

**Innovate.
Evolve.
Create.**



WORK TOGETHER— GROW TOGETHER

AVONE Group - Strategic Outlook



The AVONE Group

AVONE TechSys Pvt. Ltd.



An EPC Company

AVONE System & Controls



Manufacturing & EPC company

AVONE Group is a leading Engineering, Procurement & Construction (EPC) and Manufacturing Company providing complete in-house one point customised electrical system solution for Design, Engineering, Drawings, Procurement, Construction and Commissioning Services for Industrial Projects, Substations Distribution & Transmission and Rural Electrifications for its World Wide Clientele. It now offers mechanical auxiliary items and Cement plant Modernization also.

AVONE Group - Corporate Overview

- **AVONE, an ISO Certified Manufacturing and Engineering, Procurement & Construction (EPC) Company Established in the year 2007**
- **AVONE provides complete in-house turnkey solution for Industrial Projects, Electrical Substation & Distribution Projects from concept to Commissioning including control system, SCADA through its expert engineering capabilities, resources and adaption of latest technology. It now offers mechanical auxiliary items and Cement plant Modernization also.**
- **Registered Office is in Noida and Delhi; Corporate office in Noida (U.P.) India**
- **Works are in Noida (Uttar Pradesh), Kathmandu (Nepal)**
- **Overseas Project Offices in Nepal.**

AVONE Group – Vision



AVONE ASPIRE TO BE THE GLOBAL LEADER IN THE DESIGN & DEVELOPMENT OF TECHNOLOGY SOLUTIONS TO BUSINESSES ACROSS INDUSTRY SECTORS. WITH OUR UNWAVERING COMMITMENT TO DELIVER END-TO-END VALUE TO OUR CLIENTS, WE AIM TO CHALLENGE THE CURRENT BOUNDARIES OF TECHNOLOGICAL LIMITATIONS THROUGH OUR CONTINUED FOCUS ON INNOVATION & IDEATION. THIS VISION WILL BE FORTIFIED BY PROVIDING THE BEST PLATFORM TO HIGHLY MOTIVATED INDIVIDUALS GEARED TOWARDS EXPLORING THE HORIZON & INSPIRING OTHERS.

AVONE Group - Mission

"WORK TOGETHER, GROW TOGETHER"

AT AVONE, WITH AN OVERARCHING OBJECTIVE TO BUILD VALUE FOR OUR CUSTOMERS, WE ARE DRIVEN TOWARDS THE DEVELOPMENT OF NOVEL, INNOVATIVE & STATE-OF-THE-ART SOLUTIONS. OUR FOCUS TOWARDS FULFILLING COMMITMENTS ACROSS ALL ASPECTS OF A DYNAMIC & SUSTAINABLE BUSINESS TRULY DEFINES OUR FUNDAMENTAL ETHOS, EVENTUALLY RESULTING IN A HIGH LEVEL OF CUSTOMER DELIGHT & SATISFACTION. LEVERAGING OUR STRONG TECHNICAL BACKGROUND, WE STRIVE TO CONSTANTLY RAISE THE BAR OF QUALITY OF OUR SOLUTION OFFERINGS, THEREBY STAYING A STEP AHEAD OF THE COMPETITION.

Directors & Partners

Achalesh Kumar Verma
Director

Vipin Kumar Goel
Director



ACHALESH K. VERMA – Diploma In Electrical Engineering. 46 years experience in all areas of Electrical, Instrumentation and Automation for turnkey projects related to Dams, Chemical Plants, Coal Washeries, Mineral Beneficiation Plants, Material Handling, Crushing & Screening Plants, Cement Plants, Coal Handling, Steel Plants, Rolling Mills, Port Cranes.



VIPIN K. GOEL- BE(Hons.) Electrical from NIT, Kurukshetra. 37 years experience in all areas of Electrical, Instrumentation and Automation for turnkey projects related to Material Handling, Crushing & Screening Plants, Cement Plants, Coal Handling, Steel Plants, Rolling Mills, Port Cranes. Innovation in developing various import substitutes for the infrastructure Industry.

AVONE Group - Corporate Structure



Associate Directors

Gopal Jee Agarwal
Director



Gopal Jee Agarwal– BE Mechanical. 43 years experience in Mechanical area in Project Management, Material Management, After Sales Service, Site Supervision for turnkey projects related to Cement Plants, Material Handling. Worked with Cimmco Birla Ltd, KHD Humboldt Wedag India Ltd, Loesche India etc.

Atul Gupta
Director



Atul Gupta– BE Mechanical (Hons.). 40 years experience in Mechanical area in Engineering, Project Management, Material Management for turnkey projects related to Cement Plants, Material Handling. Worked with Cimmco Birla Ltd, KHD Humboldt Wedag India Ltd, Angelique International Ltd etc..

Advisor



Pradeep Otto– BE Mechanical . 45 years experience in Cement Industry, Waste heat Power plants and LPG Bottling plant. National & International projects. Cement plants rehabilitation / modernization projects, green field projects site execution as overall site in charge. Manufacturing quality control & management. Basic engineering. Worked with NCCBM, Orient Cement, ERCOM, KHD Humboldt Wedag India Ltd, Loesche India Ltd etc..

- ❑ Manufacturing of Plant Equipment Panels (MCC, VFD, Soft Starter, AMF, Synchronisation Panels), Power Distribution Panels (PCC, Distribution Boards, ACDB, DCDB LT/MV Switch Gears , Bus Ducts), Control Panels (Control Cabinets, Control Desk, PLC, Automation System DCS Controls, SCADA, operating station) Auxiliary Panels (Automatic Power Factor Correction, Feeder Pillars, Bay Marshalling Kiosks, Junction Boxes).
- ❑ Supply of various Mechanical items needed in Cement plants like dampers, gates, screw conveyors, air slides, belt conveyors, feeders etc.
- ❑ Cement plants technical consulting (TEFR, Basic Engineering, Quality control through inspection of manufacturing, site supervision & project execution monitoring) of brown field projects of capacity upgradation through optimization and technology upgradation, green field projects (TEFR & basic engineering). energy consumption optimization / audit studies etc.

AVONE Group - Core Business Area

EPC Project for E & I (Concept to Commissioning):
Industrial Projects, Substations, Transmission & Distribution lines,
Material Handling System, Rolling Mill, Metro Railways, Power Plant,
Cement Plant, Thermal Plant,

- Design & Engineering
- Procurement & Logistics
- Project Management
- Installation , Testing & Commissioning
- Operation & Handover
- Post Commissioning Services

AVONE Group - Core Business Area



Transmission Line



Rolling Mill



Cement Plant



Substation

AVONE Group - Core Business Area



Metro Railway



Thermal Plant



Stacker & Reclaimer



Sea Port

AVONE Group - Quality Certifications



AVONE Group - Quality Certifications



FEDERATION OF INDIAN EXPORT ORGANISATIONS
 FIEO Northern Region - New Delhi
 Niryat Bhawan Rao Tula Ram Marg, Opp. Army Hospital Research & Referral, New Delhi.
 NEW DELHI, DELHI, 110057.
 Email - fieonr@fio.org, Telephone - 011-46042222 Website - <https://www.fio.org>

UDINRCMC00572889AM25


REGISTRATION CUM MEMBERSHIP CERTIFICATE
 (Issued under the provisions of Foreign Trade Policy, Government of India)

Name of the exporter	AVONE SYSTEM AND CONTROLS				
IEC Number	0510063675	PAN	AAOFA2992H	Date of Birth / Incorporation	22/10/2007
Address of the Registered/Head Office	F-287, SECTOR-63 NODIA, 201301, GAUTAM BUDDHA NAGAR, UTTAR PRADESH				
Nature of Concern	Partnership				
Description of goods/ services for which registered	Electrical Panel				
Registration Number	NR/1020/2017-2018				
Issued against File Number	RCMCRENEWFIEO00082060AM25				
Registered as	Manufacturer Exporter				
Name of the Proprietor/ Partner(s)/Director(s)/Karta	Achalesh Kumar Verma, Vipin Kumar Goel				

This certificate is issued as per the details of our records and is subject to the conditions laid down in the relevant scheme of registration of this council.

Issue Date	17/02/2025	Renew upto	31/03/2026
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Note: Refer DGFT Website (Services - View IEC Related Details - View Any IEC) for IEC Branch and Director details.

This document is digitally signed by System Admin, on 17/02/2025

AVONE Group - Quality Certifications



TC No.: NTH (NR)/EL (A)/2019/00115-B

Code No.:1549528723027

Page 1 of 2

ANNEXURE

I - Marking:

On the front side:
AVONE SYSTEM & CONTROLS
F-287, SECTOR-63, NOIDA-201301, UTTAR PRADESH, INDIA
AVONE TEL.: +91 120 4223101, 4223102 MOB.: 9958297022/27
E-MAIL: CONTACT@AVONETECH.COM
WEBSITE: WWW.AVONETECH.COM

II - Tests:

S. No	Tests	Requirements of I.S.	Observation
1.	Visual examination	Should be free from defects	Satisfactory
2.	Degree of Protection IP-65 (IS/IEC 60529 - 2001)		
a)	Degree of protection indicated by the First Characteristics Numeral '6' i.e. Test for protection against ingress of dust (IP-6X)	Shall have no ingress of dust	Protection is Satisfactory
b)	Degree of protection indicated by the Second Characteristics Numeral '5' i.e. Protection against water jets (IP-X5)	Water projected in jets against the enclosure from any direction shall have no harmful effects	Protection is Satisfactory
3.	Verification of Dimensions	Dimensions shall be within specified tolerances as mentioned in the drawing	Satisfactory, Drawing verified and attached

Tested By
(Signature)
(DANNY PRATAP)
S.A. (Electrical)

Checked By
(Signature)
(NAHAR SINGH)
Scientist C (Electrical)

Approved By
(Signature)
(YOGESH SINGH)
Scientist C (Electrical)

ULR-TC6870910000004: F

No.: NTH (NR)/GZB-5

Note: Please See Overleaf
सुचनाई: कृपया पृष्ठ के पीछे ध्यान दें।

97476

CENTRAL POWER RESEARCH INSTITUTE



CPRI

TEST REPORT

Date: 13.08.2018

Test Report No.: CPRINOAHV1819T0145

Test conducted : Verification of Temperature Rise Limits
Date of test : 10.08.2018
Starting time (Hrs) : 09:45
Shut down time (Hrs) : 15:45
Test current (A) : 1250
Size of the conductor used for : Copper Busbar size: 80x5 sqmm x 2 no., length: 2meter
Frequency (Hz) : 50
Phase : 3
Avg. ambient temperature at shut down : 34.5°C
Arrangement of thermocouple locations : As given below

Locations	Numbers	Maximum Temperature rise (°C)	Temperature Rise (K)
Incoming Terminal (phase-R)	T1	66.3	31.8
Incoming Terminal (phase-Y)	T2	67.2	32.7
Incoming Terminal (phase-B)	T3	67.6	33.1
ACB Incoming Terminal (Phase-R)	T4	82.7	48.2
ACB Incoming Terminal (Phase-Y)	T5	86.1	51.6
ACB Incoming Terminal (Phase-B)	T6	81.5	47.0
ACB Outgoing Terminal (Phase-R)	T7	86.0	51.5
ACB Outgoing Terminal (Phase-Y)	T8	88.2	53.7
ACB Outgoing Terminal (Phase-B)	T9	86.7	52.2
Vertical Busbar (phase-R)	T10	79.9	45.4
Vertical Busbar (phase-Y)	T11	78.0	43.5
Vertical Busbar (phase-B)	T12	73.4	38.9
VBB & HBB busbar Joint (Phase-R)	T13	73.8	39.3
VBB & HBB busbar Joint (Phase-Y)	T14	70.8	36.3
VBB & HBB busbar Joint (Phase-B)	T15	69.7	35.2
Out going Terminal (phase -R)	T16	64.0	29.5
Out going Terminal (phase -Y)	T17	65.0	30.5
Out going Terminal (phase -B)	T18	64.5	30.0
ACB Body	T19	38.3	3.8
ACB Handle	T20	38.0	3.5
Enclosure side	T21	43.0	8.5

Observation: 1) The maximum temperature rise obtained was within the limits as per standard & customers requirements.
2) After temperature rise test, sample subjected to the HV test to check the effect of temperature rise on adjacent parts of sample. The sample withstood 2.0 kVrms for one second.

Conclusion: The sample tested complies with the requirements of clause no. 9.2 IEC: 61439-1, 2011 and as per customer requirements.

(Signature)
(M.K. Jaiswal)
Chief Engineer
CENTRAL POWER RESEARCH INSTITUTE
राष्ट्रीय परीक्षण शाला
National Testing Laboratory
प्लॉट नं. 30, गडगावरी (उ.प्र.), गान्धी नगर, नोएडा-201309
Plot No. 30, Gandgaonri (U.P.), Gandhi Nagar, NOIDA-201309 (U.P.)

Sheet 2 of 3

High voltage test facility
High Voltage Test Laboratory, Plot No. 30A,
National Testing Laboratory, NOIDA-201309, (U.P.), India.
E-mail: hvtl@nvl.org.in Phone No. 0120-2402673

LIST OF TOOLS & MACHINERY

NAME OF THE MACHINE	CAPACITY	QUANTITY
CNC LASER SHEARING MACHINE	6mm	ONE
CNC HYDRAULIC PRESS	80 TONS	ONE
POWER PRESS	40T	ONE
MIG ELECTRIC WELDING SETS	200A	FOUR
SILENT DIESEL GENERATOR	40kVA	ONE
SPOT WELDING	7.5kVA	ONE
HYDRAULLIC BUSSBAR PROCESSOR MACHINE	1HP	ONE
DC ARC WELDING MACHINE	40-100A	ONE

AVONE Group -Testing Equipment

SL.	DESCRIPTION OF EQUIPMENT	QUANTITY
1	POWER SUPPLIES	TWO
2	VOLTAGE & CURRENT SOURCE	ONE
3	MULTIMETRES	TWO
4	HIGH VOLTAGE TESTER	ONE
5	MEGGAR	TWO
6	TEST BENCH	ONE
7	VOLTAGE MEASURING METER	ONE
8	CURRENT MEASURING METER	ONE
9	CURRENT INJECTOR, 30A	ONE

AVONE Group - Reference List (Major Projects Only)



Major Projects >=1 Cr

Sl.	Year	Description	Client Name	Value (INR) in Lacs
1	2025	E&I Gasifier System _4.2Mx6	Case Group	133.88
2	2025	250 TPH C&S Plant-OP-014853_R7	Middle East Metal Manufacturing LLC	130.05
3	2024	E&I Package for Crushing Plant a/c WeBuild NEOM	Sandvik Middle East FZE	1287.75
4	2024	E&I System for Crusher	Sandvik-Al-Bassami-KSA	136.94
5	2024	Various Orders	Moglix through Enic	100.00
6	2023	Meter Board - 225 nos	Lucky Exports	842.60
7	2023	PMCC, Capacitor, MCC, VFD, LPBS	Lars Enviro	375.01
8	2023	Various Orders	ATPL	165.00
9	2023	Various Orders	Moglix through Enic	150.00
10	2023	3200A Bus duct	Thyssenkrupp	138.00
11	2022	6 MLD ZLD for Bhiwadi Project	Triveni Water	210.89
12	2022	E&I for 4.2x9N Project_Kamanda	Case Group	125.00

AVONE Group - Reference List (Major Projects Only)



Major Projects >=1 Cr

Sl.	Year	Description	Client Name	Value (INR) in Lacs
13	2022	E&I for 4.2x3N Project	Case Group	125.00
14	2022	Design, Engineering, Supply of Mobile Machines	Sandvik Mining & Rock Technologies Pvt.Ltd.	100.00
15	2022	Design, Engineering, Supply of Electrical Safety Switches for Zawar Mines in Rajasthan	Hindustan Zinc Ltd.	100.00
16	2021	Design, Engineering, Supply of Electrical Safety Switches for Rampura Agucha Mines in Rajasthan	Hindustan Zinc Ltd.	167.00
17	2021	Design, Engineering, Supply of Electrical Safety Switches for Rajpura Dariba Mines in Rajasthan	Hindustan Zinc Ltd.	147.00
18	2020	Design, Engineering, Supply of Electrical System for 700 MTPH C&S Plant, Saudi Maaden Project	Sandvik Middle East	109.00
19	2020	Design, Engineering, Supply of Mobile Machines	Sandvik Asia Pvt. Ltd.	100.00
20	2019	Design, Engineering, Supply & Installation of Electricals for Mauritius Metro Project	Mauritius Express Metro Project - L&T	304.00
21	2018	Design, Engineering, Supply of Electrical System for Gorahi Cement Nepal	Gorahi Cement Industries	323.00
22	2018	Design, Engineering, Supply of Inpit Conveying System for Adani	Bevcon	235.00
23	2018	Design, Engineering, Supply of LT Panels for Ethiopia Rural Electrification	L&T Ltd	144.00
24	2018	Design, Engineering, Supply of Electrical System for 440TPD Cement Plant for Atal Cement Plant, Nepal	Atal Cement Plant	141.00

AVONE Group - Reference List (Major Projects Only)



Major Projects >=1 Cr

Sl.	Year	Description	Client Name	Value (INR) in Lacs
25	2017	Design, Engineering, Supply of 400 TPD Grinding Unit	Vijaya Cements Pvt Ltd	121.00
26	2017	Design, Engineering, Supply of Grinding Unit	Bishal Cement Industries Pvt. Ltd	115.00
27	2017	Design, Engineering, Supply of Electrical for Stacker & Reclaimer (DVC Project)	Jaiprakash Associates Ltd.	111.00
28	2016	Design, Engineering, Supply of Mobile Machines	Sandvik Asia Pvt. Ltd.	125.00
29	2015	Design, Engineering, Supply of E&I Package for Gorahi Cement Nepal	Humbolt Wedag	285.00
30	2015	Design, Engineering, Supply of 500 TPD Cement Grinding Unit Nepal	Reliance Supertech Cements Pvt. Ltd.	105.00
31	2015	Design, Engineering, Supply of Mobile Machines	Sandvik Asia Pvt. Ltd.	100.00
32	2014	Design, Engineering, Supply of ACB Panels	Inox Wind	107.00
33	2013	Design, Engineering & Supply Electrical System for 2000TPD Cement Grinding Unit	Shivam Cement	319.00
34	2013	Design, Engineering & Supply of Electrical System for Bucket Wheel Stacker Rec	Jaiprakash Associates Ltd.	119.00
35	2013	Design, Engineering & Supply of Electrical System for 500 TCD Sugar Plant	Raj Agro	119.00
36	2012	Design, Engineering, Supply & E&C of Electricals for Bucket Wheel Stacker & Re	Jaiprakash Associates Ltd.	112.00

AVONE Group - Reference List (Major Projects Only)



Major Projects >=1 Cr

Sl.	Year	Description	Client Name	Value (INR) in Lacs
37	2012	Design, Engineering, Supply of ACB Panels for Wind Turbines	Gujarat Flouro Chemicals Ltd.	105.00
38	2012	Design, Engineering, Supply & E&C of Electricals for Bucket Wheel Stacker & Re	Jaiprakash Associates Ltd.	101.00
39	2011	Design, Engineering, Supply & E&C 33kV HT & LT Electricals on Turnkey Basis	Sonapur Cement Ltd. Nepal	605.00
40	2011	Refurbishment of Electrical System of Duncun Fertilizer Plant	Jaiprakash Associates Ltd.	110.00
41	2010	Design, Engineering & Supply of Electricals for Cement Plant	Chanderpur Works Ltd.	565.00
42	2009	Design, Engineering & Supply of Electricals	Angelique International Ltd.	142.00
43	2009	Design, Engineering & Supply of Electricals for Stacker & Reclaimer	Jaiprakash Associates Ltd.	102.11
44	2007	Design, Engineering & Supply of Electricals for C&S Plant	Sandvik Asia Ltd.	222.00
45	2007	Design, Engineering & Supply of Electricals for Cement Plant	Chanderpur Works Ltd.	116.00
46	2007	Design, Engineering & Supply of Electricals for Stacker & Reclaimer	Jaiprakash Associates Ltd.	107.00

For Complete Reference List, please visit our website.

AVONE Group - Prominent Client

- NTPC
- Ultratech Cement Ltd.
- PDIL
- Indian Oil Corporation
- L&T Ltd
- Delhi Metro Rail Corporation
- Sandvik Asia Pvt. Ltd./Sandvik Middle East FZE
- ABB Ltd.
- Gebr Pfeiffer India Pvt. Ltd.
- KHD Humboldt Wedag India Pvt. Ltd.
- Loesche India Pvt. Ltd
- FLSmidth Pvt Ltd
- Thyssenkrupp
- GE International
- McNally Bharat
- Beumer Group
- Inox Wind Ltd
- Jaguar Overseas Limited
- Lucky Exports

AVONE Group - Prominent Client

- Triveni Engineering
- Jaiprakash Associates Ltd.
- Raj Group of Companies, Dubai
- Sonapur Cement Ltd. Nepal
- JK Tyre Ltd.
- DELTA Drives
- Vijaya Cement
- CASE Group
- Ganpati Cement Ltd.
- Shalimar Cement
- RNB Cement
- Falcon Autotech Pvt. Ltd.
- Hindustan Zinc Ltd.
- Angelique International Ltd.
- United Cement Nepal
- Simplicity Projects Pvt. Ltd.
- Chanderpur Works (I) Pvt. Ltd.

AVONE Group - Prominent Project

Sonapur Cement Plant, Nepal: Design , Engineering, Drawing, supply of substation equipment, transformer and related all auxiliary equipment materials, cables, instrumentation panels and its Installation, Testing Commissioning operation and Handover of Complete Substation and transmission line for 33/0.415 KV Substation, 5 MVA Transformer, and Transmission & Distribution system



AVONE Group - Prominent Project



Sonapur Cement Plant, Nepal



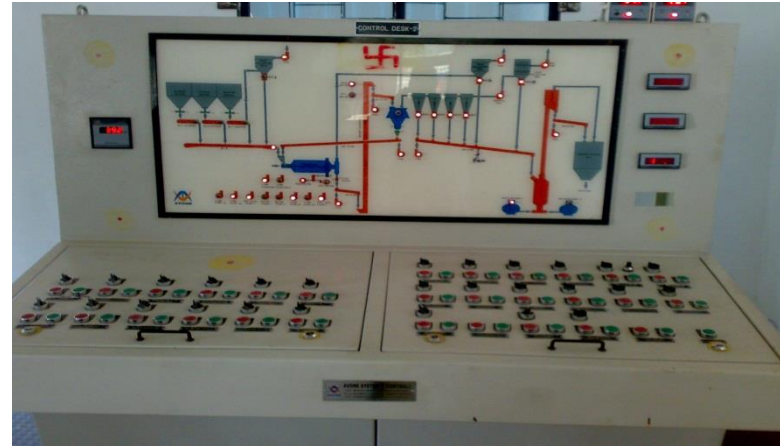
AVONE Group - Prominent Project

RNB Cement Plant, India : Design , Engineering, Drawing, supply of substation equipment, transformer and related all auxiliary equipment materials, cables, instrumentation panels and its Installation, Testing Commissioning operation and Handover of Complete Substation and transmission line for 6.6 / 0.415 KV Substation, 2.5 MVA, 1.6 MVA Transformer

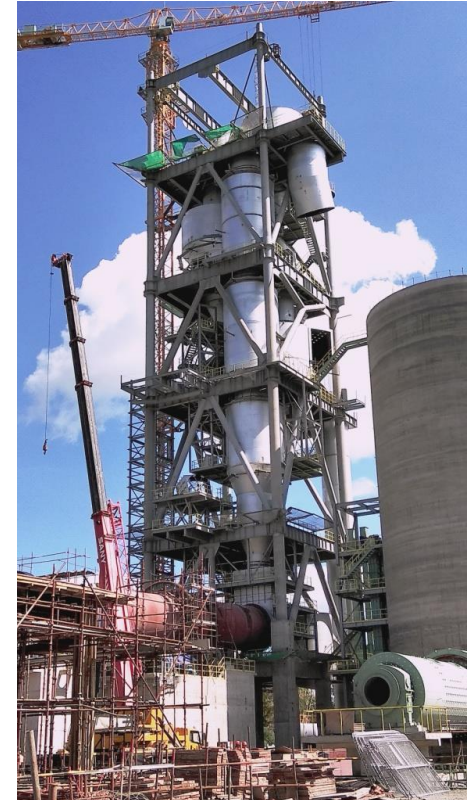
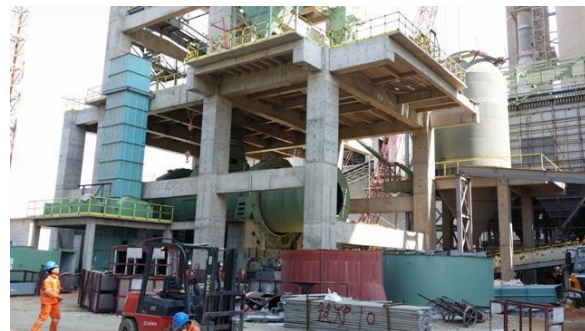


AVONE Group - Prominent Project

RNB Cement Plant, India



Typical Plant Modernization Project



AVONE Group - Reach US @



Registered Office

AVONE System & Controls
F-287, Sector-63,
Noida-201301

AVONE TechSys Pvt. Ltd.
136-A, MIG Pocket-6,
Mayur Vihar Phase-III,
Delhi-110096

Works 1:
F-287, Sector-63,
Noida-201301, U.P, India

Works 2:
Balambu Village Development
Committee, Ward No. 5,
Kathmandu, Nepal

Corporate Office

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Noida-201301, U.P, India
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Nepal Office

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Pvt Ltd
Office: Baba Krishna Plaza, 5th floor,
Tripureshwor, Kathmandu, Nepal

THANK YOU