

ONE STOP SOLUTIONS FOR ROLLING MILLS AND STEEL MAKING



VISION TO REALITY

05 SUSTAIN



04 GROW



03 ACHIEVE



02 CONCEIVE



01 ANALYSE



THE COMBINATION DECODED

RIGHT
PHILOSOPHY

BUILDING TRUST
WITH ALL
EXTERNAL STAKE
HOLDERS

RIGHT EQUIPMENT

RIGHT EXECUTION



TOP SECRET

PROMOTERS



ENG. ISH GUPTA

“Ish is an Engineering Graduate from Regional Engineering College Kurukshetra in 1992. Ish has also been associated with leading institutions like Indian Institution of Engineers, Indian Institution of Valuers and Indian Institution of Arbitration and mediation. “

After Engineering he has a well applauded career in Product Development, Business Development, Consulting, Projects, Operations and Commercial. Ish has been associated with many Premium brands like Larsen & Toubro, Ultratech, Kamdhenu, Essilor, GKB, Havels, Interarch, PPRM.

Ish also has two Start-ups in Herbal health Care and Pharmaceuticals in the name of Caulis Healthcare Private Limited and Liquid Gold Pharmaceuticals Private Limited.



ENG. AMBER SAREEN

Amber Sareen an Engineering Graduate from MDU, Rohtak in 2008. After graduation Amber Worked with M/s Korus Engineering Solutions (pioneers in India for Steel Industry Solutions) under leading leaders of industry.

At Korus he got opportunity to enrich himself with for Design Engineering and Other Project Management Skills for Steel Industry.

There after Joining PPRM Where visionary management gave him an opportunity to enhance his knowledge & skills. In return we get lot of applause & several successful running project.

Further Amber is also appointed as advisor to Board of Directors in Technical Matters by M/S PP Rolling Mills Mfg. Co Pvt Limited, Faridabad.

BUSINESS SOLUTIONS OFFERED



1

ENGINEERING CONSULTING

2

DIAGNOSTIC SERVICES

3

PROJECT CONSOLIDATION

CONSULTING



WORK FLOW

GREEN FIELD / BROWN FIELD PROJECTS

PHASE-V
PERFORMANCE
WITNESS

PHASE-III
DETAILED
ENGINEERING

PHASE-I
PHILOSOPHY
BUILDING



PHASE-IV
ERECTION &
COMMISSIONING

PHASE-II
BASIC ENGINEERING

PHASEWISE DELIVERABLES

1

- Project write-up& Blueprint preparation.
- Selection of technology, Sizing & Specs of Main equipment's.
- Layout Finalization.
- Heat Sequencing, Rolling Scheme, Production Table & Pass design for various products .
- Electric & Power requirements.
- Requirements in of Shed & Buildings with their suggested design.
- Project Implementation Schedule.

2

- Equipment and technology Selection
- Gear ratio Data Sheet, Motor Utilization charts.
- Rolling Schedule & Pass designs
- Motor Power & Torque Chart.
- RFQ creations
- Selection Master vendor lists.
- Technical review and technical comparison
- Taking all suppliers to same platform as per optimal technical philosophy.
- Appraisal of suppliers based on the technical comparison sheets.

PHASEWISE DELIVERABLES

3

Mechanical Engineering :

- BOQ & Specifications for Bought out Items raised after finalization of Stage-2 .
- Reviewing & approving drawings/ data received from the equipment suppliers.
- Civil Assignment drawings.
- Auxiliary Structural Drawings lie maintenance platforms, Cross overs, Railings etc.
- Pulpit design.
- Layout Updates.

3

Electrical engineering :

- Motor & Component list.
- SLD/Automation diagram.
- BOQ & Specifications for Bought out Items after Stage-2
- Reviewing & approving drawings/ data received from the equipment suppliers.
- Electrical Control room design.
- Field Instruments Layout.
- Power cables routing layout, Power cables schedule, Details of cable trays required.
- Earth Pit details.
- Installation specifications

PHASEWISE DELIVERABLES



3

Fluid Engineering :

- Finalization of requirement of water, hydraulics, Lubrication, air, Fuel oil, etc. Single line diagram and P& ID for all circuits.
- Reviewing & approving drawings/ data received from the equipment suppliers. e. Water Complex design.
- Scale Pit Scale Flume Design.
- Detail piping, drawings of air, Water, Hydraulics, Lubrication & fuel oil.
- BOQ & Material Specifications for Piping.



3

Civil Engineering :

- Excavation Drawings.
- Civil Construction Drawings
- Design of Buildings like transformer room, ECR, Control rooms, water Complex, Air Compressor rooms, Fuel Oil Station, Stores, Lubrication Pits, Testing laboratories, etc.

PHASEWISE DELIVERABLES

4

At Project Site :

Supervision of Civil Foundation, Auxiliary Structure building like Pulpit, Maintenance Platforms etc., Mechanical Equipment's Erection. Electrical Equipment's Erection.

Cabling & Its Termination., Equipment's like Pumps, Compressors etc. Supervision of piping of Lubrication, Hydraulics, Air, water & Fuel Oil..

At Vendor Site :

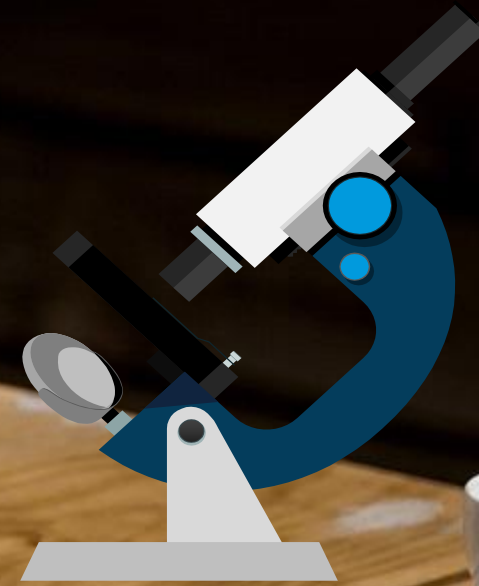
A.Inspection of mechanical Equipment's, Electrical Equipment's, Auxiliary Equipment's..

5

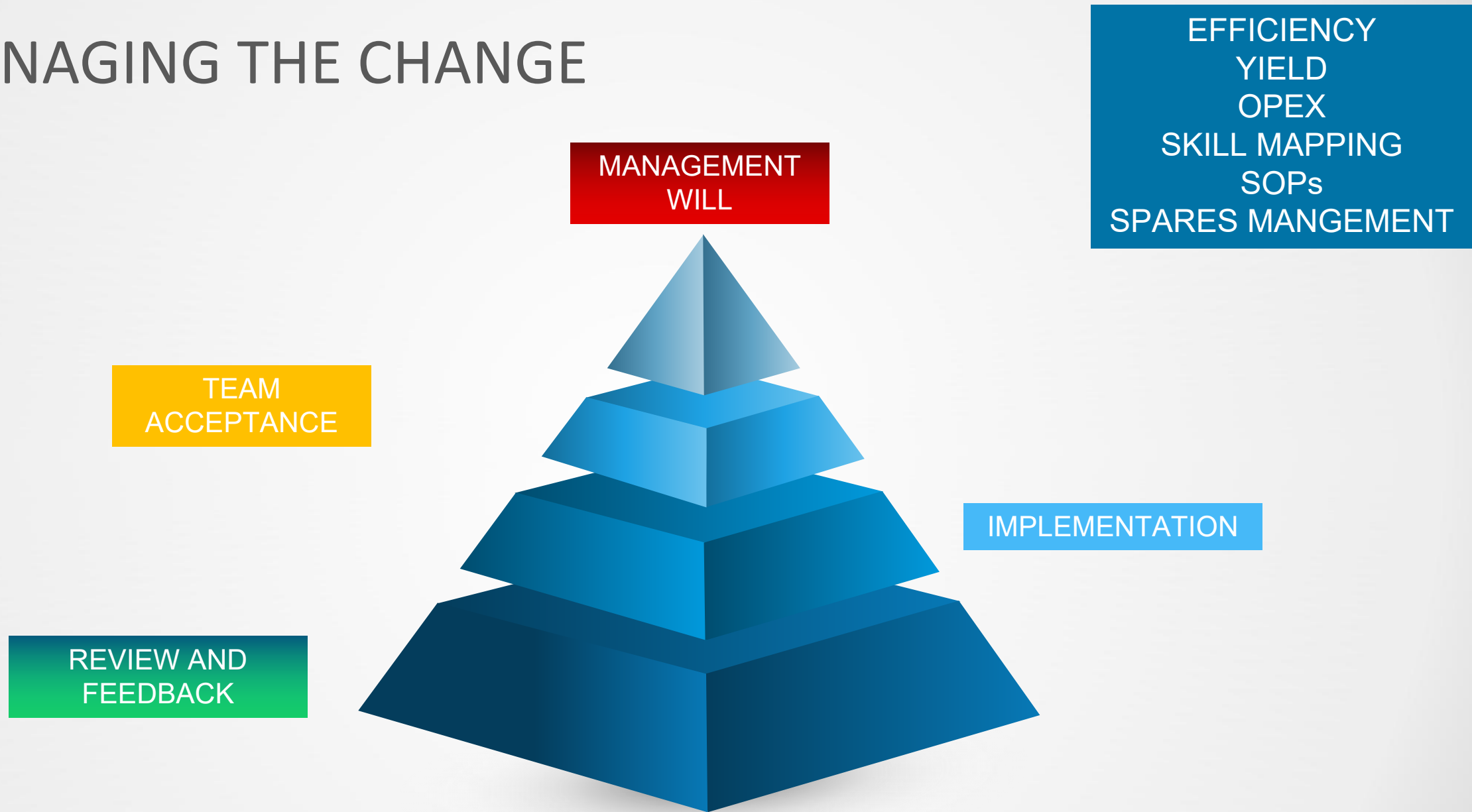
Supervision of Cold Trail of Equipment's

Supervision of Hot Trail of Equipment's

DIAGNOSTICS



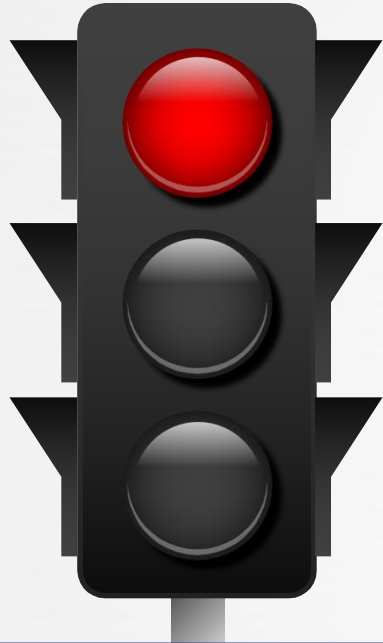
MANAGING THE CHANGE



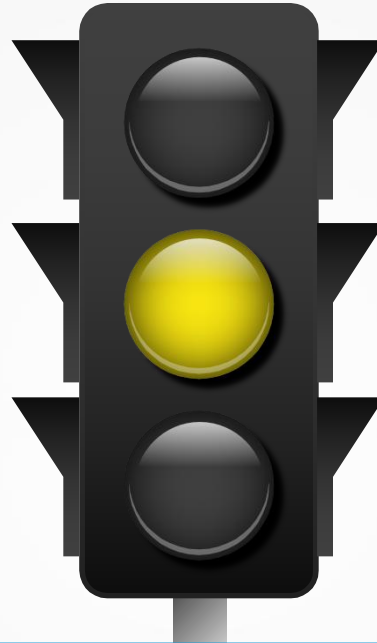
IMPROVEMENT AUDITS



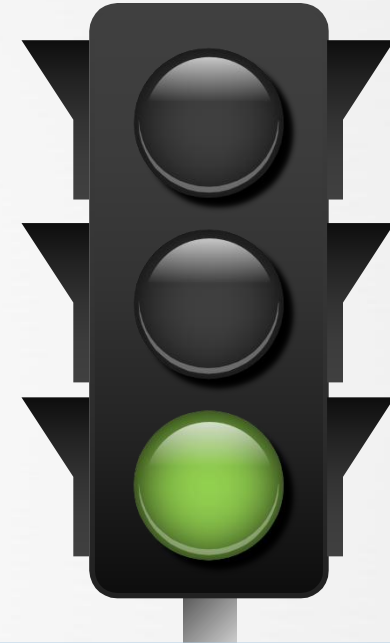
Transformation



LOW EFFICIENCY
LOW YIELD

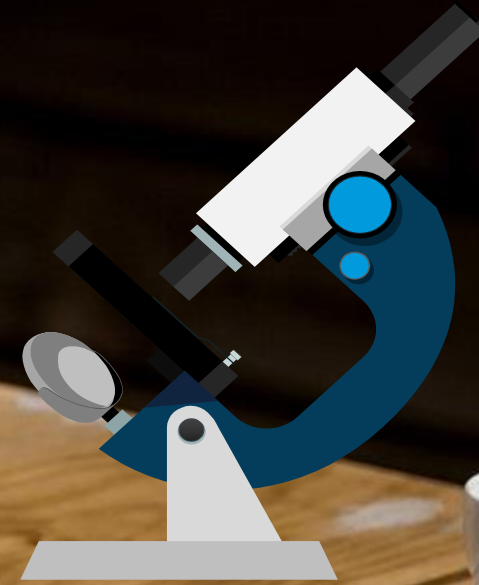


HIGH EFFICIENCY
LOW YIELD



HIGH EFFICIENCY
HIGH YIELD

CONSOLIDATION



ROLE OF TECHNOEDGE IN CONSOLIDATION

CLIENT



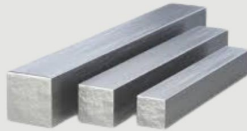
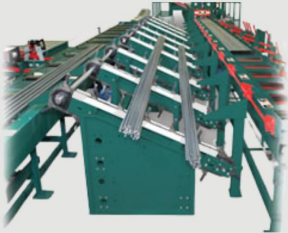
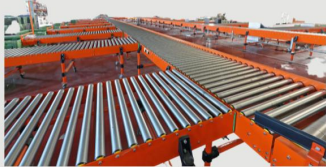
OPTIMAL TECHNOLOGY
RIGHT EQUIPMENT
RIGHT VENDOR
RIGHT PRICE

PROJECT CONSOLIDATION



OUR PRODUCTS

ONE STOP MATERIAL HANDLING SOLUTIONS BY



- DESIGN AND ENGINEERING
- BILLET HANDLING
- FINISHED PRODUCT HANDLING
- EOT CRANES
- ROLLER TABLE
- CHAIN CONVEYORS
- INLINE WEIGHING
- BAR BENDING
- STRAITENING MACHINES
- TYING MACHINES
- COUNTING MACHINES
- PACKING AND MARKING

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LURICATION UNITS

OUR PRODUCTS

ONE STOP ROLL SHOP SOLUTIONS







- ROLL PASS DESIGN
- REBAR
- STRUCTURE
- FLAT
- WIRE ROD
- GROOVE DESIGN
- TEMPLATES
- LAYOUT
- SOP

- NOTCHING AND
- BRANDING MACHINE
- ROLL TURNING LATHE
- WORKSHOP MACHINES
- TC GRINDING MACHINE
- SPECIAL TOOLS
- HSS ROLLS
- TC ROLLS
- SGI, SGA, ADI ROLLS
- BEARING CHOKES
- AIR OIL LUBRICATION
- COUPLING HUBS
- GUIDE SETTING TOOLS
- PORTABLE LASERS
- BEARINGS
- BEARING MOUNTING TOOLS







For Turnkey Solutions

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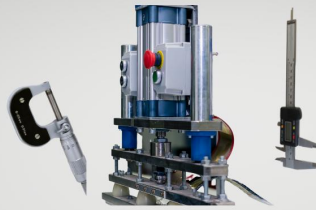





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OUR PRODUCTS

ONE STOP LABORATORY SOLUTIONS



- **DESIGN FOR SPONGE**
- **BILLET**
- **COAL**
- **FINISHED**
- **BATCH TESTING**
- **BULK TESTING**
- **REAL TIME TESTING**



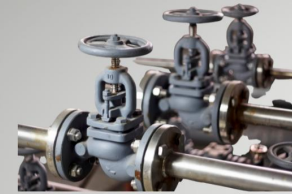
- **TESTING SOP**
- **QUALITY AUDITS**
- **SPECTROMETERS**
- **XRF SOLUTIONS**
- **CHEMICAL LAB**
- **INSTRUMENTS**
- **UTM**
- **EXTENSOMETERS**
- **COMPLETE EQUIPMENT**

For Turnkey Solutions

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ONE STOP WATER COMPLEX SOLUTIONS



- **WATER COMPLEX DESIGN**
- **WATER DEMAND**
- **CIRCULATION DETAILING**
- **WT PLANTS**
- **PUMPING STATIONS**
- **COOLING TOWERS**
- **ALL TYPES OF VALVES**
- **ALL TYPES OF PIPE FITTINGS**
- **SPECIAL PROJECTS**

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CORE SKILLS

- PROJECT MANAGEMENT
- CUSTOMISED EQUIPMENT DESIGN



- HUMAN RESOURCES
- MARKETING



- SUPPLY CHAIN
- SPARES MANAGEMENT
- OPEX/ CAPEX MANAGEMENT
- BUDGETING

PROJECTS SPECIALISED

LONG PRODUCTS

1. STRUCTURE MILLS
2. TMT MILLS
3. WIRE ROD/ GARRET COILER MILLS
4. MERCHANT MILLS

FLAT MILLS

1. NARROW STRIP MILLS
2. WIDE STRIP MILLS

SPECIAL PRODUCTS

1. STAINLESS STEEL MILLS
2. ALLOY MILLS

COLD PROCESS

1. TUBE MILLS
2. WIRE DRAWING, BINDING WIRE, NAILS, CHAIN LINKS, BARBED WIRES, GALVANISED PRODUCTS
3. OPEN PROFILE





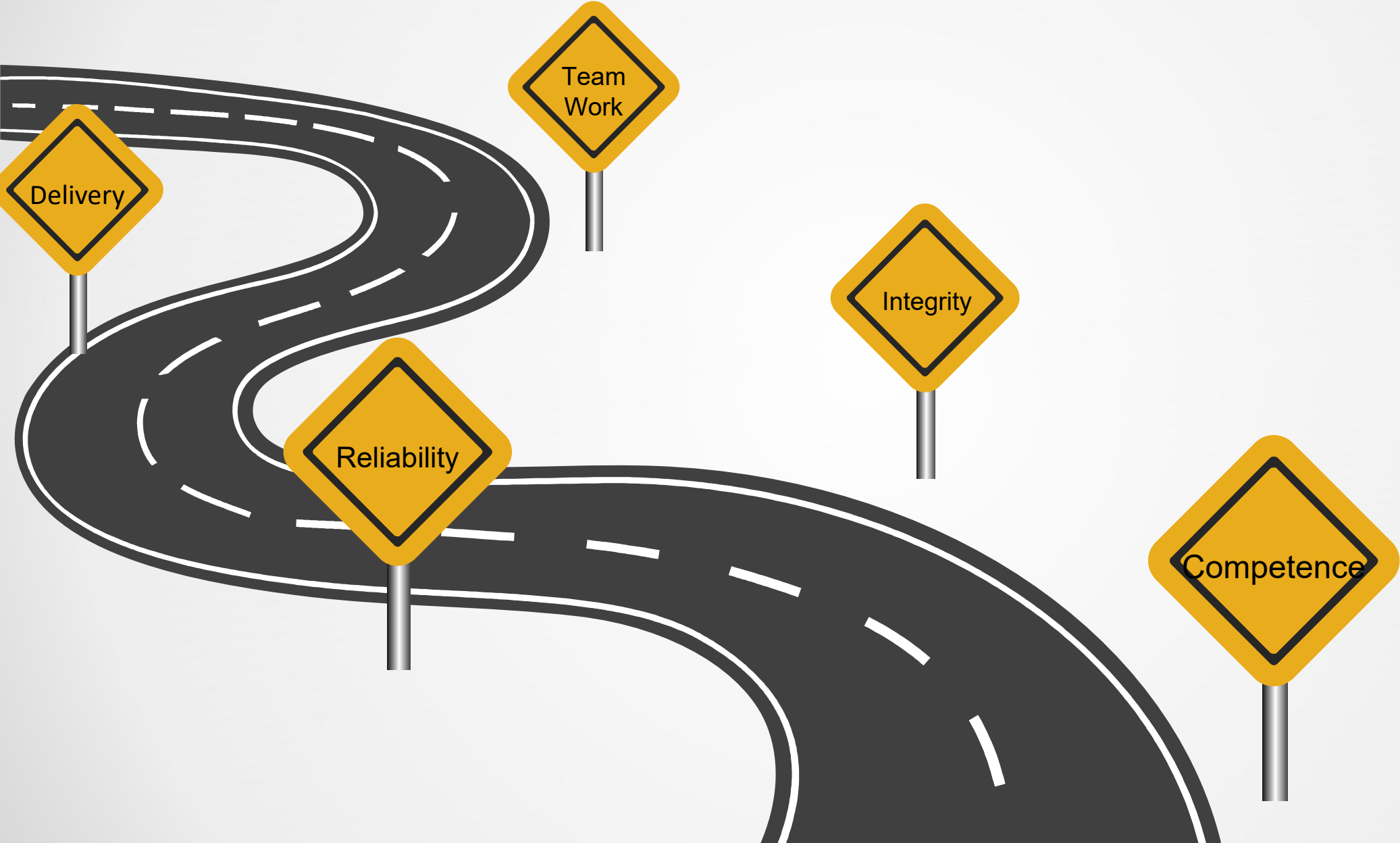
BCG, TURKEY



BHIMESHWARI
GROUP



Roadmap to Success



REACH US AT
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GOOGLE MAP

<https://www.google.co.in/maps/place/SSR+Corporate+Park/data=!4m7!3m6!1s0x390ce75cd87d883b:0xb3bb155f6f80ae39!8m2!3d28.4587098!4d77.3060229!16s%2Fg%2F11dxc6qj52!19sChIJ04h92FznDDkROa6Ab18Vu7M?authuser=0&hl=en&rcik=1>