal Auditor
IA-03	Procurement, Central Stores & Quarry Sourcing	ISO 9001 / 14001 (Clause 8.4)	April	Internal Auditor
IA-04	Residential Construction Project Sites	ISO 9001 / 14001 / 45001	June	Lead Auditor & HSE Auditor
IA-05	Industrial Facilities Construction Sites	ISO 9001 / 14001 / 45001	August	Lead Auditor & HSE Auditor
IA-06	Manpower Recruitment & Welfare Facilities	ISO 9001 / 45001	September	Internal Auditor
IA-07	Bulk Materials Logistics & Transport Fleet	ISO 9001 / 14001 / 45001	October	Internal Auditor
IA-08	Annual Legal & Statutory Compliance Audit	ISO 14001 / 45001 (Clause 9.1.2)	November	IMS / QHSE Manager

Appendix K — Management Review Meeting Agenda & Record Template

Standard agenda format for annual executive Management Review Meeting:

- **Agenda Item 1:** 1. Review and status of action items from previous Management Review.
- **Agenda Item 2:** 2. Changes in external and internal issues, context, and legal compliance obligations.
- **Agenda Item 3:** 3. Customer satisfaction survey results, client feedback, and complaints log.
- **Agenda Item 4:** 4. Evaluation of IMS Objectives and Key Performance Indicators (KPIs).
- **Agenda Item 5:** 5. Process performance, product conformity, and bulk material test results.
- **Agenda Item 6:** 6. Quality Nonconformities (NCRs), rework costs, and corrective action effectiveness.
- **Agenda Item 7:** 7. Environmental performance, spills, waste recycling, and resource metrics.
- **Agenda Item 8:** 8. OH&S performance: LTIFR, TRIR, near-misses, heat stress logs, and safety audits.
- **Agenda Item 9:** 9. Results of internal, client, and third-party certification audits.
- **Agenda Item 10:** 10. Performance of external providers, subcontractors, and quarry suppliers.
- **Agenda Item 11:** 11. Adequacy of resources (personnel, heavy plant, safety gear, financial).
- **Agenda Item 12:** 12. Effectiveness of actions addressing risks and opportunities.
- **Agenda Item 13:** 13. Worker consultation feedback and safety committee suggestions.
- **Agenda Item 14:** 14. Executive decisions on continual improvement, policy updates, and budget allocation.

Appendix L — Nonconformity & Corrective Action Report (NCR / CAR) Template

Standard format for logging quality nonconformances and procedural deviations:

Section	Form Field Description	Content / Guidance
Part 1: Details	NCR No., Date, Project Name, Location, Originator, Department	Unique serialized number (e.g., NCR-PRJ-001); date of detection; precise site grid.
Part 2: Description	Description of Nonconformity / Deviation & Applicable Standard	Clear factual description referencing specific drawing, specification, or ITP clause.
Part 3: Immediate Action	Immediate Containment / Quarantine Action Taken	Immediate stop work; physical tagging; segregation; temporary shoring; containment.
Part 4: Root Cause	5-Why Root Cause Analysis (Conducted by Multi-disciplinary Team)	Why did it happen? Why was it not caught earlier? Root organizational/systemic cause.
Part 5: Action Plan	Proposed Corrective Action Plan, Action Owner, Target Due Date	Action to eliminate root cause and prevent recurrence; assigned manager; due date.
Part 6: Verification	Follow-up Verification & Effectiveness Review (after 30-60 days)	Physical site re-inspection; testing verification; objective proof of non-recurrence.
Part 7: Closeout	Formal Closeout Sign-off (QA/QC Manager, Client Consultant)	Final signature to close the NCR; updating the Master NCR Register.

Appendix M — Incident & Near-Miss Investigation Report Template

Standard format for investigating health, safety, environmental, or damage incidents:

Section	Form Field Description	Content / Guidance
Part 1: Incident Data	Incident Ref No., Date, Exact Time, Specific Location, Project	Unique serialized reference; exact shift time; weather conditions; supervisor on duty.
Part 2: Classification	Classification of Event	Near-Miss | First Aid | Medical Treatment | Lost Time Injury (LTI) | Environmental Spill | Property Damage
Part 3: People Involved	Personnel Information (Name, Trade, Direct / Supplied / Subcontractor)	Personal details; medical checkup history; training verification; PPE worn.
Part 4: Narrative	Detailed Sequence of Events & Witness Statements	Objective chronological narrative of facts preceding, during, and following the incident.
Part 5: Root Cause	Direct Cause, Indirect Contributing Factors, Underlying Root Cause	Direct physical cause; unsafe condition/act; systemic management/training failure.
Part 6: Corrective Action	Immediate Remedial Action & Systemic Preventative Actions	Corrective actions assigned to designated managers with fixed implementation dates.
Part 7: Approval	Investigation Team Signatures & Management Review Sign-off	HSE Officer, Project Manager, HSE Manager, and Managing Director approvals.

Appendix N — Site Emergency Preparedness & Response Matrix

Operational response matrix for critical site emergency scenarios:

Emergency Scenario	Immediate Site Action	Emergency Equipment Deployed	External Emergency Call
Site Fire / Explosion	Sound the fire alarm; isolate power; evacuate to the Assembly Point; Fire Wardens sweep the area; extinguish if at the incipient stage.	ABC Dry Powder & CO2 Extinguishers; Fire Blankets; Water Hoses	Civil Defense (998)
Severe Trauma / Fall	Do not move patient unless in immediate danger; call site First Aider; provide CPR / bleeding control; stabilize spine.	First Aid Kit; Cervical Collar; Spine Board; Standby Ambulance	Ambulance / EMS (997)
Trench Collapse	Halt all plant; do NOT enter trench; deploy shoring / rescue ladders; secure perimeter; account for workers.	Trench Shoring Shields; Rescue Ladders; Heavy Extraction Gear	Civil Defense Search & Rescue (998)
Major Chemical/Fuel Spill	Stop source; isolate ignition sources; deploy absorbent booms to block drains; spread absorbent pads; shovel into drums.	Spill Response Kits (Booms, Pads, Granules); Shovels; Sealed Drums	Municipal Environmental Authority
Sandstorm / Gale Winds	Stop crane operations and work at height; lower crane booms; secure loose scaffolding boards; shelter workers in camps.	Emergency Radios; Fortified Indoor Shelters; First Aid Kits	Meteorological Warning Center

Appendix O — Master Document & Records Control Register (Extract)

Master register governing document revisions, retention periods, and storage locations:

Doc Number	Title	Current Rev	Issue Date	Storage Location	Retention Period
IMS-MAN-001	Integrated Management System (IMS) Manual	Rev 00	14/01/2026	EDMS / Controlled Intranet	Permanent
IMS-POL-001	Integrated Management Policy Statement	Rev 00	14/01/2026	Site Displays / Intranet	Permanent
IMS-SOP-001 to 017	Standard Operating Procedures (SOP 01 to 17)	Rev 00	14/01/2026	EDMS / QHSE Master Files	5 Years
PQP-PRJ-001	Project Quality Plans (Site Specific)	Rev 00	14/01/2026	Site QA/QC Offices & EDMS	Project Life + 5 Yrs
HSE-PRJ-001	Site HSE Management Plans	Rev 00	14/01/2026	Site HSE Offices & EDMS	Project Life + 5 Yrs
ITP-CV-001 to 015	Inspection & Test Plans (Civil, Structural, Finishes)	Rev 00	14/01/2026	Site QA/QC Master Binders	Project Life + 5 Yrs
REC-MIR / WIR	Material & Work Inspection Records (MIR / WIR)	Daily	14/01/2026	Site QA/QC Archives	Project Life + 10 Yrs
REC-INC-001	Incident & Near-Miss Investigation Reports	Ongoing	14/01/2026	QHSE Corporate Archive	10 Years

26. Integrated Management System Coverage Checklist

Prior to final release and submission in client Pre-Qualification Documents (PQD), an internal audit of this manual was conducted against the normative requirements of ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018. The following cross-reference matrix proves full coverage across all clauses of all three standards:

Management Standard Requirement Domain	ISO 9001	ISO 14001	ISO 45001	Governing Manual Sections	Audit Status
Organizational Context, Boundaries & IMS Scope	4.1, 4.2, 4.3	4.1, 4.2, 4.3	4.1, 4.2, 4.3	Section 5.1-5.6, 6.0, App A	FULL COVERAGE
Management System Architecture & PDCA Model	4.4	4.4	4.4	Section 7.1, 7.2	FULL COVERAGE
Top Management Leadership, Commitment & Policy	5.1, 5.2	5.1, 5.2	5.1, 5.2	Section 8.1, 8.2	FULL COVERAGE
Organizational Roles, Responsibilities & RACI Matrix	5.3	5.3	5.3	Section 8.3, App B	FULL COVERAGE
Worker Consultation, Participation & SWA Authority	N/A	N/A	5.4	Section 8.1, 10.6	FULL COVERAGE
Actions to Address Strategic Risks & Opportunities	6.1.1	6.1.1	6.1.1	Section 9.1, 9.2, App C	FULL COVERAGE
Environmental Aspects & OH&S Hazard Identification (HIRA)	N/A	6.1.2	6.1.2	Section 9.3, 9.4, 13.1, 14.1, App D, E	FULL COVERAGE
Legal Obligations & Regulatory Compliance Evaluation	N/A	6.1.3, 9.1.2	6.1.3, 9.1.2	Section 9.5, 9.6, 17.0, App F	FULL COVERAGE
Measurable Objectives, Targets & KPI Dashboard	6.2	6.2	6.2	Section 9.7, 18.1, App G	FULL COVERAGE
Resource Allocation, Infrastructure & Calibration	7.1, 7.1.5	7.1	7.1	Section 10.1, 12.3	FULL COVERAGE
Competence, Trade Testing, Training & Awareness	7.2, 7.3	7.2, 7.3	7.2, 7.3	Section 10.2, 10.3, 10.4, App H	FULL COVERAGE
Communication Protocols & Documented Information Governance	7.4, 7.5	7.4, 7.5	7.4, 7.5	Section 10.5, 10.7-10.9, App O	FULL COVERAGE
Tender Assessment, Contract Review & Engineering Coordination	8.2, 8.3, 8.5	N/A	N/A	Section 6.2, 11.1, 11.2	FULL COVERAGE
Procurement, Subcontractor & Approved Vendor List (AVL) Controls	8.4	8.1	8.1	Section 11.3, 16.0, App I	FULL COVERAGE
Operational Planning & Controls (Civil, Industrial, Waterproofing, Aggregates, Manpower)	8.1, 8.5	8.1	8.1	Section 11.4 - 11.13	FULL COVERAGE
Quality Control (ITPs, Testing, Traceability, Snagging & Handover)	8.5.2, 8.6, 9.1.2	N/A	N/A	Section 12.1 - 12.6	FULL COVERAGE
Environmental Protection, Waste Segregation & Chemical Safety	N/A	8.1	N/A	Section 13.1 - 13.3	FULL COVERAGE
Occupational Health & Safety Hazard Controls & Work Permits (PTW)	N/A	N/A	8.1	Section 14.1 - 14.3	FULL COVERAGE
Emergency Preparedness, Evacuation & Spill Response Protocol	N/A	8.2	8.2	Section 13.3, 15.0, App N	FULL COVERAGE
Performance Evaluation, Internal Audits, MRM & Continual Improvement	9.1-9.3, 10.1-10.3	9.1-9.3, 10.1-10.3	9.1-9.3, 10.1-10.3	Section 18-22, App J-M	FULL COVERAGE

SECTION 06: CORPORATE REGISTRY & ENGAGEMENT

Corporate Headquarters, Operations & Prequalification

Partnering with public and private developers to deliver critical engineering and infrastructure across Saudi Arabia.

OFFICIAL CONTACT CHANNELS

Direct Inquiries & Tender Desk

Whether you require specialized envelope waterproofing, turnkey MEP engineering, industrial piping fabrication, or bulk aggregates, our team is ready to respond.

- **Corporate Headquarters:**
  Office #301, 3rd Floor, Al Bawadi Dist. 2439, Jeddah 23531, Kingdom of Saudi Arabia
- **Direct Telephone & WhatsApp:**
- +966 59 637 6380
- **Email:**
  umair@sunrisebuildteam.com

- **Commercial Registration (CR):**
  7053364316 (Ministry of Commerce)
- **VAT Registration ID:**
  314561233800003 (ZATCA Authority)
- **National Address (SPL):**
  Building 7636, Al Bawadi, Jeddah 23531

Response Pledge: Guaranteed 24-hour turnaround on formal RFP submittals and site inspection inquiries.

OFFICIAL PREQUALIFICATION SUBMITTAL

Sunrise Build Team Company

Single Person LLC • Kingdom of Saudi Arabia

This dossier represents the formal corporate prequalification of Sunrise Build Team Company. All licenses, tax certificates, and ISO quality management accreditations documented herein are verified, active, and fully compliant with the laws of the Kingdom of Saudi Arabia.

Verified Corporate Compliance:

✓ Valid Commercial Registration (CR: 7053364316)

✓ ZATCA Tax & VAT Fully Active (ID: 314561233800003)

✓ Certified ISO 9001 / 14001 / 45001 Integrated Systems

✓ Fully Bonded & Prequalified for Public & Private Tenders

✓ Direct Sponsorship Workforce: 200+ Personnel

Authorized Corporate Signatory:

Executive Management

- Corporate Affairs

Sunrise Build Team Company

- Jeddah / Riyadh

Dossier Reference: SBT-PQ-2026-V1.0