

THERMOPLASTIC ROAD MARKINGS

ABOUT US



PRISMOLINE was established to make road safer. We are leading manufacture & export of thermoplastic materials. Our rich experience & expertise in thermoplastic, along with advanced thermoplastic formulation, are leading the way to safer traffic on road for road for world's population. we are committed to quality, Safety, Environment & Customers.

Our Quality management system start with quality with assurance testing on all incoming raw materials, entire manufacturing process, and finished product. our quality control system & computerized batch control manufacturing facility delivered an excellent product every time. **PRISMOLINE** is passionate to quality from raw material to application on road by providing expert technical field support.

At **PRISMOLINE** our goal is 100% customer satisfaction. We believe that our success depend only on success of our valued customers.

We believe in producing environment friendly marking and BS materials. At the same time all making match or exceed standard like the **MORTH 803.4** and **BS 36262**.



Dear Sir

Greetings from **PRISMOLINE!!**

Sharda Infrasolutions Pvt Ltd.

A Brief Company Profile.

We introduce ourselves as the manufacturer of Thermoplastic Road Marking paint. **Ours is an ISO 9001:2015 certified company** Which assure our customers a quality product manufactured with latest techniques. Our product is approved and certified by reputed **NATIONAL TEST HOUSE, KOLKATA,**

PRISMOLINE was established in 2015 to make road safer, specialist in Thermoplastic road marking is a trusted name for Quality and Performance and we are leading manufacturer & exporter of thermoplastic material.

Our rich experience & expertise in Thermoplastic, along with advanced Thermoplastic formulation, are leading the way to safer traffic on road for world population. We are committed on **QUALITY SAFETY, ENVIRONMENT & CUSTOMERS.**

In a rapidly changing market we keep pace with new Developments and Innovations in our products to offer materials suitable for conventional and specialized application methods of International standards.

PRISMOLINE is a team of Technical Experts and Specialized Equipment's ensure **Total Quality Assurance** and Performance to the complete satisfaction of our valued customers all over India.

PRISMOLINE is committed to working closely with their valued clients towards achieving the standards of high performance and also we believe in producing environmentally friendly marking materials. At the same time all making match or exceed standard like the **MORTH 803.4& BS 36262.**

We are in the business of Thermoplastic Road Marking Paint from last five Years and have already successfully executed more than 50,00,000 Sqm of jobs all over India on various NHAI road projects, State Highways and City road markings.

WEBSITE:-

<http://www.prismoline.com/>

FACEBOOK LINK:-

www.facebook.com/prismoline/

Thanks & Regard,

Sharda Infrasolutions Pvt Ltd.
(Formerly known as Sharda Genpower Pvt Ltd)



TYPE OF ENTERPRISE	SMALL	MANUFACTURING																				
UDYAM REGISTRATION NUMBER	UDYAM-JH-20-0002772																					
NAME OF ENTERPRISE	M/S SHARDA INFRASOLUTIONS PRIVATE LIMITED																					
SOCIAL CATEGORY OF ENTREPRENEUR	General																					
NAME OF UNITS	<table border="1"> <thead> <tr> <th>SN.</th> <th>Udyog Aadhaar Memorandum</th> <th>Units Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>JH20B0011556</td> <td>SHARDA GENPOWER PVT LTD</td> </tr> </tbody> </table>		SN.	Udyog Aadhaar Memorandum	Units Name	1	JH20B0011556	SHARDA GENPOWER PVT LTD														
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OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <tr> <td>Flat/Door/Block No.</td> <td>195/B</td> <td>Name of Premises/ Building</td> <td>sammreeta</td> </tr> <tr> <td>Village/Town</td> <td>Ranchi</td> <td>Block</td> <td>ranchi</td> </tr> <tr> <td>Road/Street/Lane</td> <td>bariatu</td> <td>City</td> <td>ranchi</td> </tr> <tr> <td>State</td> <td>JHARKHAND</td> <td>District</td> <td>RANCHI , Pin 834009</td> </tr> <tr> <td>Mobile</td> <td>9199968666</td> <td>Email:</td> <td>rishabh@prismoline.com</td> </tr> </table>		Flat/Door/Block No.	195/B	Name of Premises/ Building	sammreeta	Village/Town	Ranchi	Block	ranchi	Road/Street/Lane	bariatu	City	ranchi	State	JHARKHAND	District	RANCHI , Pin 834009	Mobile	9199968666	Email:	rishabh@prismoline.com
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State	JHARKHAND	District	RANCHI , Pin 834009																			
Mobile	9199968666	Email:	rishabh@prismoline.com																			
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	13/12/2009																					
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	01/07/2017																					
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	<table border="1"> <thead> <tr> <th>SN.</th> <th>NIC 2 Digit</th> <th>NIC 4 Digit</th> <th>NIC 5 Digit</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>20 - Manufacture of chemicals and chemical products</td> <td>2022 - Manufacture of paints, varnishes and similar coatings, printing ink and mastics</td> <td>20224 - Manufacture of prepared pigments and other colouring matter of a kind used in the manufacture of paints or by artists or other painters</td> <td>Manufacturing</td> </tr> </tbody> </table>		SN.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity	1	20 - Manufacture of chemicals and chemical products	2022 - Manufacture of paints, varnishes and similar coatings, printing ink and mastics	20224 - Manufacture of prepared pigments and other colouring matter of a kind used in the manufacture of paints or by artists or other painters	Manufacturing										
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DATE OF UDYAM REGISTRATION	12/10/2020																					

Disclaimer: This is computer generated statement, no signature required.
Printed from <https://udyamregistration.gov.in>

For any assistance, you may contact:

1. DIC RANCHI
2. MSME-DI RANCHI

Visit : www.msme.gov.in ; www.dcmsme.gov.in ; www.champions.gov.in



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with the
Ministry of
MSME

PRISMOLINE (MORT&H, 803.4)

RETRO REFLECTIVE HOT MELT THERMOPLASTIC PAINT

TECHNICAL DATA

Colour	White & Golden Yellow
Composition	
Binder M	Min. 18%
Glass beads (Intermix) M	Min. 30%
Aggregates including glass beads, pigment & extender	80 + 2%
Softening Point	Greater than 65°C
Glass Bead (Intermix)	Type /MORT&H/BS 6088A
Yellowness Index (For White) N	Not more than 0.12
Drying time M	Max. 15 minutes
White M	Min. 70%
Yellow M	Min. 50%
Tio2(For White)	Min 10%
Filler(For white)	Max.42%
Flow resistance N	Not more than 25%

GLASS BEADS TECHNICAL SPECIFICATION

CLASS B

31047B006I00

Product Designation

Class B

Product Code SOVITEC

31047B006I00

** CHARACTERISTICS OF GLASS BEADS

1) Particle size distribution

Retained mass

SIEVE - µm	850	600	300	180	Pan
Minimum	0	b	30	10	0
Maximum	5	20	75	30	15

2) Physico-chemical resistance (H₂O - H₂SO₄ - CaCl₂ - Na₂S)

In accordance with BS 6088

3) Quality requirement

Diameter of glass beads (mm)	Maximum weighted percentage of defective glass beads
< 1	20%

4) Refractive index

≥ 1.5

5) Coating type

H

** PACKAGING & MARKING

Packaging : plastic bag 25KG

Markings :

Pallet : 1200kg CP9 T

Shrinkwrap : Yes

** SHELF LIFE

12 months

** USER ADVICE

Read Sovitec technical data sheets

Latest version

24/10/216



A bright experience



sovitec.com



Experience Excellence
In Glass Beads



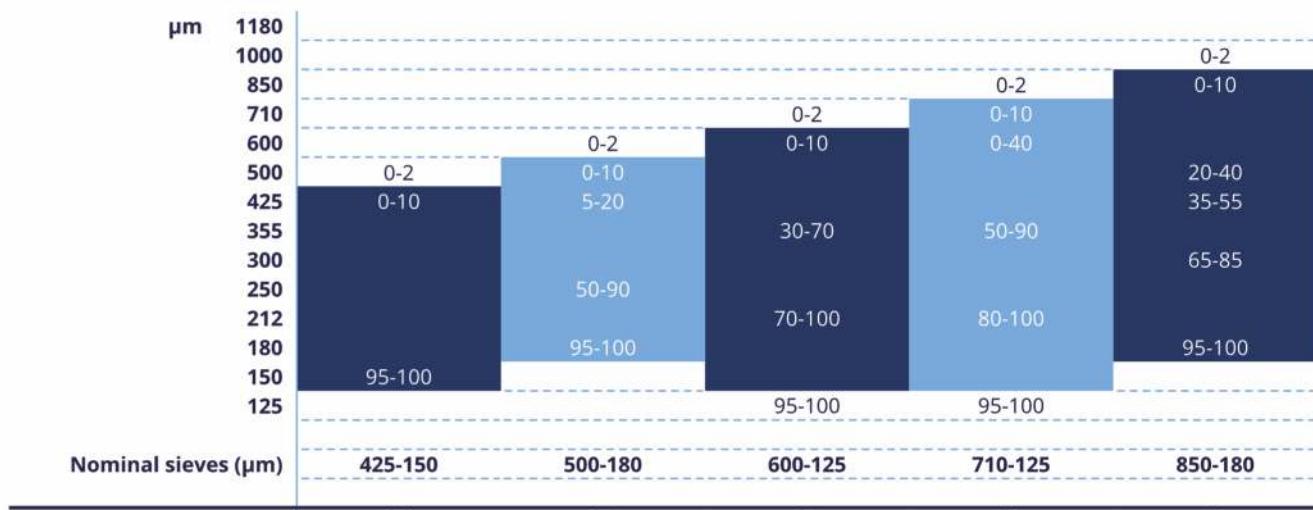
Technical Data Sheet

ROAD MARKING | Drop-On | Echolux® |

Main use | Regular glass beads for drop-on according to EN1423, CE mark |

Chemical composition | Soda lime glass |

Particle size distribution |



Main uses and coatings

(coating name in abbreviations):

Thermoplastic	TRM	TRM	TRM	H	H
Solvent based paints	SBP ECO	SBP ECO	SBP		
Solvent non aromatic paints	SBP ECO	SBP ECO	SBP ECO		
Water-borne paints	WBP	WBP	WBP		WBP
2 components	BCP	BCP	BCP		

- Roundness - quality | > 80% |
- Refractive index | Class A > 1.5 |
- Physical and chemical resistance | in accordance with EN1423 |
- Dangerous substances | Class 1 |
- Labelling - Markings | CE mark according to EN1423 | Benor for Begium | Others standards, contact us |
- Packaging | Many, contact us |
- Shelf Life | 12 months from manufacturing date |
- User advices | Contact us for any questions |



Certificate of Registration

*This is to certify that
The Quality Management System of*

SHARDA INFRASOLUTIONS PVT LTD

**36P, Phase-II, Industrial Area, Tatisilwai,
Ranchi- 835103 Jharkhand**

*has been assessed and found to be in accordance with the
requirements of the management system standard*

ISO 9001:2015

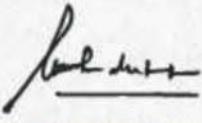
for the following scope :

**Manufacturing & Supply of Prismoline Branded Thermoplastic
Road Marking Compound & Related Products**

CERTIFICATE No. : 20AACE1961Q

ISSUED DATE : 23/11/2020
EXPIRY DATE : 22/11/2023

1ST SURVEILLANCE : 22/10/2021
2ND SURVEILLANCE : 22/10/2022


Managing Director

UAF IS FULL MEMBER OF IAF



Accreditation No - 51812400122
Accredited By United Accreditation Foundation (UAF)
400 North Center Dr, Ste 202 Norfolk, Va 23502,
United States of America (USA)

For BMG Conformity Assessment Services Pvt. Ltd.
C-338, 2nd Floor, Sector-10, Noida-201301, G.B. Nagar, (U.P.)

This Certificate is intellectual Property of BMG and can be maintained through surveillance and renewal audits.
Certificate should be returned to BMG in case of non-compliance of certification procedure.
Authenticity & Status of this certificate can be verified at www.bmgcertification.com or <https://uafcertifiedstatus.org>

Prismoline

recognized by siliconindia Magazine as



An annual listing of '10 Most Promising Road Safety Products Providers' not only represents the glory of companies offering high quality, reliable and durable road safety products, but also recognizes businesses disrupting the market trends.

A handwritten signature in black ink.

Anamika Sahu
Managing Editor

ROAD SAFETY

PUBLISHED FROM BANGALORE

siliconindia

BUSINESS OF INDUSTRY

SILICONINDIA.COM

NOVEMBER, 2019

10 MOST PROMISING ROAD SAFETY PRODUCTS PROVIDERS – 2019

The road safety market size is witnessing a rapid growth owing to the rising need for public security and road safety & improvement in the road infrastructure. According to MarketsandMarkets, the road safety market will grow from \$3 billion in 2019 to \$4.7 billion by 2024, at a CAGR of 9.3 percent during the forecast period. With India's growing road network, increasing urbanization, and rapid motorization, the future of the industry seems bright here.

Traffic safety includes equipment and services that are designed to prevent and reduce the risk of accidents, curb errant vehicles movement, and ensure a safe commute for every individual. Some of the road safety components are guardrails, crash cushions, median barrier, end treatments, breakaway supports for signs and light standards, truck escape ramps, and many more. All of these products and services are already available in the market, but the brimming issue still lies in the low-quality products that vanish overnight post-application. This is the reason why road safety has become one of the major concerns in our country. The ever-growing traffic

on the road requires an operational traffic management system along with reliable road safety system, which can only be materialized if backed by effective traffic and road safety products. Hence, it has become a daunting task to find the right road safety service provider from the pool of industry players.

Addressing this fast-paced and growing industry, siliconindia brings to you '10 Most Promising Road Safety Products Providers - 2019', a directory listing the companies which are offering exemplary services in the industry. An expert panel of the road safety industry, along with siliconindia Editorial Board has performed a diligent evaluation of the industry before listing the front-runners. The companies listed here have distinguished themselves through successful ideation and implementation of practical ideas that complement the market requirements, as well as cater to the end consumer. This listing will assist our readers in selecting well suited and impeccable road safety product providers that will not only help understand the nuances but also help simplify the approach to such companies.

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An annual listing of '10 Most Promising Road Safety Products Providers' not only represents the group of companies offering high quality, reliable and durable road safety products, but also recognizes businesses disrupting the market trends.

Company:

Prismoline

Key Person:

Rishabh Singhania,
Founder

Description:

A manufacturer of Retro reflective Thermoplastic paints & provider of comprehensive Road Safety Solutions known for its quality products and promoting transparent services

Website:

prismoline.com

Prismoline: Providing Comprehensive Road Safety Solutions to Credible Traffic Marking Products

Every year, road accidents in India toll up to one lakh! During monsoons, it creates havoc, counting-in more numbers due to poor road marking and lack of warning signals. Although thermoplastic paints are being used for traffic markings for decades, the road safety audits have been turning a blind eye towards the poor-quality paints, which are responsible for the fading tracks or road demarcations. When eminent paint brands of India were busy in improvising their house décor products, Prismoline sprouted in 2015 as the sole manufacturer, producing quality Retro reflective Thermoplastic road-safety paint with prominent lustre and stability.



Backed by strong technical minds that are well-aware of the industry best practices, Prismoline handholds its customers to strategize best possible outcomes at an affordable price

Rishabh Singhania, Founder, Prismoline, avers, "We endeavored to build brand-trust by delivering the right product at the very first attempt by understanding client's requirement at different sites, rather than promoting the sales volume". Backed by strong technical minds that are well-aware of the industry best practices, Prismoline handholds its customers to strategize best possible outcomes at an affordable price. As evidence to the emphasis it lays on customer satisfaction, Prismoline handholds its customers by supporting them with a 'Defect Liability Period', which enabled Prismoline to gain a prominent foothold in the Indian market.

End-to-End Road Safety Solutions

Reaching its primary target-market niche, Prismoline recognized the industry-need for durable road-safety appliances, which acted as the perfect catalyst to start trading products like crash barriers, road studs, signage and others, as per client needs. Again, in face of the rapidly evolving Indian infrastructure industry, there remains a potential lack of training for product application.



Rishabh Singhania,
Founder

Thus when despite high quality products, the clients failed to acquire desired results due to poor application methodology adopted by the contractors, they turned to Prismoline to supply and apply as well.

Having emerged into a single-window provider that has a bigger take over the road safety market, the company introduced Eastern India's first Automatic Thermoplastic Application machine to ensure a quicker & precise service. Prismoline also imported a portable reflectometer for real-time data recording of retro-reflectivity index and to measure night time visibility of the paint markings, as a quality check regime after application.

Maintaining a strict quality compendium for best products at a reasonable cost, this ISO certified venture obtains the raw materials from certified vendors and performs final sampling from a high-end quality-check facility. No wonder, the company has built a positive market perception within such a short span, which invites more project collaborators to cater from the neighboring states like Bihar, Jharkhand, West Bengal and Assam as well.

Prismoline takes a keen interest in improvising its products at regular intervals upon first hand-data analysis collected from its quality assurance team, and is about to introduce a new product line under the brand name 'Prismolite'. This innovative spirit has enabled the company to experience an impressive cent-percent growth for the past three years. Having participated in Bhutan Construction Expo (2019) and Dubai Gulf Traffic (2018), Prismoline expects another 50 percent growth this year, and aspires to expand its presence to Nepal, Bhutan, African and Gulf Countries soon. ■

दिनांक-19.01.2021 को संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति -सह- मुख्य अधियन्ता, तकनीकी परीक्षक कोषांग, मंत्रिगंडल संविवालय एवं निगरानी विभाग, राँची की अध्यक्षता में अनुसूचित दर निर्धारण समिति के बैठक की कार्यवाही प्रतिवेदन।

स्थान- निरूपण भवन डोरडा, राँची।

उपस्थिति:- संलग्न सूची के अनुसार

1. SOP में वर्णित प्रक्रिया के अनुसार Common item के दर जिसे अनुसूचित दर में Part 'A' के रूप में लिया जाना है उसके सम्बन्ध में बैठक में सर्वसम्मति से यह निर्णय लिया गया कि RCD एवं RWD के Members आपस में विचार-विवरण करके दोनों विभाग के लिए Common items का चयन करेंगे तथा उसे SOR समिति के समक्ष उपस्थित करेंगे। इसी प्रकार यह भी निर्णय लिया गया कि Common items के जो दर BCD एवं DWSD में Common है, उसके सम्बन्ध में BCD एवं DWSD के Members आपस में विचार विवरण करके दोनों विभाग के लिए Common items का चयन करेंगे तथा उसके SOR समिति के समक्ष प्रस्तुत करेंगे।
2. SOP में CP & Overhead Charges को अधिकतम 15 % रखने का निदेश प्राप्त है। इस प्रसंग में समिति द्वारा सर्वसम्मति से 10 % CP एवं 5% Overhead charges को लिये जाने का निर्णय लिया गया।
3. पूर्व में ग्रामीण विकास विभाग (ग्रामीण कार्य मामले) को आवंटित Materials की सूची के अनुसार जो दर RWD एवं RCD दोनों विभाग में Common है उनके 48 अनुशंसित दर पथ निर्माण विभाग द्वारा तथा शेष 100 सामग्रियों का अनुशंसित दर ग्रामीण विकास विभाग (ग्रामीण कार्य मामले) के द्वारा उपलब्ध कराये जाने का निर्णय लिया गया।
4. प्राप्त अभ्यावेदन के आलोक में निम्नलिखित उत्पादकों को पारदर्शिता एवं सामग्री के प्रचुर उपलब्धता के ध्यान में रखते हुए झारखण्ड राज्य में Bitumen, Emulsion, Road Marking एवं पिच रोड से संबंधित सामग्री की आपूर्ति के लिए सूचीबद्ध किया जाता है।

SHARDA INFRASOLUTIONS PRIVATE LIMITED

5. सभी कार्य विभागों द्वारा अपने-अपने विभागों के दर पुस्तिका में प्रकाशित किये जाने हेतु प्रस्तावना को दिनांक-21.01.2021 तक तैयार कर उपलब्ध कराये जाने हेतु निर्णय लिया गया।

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- मुख्य अधियन्ता, उर्जा विभाग,
झारखण्ड, राँची।

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- मुख्य अधियन्ता, जल राजाधन
विभाग, झारखण्ड, राँची।

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अधियंता प्रमुख भवन निर्माण
विभाग, झारखण्ड, राँची।

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- मुख्य अधियन्ता, ग्रामीण विकास
विभाग झारखण्ड, राँची।

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- मुख्य अधियन्ता, पेटजल एवं
स्वच्छता विभाग, झारखण्ड, राँची।

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- मुख्य अधियन्ता, ग्रामीण वर्ग
विभाग, झारखण्ड, राँची।

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- मुख्य अधियन्ता, ग्रामीण वर्ग
विभाग, झारखण्ड, राँची।

रायोजक, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- मुख्य अधियन्ता, तकनीकी परीक्षक
कोषांग, मंत्रिगंडल संविवालय एवं निगरानी विभाग
(निगरानी) झारखण्ड, राँची।

TES

T
E
S

Theme Engineering Services Pvt. Ltd.
Surya Mandir Colony, Onepurbi, Barhi,
Distt- Hazaribagh-825405, Jharkhand
Email: barhittheme@gmail.com
CIN: U74210RJ2002PTC017485

Theme/Chordaha-Gorhar/JII/NII-2/2023/1640

Dated 11th July, 2023

To,
Authorised Signatory,
Reliance Infrastructure Limited,
EPC Division
2nd Floor, Reliance Centre
Off. Western Express Highway Santa Cruz (E)
Mumbai – 400055 India.

Sub: - Consultancy services for Authority Engineer for supervision of Six Laning of Bihar/Jharkhand Border (Chordaha) To (Gorhar) Section of NII-2 from Km. 249.525 to Km.320.810 in the State of Jharkhand Under NHDP Phase V On EPC Mode. **Reg:** - Submission of Credentials and Profile for Source Approval of the Thermoplastic Road Marking Paint 'PRISMOLINE'.

Ref:- EPC Contractor letter no. RINFRA/ROAD/NHBIG/2023/SITE/1728 Dated 30.06.2023.

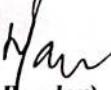
Dear Sir,

The EPC Contractor has submitted Profile of Thermoplastic Road Marking from M/s Prismoline. We have reviewed it and have following observation:-

1. The Credential submitted by the manufacturer is from various NHAI Projects/ State Govt. and is found to be in order.
2. The ISO 9001:2015 Certificate is valid till 22.11.2023.

Based on the submitted documents the profile is approved subject to submission of test report of Road Marking and glass beads as per Clause 803.4 & 803.6.4 of MORT&H supplied at site.

Thanking you,
Yours sincerely,


(Neelesh Handey)
Team Leader cum Senior Highway Engineer

Copy to: - Project Director, NHAI Hazaribagh.

Theme Engineering Services Pvt. Ltd.

B-24, Gokul Vatika, Jawahar Circle, Jaipur-302018 (Raj.), +91-141-2724495-97,
Fax: +91-141-2724491, Email: theme@themeengineering.com



**Technocrats Advisory Services
Private Limited.**

CINNo.U74999DL2014PTC274060

**Site Office: TASPL,
C/o Shankar Pradhan,
Near Zydus Pharmaceuticals Pvt. Ltd.,
Baghey Khola, Majitar,
East Sikkim-737136
Email:taspl.sikkim@gmail.com**

Letter No.: - TASPL/TL/2023-24/ 2379

Date: - 02.06.2023

To
The Project Manager
VKJ-NSPR(JV)
C/O Mahesh Nepul, Lower Tarku
Near Kali Mandir, South Sikkim 737134

Sub:- Construction of 2 lane with paved shoulder including geometric improvement from Km 000+000 to 16+000 of stretch Singtam – Tarku of NH – 510 on EPC basis under SARDP – NE Phase "A" in the state of Sikkim. Reg.: Approval of Credential of Thermoplastic Road Marking compound brand named "M/s Prismoline" for Source Approval

Ref:- VKJ-NSPR/NHIDCL/Singtam-Tarku/1308, dated 26.05.2023

Dear Sir,

With reference to your letter no as mentioned above, regarding above subjected job for kind perusal and approval.

In this regard AE perused credential and found satisfactory according to the norms of MoRTH & H Clause 803.4, Table 800-9 and IRC35, with the prior instruction of hot applied Thermoplastic compound 2.5mm thick, reflect rising glass beads @ 250gms per sq mtrs, thickness of 2.5mm. The finished surface to be level, uniform and free from streaks and holes.

Hence, Thermoplastic paint, M/s. Prismoline, satisfied the IS standards norms and clauses is hereby approved.

MTC & Third party test report shall be submit in theme office during Marking period.
Thanking you with regards,

[Signature]
**Perwani Aman
Technocrats Advisory Services Pvt. Ltd.
(Resident Engineer)**

Copy to:

1. General Manager (PMU), Ranipool, East Sikkim - 737101
2. TASPL Head Office, New Delhi. - for your kind information please

THEME/Koderma - Meghatari/JH/NH-31/2021/01

Dated 13th September, 2021

To,
Amitabh Construction Pvt. Ltd.
P.O. - Koderma – 825410,
Distt. Koderma (Jharkhand).

Sub: - Repair and Maintenance of Koderma to Meghatari (Jharkhand - Bihar Border) section of NH-31 from km 27+700 to 47+700 in State of Jharkhand. **Reg:** - Submission for the Source Approval of Thermoplastic Road Marking.

Ref: - EPC Contractor letter no. ACPL/NHAI/2021/008 Dated 26.08.2021

Dear Sir,

In Reference to above cited subject matter, we have reviewed the profile and credential of M/s Prismoline Road Marking and found it to be ok for the supply of thermo plastic compound including reflectorising glass beads, subjected to its test report confirming to specification.

The Thermoplastic road marking & reflectorising glass beads (Type-2) should compliance with clause of 803.4 & 803.6.4 of MORTH specifications.

Hence Approval of M/s Prismoline Road Marking is accorded.

MTC & Third party test Report shall be submit in Theme office during Marking period.

This is for your kind information and further necessary action please.

Thanking you,
Yours sincerely,

(Neelesh Pandey)

Team Leader cum Senior Highway Engineer
Copy to: - Project Director, NHAI Hazaribagh.

Theme Engineering Services Pvt. Ltd.

B-24, Gokul Vatika, Jawahar Circle, Jaipur-302018 (Raj.), +91-141-2724495-97,
Fax: +91-141-2724491, Email: theme@themeengineering.com



LION ENGINEERING CONSULTANTS PVT. LTD

"Contributing in Building the infrastructure of the Nation"

CIN No.: U74999MP2020PTC050788
Authority's Engineers Office :
C/o- Baban Gupta, House no. 231,
Kasturi Niwash, Devangna Chowk,
Korrah, Hazaribagh - 825301
Email: lecjhazaribagh@gmail.com

Ref: LEC/TL/EPC/NH-33/AE0516/2020- 1283

Date: 09-01-2021

To,
Authorized Representative,
Ramky Infrastructure Limited
Barhi -Hazaribagh Project of NH -33
Hazaribagh-825301

Subject:- Four Laning of Barhi- Hazaribagh section of NH-33 (from Km 0+000 to Km 40+500) in the state of Jharkhand under NHDP phase III on EPC Mode :- " M/S Sharda Infrasolution Pvt Ltd for thermo plastic road marking". Reg.

- Ref:- 1. Ramky letter no- Ramky/JH/NHAI/NH-33/1223, dated-16-12-2020
2. Ramky letter no- Ramky/JH/NHAI/NH-33/1201, dated-30-11-2020
3. Our letter no- LEC/TL/EPC/NH-33/AE0516/2020/1263, dated-10-12-2020

Dear Sir,

With reference to the above referred letter in s.no-1. you have submitted M.T.C of material used in thermoplastic road marking for approval along with the credential of M/S Sharda Infrasolution Pvt Ltd for thermo plastic road marking.

This office has reviewed credential and MTC of M/S Shards Infrasolutions Pvt Ltd. submitted by you and found in order.

This is for your kind information and record.

Thanking you.

For Lion Engineering Consultants in Association with
M/S Synergy Engineers Group Pvt. Ltd.

(R.R.V.P Singh)

Acting Team Leader

Copy for information only:

1. Project Director NHAI, PIU,Hazaribagh
2. Authority's Engineer, HO.

GOVT. OF ASSAM
OFFICE OF THE SUPERINTENDING ENGINEER: P.W.D. : GUWAHATI N. H. CIRCLE
CHANDMARI, GUWAHATI-3

No. GNHC/43/2018/

Dated Guwahati the.....

To,

The Chief Engineer, P.W.D.(NH Works)
Assam, Chandmari, Guwahati-3

Sub:- Approval of prismoline brand of Thermoplastic Road Marking material.

Ref:- Sharda Genpower Pvt. Ltd.'s letter No. Nil, dtd.22/07/2019.

Sir,

In compliance to the Office Order No.NHR.35/2017/49, dtd.22nd May/2018 of C.E., PWD(NH Works), the company Sharda Genpower Pvt. Ltd manufacturer of prismoline brand of Thermoplastic Road Marking material used by our Empanelled applicator namely M/s Risha Infrastructure is found satisfactory from quality point of view and the performance is very good.

As such it is recommended to approve the Brand for enlistment under empanelled for the year 2019-20.

Yours faithfully

Sd/-

(J. C. Nath)

Superintending Engineer, P.W.D.
N.H. Circle Guwahati, Chandmari, Guwahati-3

Memo No. GNHC/43/2018/

Dated Guwahati the.....

Copy to:- Sharda Genpower Pvt. Ltd for information.

O/H.

(J.C. Nath)

Superintending Engineer, P.W.D.
N.H. Circle Guwahati, Chandmari, Guwahati-3

*B
01-08-17*



Louis Berger

Ref. No. LBG/TL/BON/Simplex/AS-12 Bal.work/MAT/VOL-II/ 4323
March 16, 2019

To
The Authorized Signatory
M/s. Simplex Infrastructures Limited
Danwpara Site, Santal Colony,
(Near Shreerampur gate)
Gosaigaon, Dist : Kokrajhar
Pin : 783361, Assam

Kind Attention : Ms. Deoptara Dutta, CPM, SIL.

Name of the Work: Balance work of widening and strengthening of existing NH from 2 lane to 4 lane from Km.30.00 to Km. 00.00 of Bijini to Assam/West Bengal Border Section of NH-31C in Assam on East West corridor under Phase II programme of NHDPL on item Rate Mode Construction Contract AS-12(Bal.)-(Contract Package EW-II- (AS-12))

Subject : Approval of Thermoplastic Road Marking and Reflectorizing Glass Beads

Ref : SIL/AS-12/C3220/0406 dt. 04.03.2019

Dear Madam,

With reference to your above referred letter regarding source approval as cited subject, we have scrutinized and found M/s. RISH Infrastructure is the authorized applicator of 'M/s. PRISMOLINE' Road Marking material. We approve M/s. RISHA Infrastructure as an applicator of Thermoplastic road marking with the following terms and conditions.

The Thermoplastic road marking and reflectorizing glass beads should confirm the following specification.

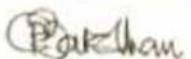
- 1) Compliance with Clause 803.4 of MORT&H specification for hot applied Thermoplastic Road marking material and Clause 803.6.4 of MORT&H specification for reflectorizing glass beads (type 21 and Road marking).
- 2) The thickness of the thermoplastic paint marking should be as per Clause 803.8.4.2 of MORT&H Revision-V specification.
- 3) Measurement for payment of Pavement marking shall in accordance with MORT&H Revision-V specifications.
- 4) Manufacturer's test certificates for each lot shall be obtained and verified for compliance.
- 5) Testing of material at site by Independent laboratory is mandatory before its use.
- 6) Assurance of satisfactory performance of the thermoplastic road marking material by doing a trial lay at site for its assessment.
- 7) Inspection of equipments, observation of trial lay using the same equipment and assurance of satisfactory performance of the thermoplastic road marking material in the term of brightness and longevity of the marks.
- 8) Road marking shall be carried out on the basis of approved drawing and as per instruction of Engineer.

The approval shall be withdrawn in non-compliance of the above conditions prevails.

With regards,

Yours truly,

For the Louis Berger Group, Inc. USA



(P.C. Bardhan)
Acting Team Leader

Copy to: Project Director, PIU, NHAI, Bongaigaon for kind information
Resident Engineer, LBG, AS-12, Barobisha for information
Highway cum Pavement Engineer, LBG, AS-12, Barobisha for information and necessary action

Project Off.: Dolaigaon (Magara), P.O. & Dist - Bongaigaon : Assam : India : 783380 | Tel: +91-03664-236836 | E-mail ID: bq189@louisberger.com
Head Office: Plot no-3, 5th Floor Tower-B, Sunnder Jakhri Bhawan (IFFCO), Sector 32, Gurgaon, Haryana, India : 122001 | Tel: +91-124-4578200 |



Theme Engineering Services Pvt. Ltd.

T
E
S

C/o Mr. Jeetu Singh Sodha S/o Shri Mukan Singh Sodha Sodha Complex, Flat No.41, 42, 3rd Floor, Bakhasar Road, Sedwa, Teh.-Sedwa, Distt.-Barmer-344706, Rajasthan
Email Id:gagariatheme@gmail.com

TES/BM/P-8/GHV/2018-19/305

Date 04.11.2019

To,
Authorized Signatory
M/s GHV (India) Pvt. Ltd.
412, City Center, Mahaveer Nagar
Barmer (Rajasthan)- 344001

Subject:-Consultancy Services For Authority's Engineers for Supervision of UP- gradation to 2 Lane with paved shoulder/4 Lane of Gagaria-Baori-Kalan-Serwa-Bakhasar Section of NH-925 (Design Chainage 0+000 to 136+520) and Sata- Ghandav section of NH-925A(Design Chainage 0+000 to 60+450) (Total Length 196.97 km) under Bharatmala Pariyojna in the State of Rajasthan on EPC mode- Reg . Submission for the Source Approval of Thermoplastic Road Marking.

Ref:-GHV/EPC/PM/TL/P-8/187, Dated 25.09.2019

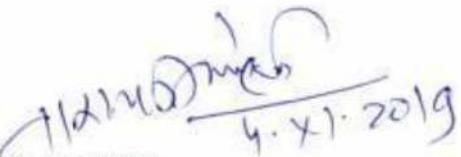
Dear Sir,

In Reference to above cited subject matter, we have reviewed the profile and credential of **M/s Prismoline** Road Marking and found it to be ok for the supply of thermo plastic compound including reflectorising glass beads, subjected to its test report confirming to specification.

The Thermoplastic road marking & reflectorising glass beads (Type-2) should compliance with clause of 803.4 & 803.6.4 of MoRTH specifications.

Hence Approval of **M/s Prismoline** Road Marking may be accorded.
MTC & Third party test Report shall be submit in Theme office during Marking period.

This is for your kind information and further necessary action please.



4.11.2019
(Tara Chand Jatol)
Team Leader cum Sr. Highway Engineer
Gagaria-Serwa-Bakasbar, Sata-Ghandav Project
Bharatmala Pariyojna (P-08)
Barmer 344001

CC to

1. The Project Director, NHAI PIU Barmer, for information and necessary action.
2. Shri D.C. Katara -President and Senior Consultant , Theme Engineering Services Pvt.Ltd. Jaipur.

AYO/CSC/PITH/SHAJ/01/2017-18/369

Date: 08.11.2019

To,
M/S. Rajbir Construction Pvt. Ltd.
614, Hariom Tower,
Commercial Complex,
Circular Road, Lalpur, Ranchi.

Sub: - Improvement and Up-gradation to 2- lane/ 2- lane with paved shoulders of Pithoria – Thakurgaon – Burmu – Raikhelari Road (Total Length – 37.00 KM) including construction of Bridges & Culverts.
-Source Approval for the Thermoplastic Compound for Road marking (M/s Prismoline):-
Reg.

Ref.: RCPL/PITH/AYO/2017-18/338

-dated 07.11.2019

Dear Sir,

This is with reference to above cited subject. We have reviewed the profile and credential of M/s Prismoline and found to be capable of supplying the Thermoplastic Compound including reflectorizing glass beads and approval is hereby accorded subject to following conditions :

1. Compliance with clause 803.4 of MORT&H specifications for hot applied Thermoplastic Compound and clause 803.4.2 of MORT&H specifications for reflectorizing glass beads and road marking.
2. The thickness of the Thermoplastic paint marking should be as per clause 803.8.4.2 of MORT&H specifications.
3. MTC for each lot shall be obtained and verified for compliance.
4. Third party testing shall be mandatory prior to use of materials.
5. The satisfactory performance of Thermoplastic paint marking shall be evaluated by conducting a trial length.

The approval shall be withdrawn in non-compliance of the above said conditions.

Thanking you.

Yours Sincerely,

Ashish Sinha
Team Leader
Pithoria-Raikhelari.



CONSTRUCTION SUPERVISION CONSULTANT (CSC)
STATE HIGHWAYS AUTHORITY OF JHARKHAND
Eptisa Servicios de Ingenieria, S.L.

Widening and Strengthening of Thethaitanger -Bolba- Kersai- Kinkel road (MDR-041) (Length-57.9Km)

Letter No. : Eptisa/Shaj/Barbrik/MDR041/19/186

Date: 09.03.2019

To,

Authorized Representative,

M/s Barbrik Project Limited

H/O Ansar Ahmed, Bhatitoli simdega

Thana no.- 116, Near Medina Magshid

Road, Bhatitoli, Simdega.

Sub: "Widening, Strengthening of Thethaitangar-Bolba-Kersai-Kinkel Road (MDR-041) Length-57.9 Km. including Construction of Bridges and Culverts in Simdega district"- Approval of source for thermo plastic compound including reflectorising glass beads (M/s Prismoline)

Ref:- BPL/MDR-041/2018-2019/319, dated. 08.03.2019

Dear Sir,

With reference to subject matter cited above, we have reviewed the profile and credential of " M/s Prismoline " and found it to be ok for the supply of thermo plastic compound including reflectorising glass beads subjected to its test report confirming to specifications.

Thanking you

Yours truly

R.K.Sinha
Team Leader
Eptisa Servicios de Ingenieria, S.L

Cc: - M/S Prismoline,

PRA INDIA PRIVATE LIMITED

PRA HOUSE,NEAR UDYOG BHAWAN, TELIBANDHA,RAIPUR RAIPUR (CG) - 492004

REG. OFFICE : PRA HOUSE,NEAR UDYOG BHAWAN, TELIBANDHA RAIPUR (CG) - CIN NO. U45203CT2019PTC009190

To,
**M/s SHARDA INFRASOLUTIONS PRIVATE
LIMITED**
 PHASE- II, 36P, INDUSTRIAL AREA, TATISILWAI, **PURCHASE ORDER**
 Ranchi,
 Jharkhand, 835103
 RANCHI-835103
 PH. 8229801483,8229801483
 GST NO.:20AAPCS1562H1ZG
 Party state : JHARKHAND
 PAN No. AAPCS1562H

Order No.:333-175
 Order Date : 30/06/2023 05:13:00
 Delivery Date : 07/07/2023
 Indent No. : 333-175
 Indent Date : 30/06/2023
 PO For : GOLA-ORMANJHI SITE
 Quotation No: BY WHATSAPP
 Quotation Date: 28-06-2023
 Quotation By:

Please supply the undermentioned material(s)/subject to the conditions herein below.

Sr.	Code	Items	HSN Code	Qty.	Unit	Rate	Disc Rate/Amt.	Taxable Amt.	CGST	SGST / UTGST	IGST
								Rate/Amt.	Rate/Amt.	Rate/Amt.	Rate/Amt.
1	18038	ROAD SIGN BOARD - SIZE - 1200 MM X 900 MM WITH BACK FRAME & POST[BOARD NAME - AS PER SITE DRAWING ACP SHEET THICKNESS - 4MM MAKE - 3M RECTRO REFLECTIVE TAPE - TYPE - IV ANGLE - 75 X 75 X 5MM POST PIPE - 75MM OD]	39199090	5.0000	NOS		0				
2	18037	ROAD SIGN BOARD - SIZE - 800 MM X 600 MM WITH BACK FRAME & POST[BOARD NAME - AS PER SITE DRAWING ACP SHEET THICKNESS - 4MM MAKE - 3M RECTRO REFLECTIVE TAPE - TYPE - IV ANGLE - 75 X 75 X 5MM POST PIPE - 75MM OD]	39199090	10.0000	NOS		0				
Total				15							
						Total					
						GST Amount					
						Round Off					
Rupees: SIXTY FOUR THOUSAND SIXTY TWO ONLY											

Billing Address:

PRA INDIA PRIVATE LIMITED
 FLAT NO 901 BLOCK C,EKLAVYA TOWER ,PUNDAG,KATHAL
 MORE ROAD ,ARGORA RANCHI JHARKHAND
 City Name : ORMANJHI 834004
 State Name : JHARKHAND
 GST No. : 20AAKCP4877D1ZG

Delivery/ Shipping Address:

PRA INDIA PRIVATE LIMITED
 333 (100 %)
 Gola-Ormanjhi Road Project
 Village:-Kulhi
 Post:-POTAM DAGA
 District:-Ramghar
 Pin Code:-825101
 State:-Jharkhand-
 Mobile no. 8434447406
 Cont. RAJU RANJAN KUMAR
 City Name : ORMANJHI
 State Name : JHARKHAND
 GST NO. :20AAKCP4877D1ZG

Remark :

Terms & Conditions:



Ref No:VKJ/Sikkim/NH-510/2022-23/099

Dated:-02.05.2023

To,
Sharda Infrasolutions Pvt.Ltd.
Registered Office:-36(P), Phase II
Industril Area, Tatisilwai,
Ranchi:-835103
CIN NO-U24100 JH201OPTCO14546

Sub: Construction of 2-lane with paved shoulder including Geometric improvement for 0+000 to km 16+000 of stretch of Singtam –Tarku of NH 510 on EPC Basis under SARDP-NE phase "A" in the State Sikkim (Work Order for Supply of Signages)

Dear Sir,

With reference to your revised offer and discussions, Sharda Infrasolutions Pvt.Ltd is pleased to place this supply work order as per scope of work, specifications, prices, and terms & conditions given below for the captioned work:

1.0 Scope of Work: The scope of work comprises the following:

- 1.1 Submission of proposal for individual signs to approval of M/S Vinod Kumar Jain / Consultants.
- 1.2 Manufacture of signages excluding the support structures as per Standards.
- 1.3 Supply of Traffic signs made as per IRC 67-2012 with 3M ASTM type XI retro reflective sheeting on 4mm thick ACP Sheet as per IRC 67-2012.

2.0 Specifications

- 2.1 The specifications shall be in full conformity with the latest applicable of the following standards & Codes of Practice irrespective of the year mentioned against each:
- 2.2 Sections 801: Traffic Signs as per MORT&H specifications revision "5",
- 2.3 IRC: 67-2012: Code of Practice for Road Signs (1 Revision)
- 2.4 IRC:2-1968: Route Marker signs for National Highways (1" Revision)
- 2.5 IRC: 93-1985: Guidelines on Design and Installation of Road Traffic Signals.
- 2.6 IRC: SP: 31-1986: New Traffic Signs, MoRT&H (Road Wing) Handbook on Road Construction Machinery (1985).
- 2.7 IRC: 30-1968: Standard letters and numerals of different heights for use on Highway signs.

In addition to the above, the particular specifications as below shall also be complied with:

All micro prismatic retro reflective sheeting shall be 4mm thick ACP sheet.

We Construct Relationship

OFFICE : **JASHPUR** : College Road, Jashpurnagar - 496331 - Chhattisgarh, Ph. : +91-7763-223456, 220412

RAIPUR : A-3, Jeevan Vihar, Opp. VIP Chowk, Telibandha, Raipur - 492006 - C.G., Ph. : +91-771-4006200 - 12

Email : vinodkmrjain@gmail.com, vinodkmr_jain@yahoo.com, Visit us : www.nigerseedindia.com

02/05/2023



All borders, letters and background of signages shall be of high intensity grade, 3M make.

Specifications of the reflective sheeting. Type XI micro prismatic retro- reflective.

3.0 Prices These rates are excluding of GST.

Sl No	Description	No of Pcs	Rate/Each	Total
1	Flag Type Direction Sign(862x1600)	8		
2	Hazard Markers Right(900x300)	104		
3	Hazard Markers Lift(900x300)	104		
4	Left Harpin Bend(900)	10		
5	Left Hand Curve(900)	25		
6	Right Hand Curve(900)	23		
7	Left Reverse Bend(900)	10		
8	Maximum Speed Limit(600)	52		
9	National Highway Route Marker(600x450)	9		
10	Overtaking Prohibited(600)	52		
11	Single Chevron Signs on Pole (600x500)	610		
12	Series of Bends(900)	9		
13	Side Road Left(900)	5		
14	Side Road Right(900)	4		
15	Right Hairpin Bend(900)	7		
16	Stop Sign(900 Octagonal)	3		
17	Direction Sign(1200x1800)	2		
18	Speed Breaker(900)	3		
19	Slogan Board(800x800)	14		
Total>>>>		1664		

The prices include the following:

- 3.1 Manufacturing/Packing & Supply of Material (ACP Sheet Board Excluding Post & Frame) at Singtam-Tarku Road Sikkim.
- 3.2 Labour Arrangement and Supervision of works for Fixing of Boards(Rate for Fixing shall be Pay Extra)
- 3.3 Watch & ward upto the time of handing over of signages
- 3.4 All taxes (Excluding GST), duties, levies, royalties, cess, etc.
- 3.5 Contractor's profits, overheads, contingencies, etc.
- 3.6 Quantities

*Sunil
02/03/2023*

We Construct Relationship

OFFICE : JASHPUR : College Road, Jashpuragar - 496331 - Chhattisgarh, Ph. : +91-7763-223456, 220412

RAIPUR : A-3, Jeevan Vihar, Opp. VIP Chowk, Telibandha, Raipur - 492006 - C.G., Ph. : +91-771-4006200 - 12

Email : vinodkmrjain@gmail.com, vinodkmr_jain@yahoo.com, Visit us : www.nigerseedindia.com



Quantities given in the attached "Bill of Quantity" are subject to variation. However, the payment shall be on the basis of unit rates of items as per the attached schedule of prices

And actual quantities verified at site. M/S VKJ shall have liberty to order additional quantities or delete a few prior to manufacturing without any price variation.

5.0 Time of Completion

Time is the essence of Contract. The entire work shall be completed and handed over within 15 Days from the date of issue of Work Order and clearance from M/S Vinod Kumar Jain, M/S Sharda Infrasolutions Pvt.Ltd.shall be liable to pay Liquidated Damages per day of delay or part thereof at 1% of order value subject to maximum 5% of order value in case of delay attributable to the contractor beyond the completion period of 15 Days from the date of issue of this work order.

6.0 a) Payment Terms

- Advance 30 % Payment of Material Shall be deposited to start the work
- 30 % Payment of Material Shall be deposited when material is Dispatched from Factory.
- 40% Payment of material shall be deposited after 1 month of Payment part (b).

7.0 Step in rights & termination

In case M/S VKJ is convinced about slow progress of work on the part of the M/S Sharda Infrasolutions Pvt.Ltd which in turn is likely to affect the completion date specified under clause 5 of this Work Order, M/S VKJ has the right to terminate this Work Order at any stage and step in to get the balance work completed by any other suitable agency at the risk and cost of the M/S Sharda Infrasolutions Pvt.Ltd.

8.0 Settlement of Disputes and Arbitration:

That, all or any disputes, controversy, claim or differences of any kind whatsoever between the parties to this contract relating to or arising out of or concerning or touching this contract including their respective rights and obligations contained herein or the breach, termination, or relating to interpretation and validity of any provision herein, such differences, disputes shall be first settled amicably by mutual discussion and negotiations failing which the same shall be settled through Arbitration. The Arbitration shall be governed by the Arbitration & Conciliation Act 1996 or any statutory amendments/modifications thereof for the time being in force. The Arbitration proceedings shall be held at appropriate place at Raipur Chhattisgarh.

Guill
02/07/2018

We Construct Relationship

OFFICE : **JASHPUR** : College Road, Jashpurnagar - 496331 - Chhattisgarh, Ph. : +91-7763-223456, 220412

RAIPUR : A-3, Jeevan Vihar, Opp. VIP Chowk, Telibandha, Raipur - 492006 - C.G., Ph. : +91-771-4006200 - 12

Email : vinodkmrjain@gmail.com, vinodkmr_jain@yahoo.com, Visit us : www.nigerseedindia.com



II SHREE MAHAVIRAY NAMAH II

GSTIN (CG) : 22AAJFM5290M1ZY
GSTIN (JH) : 20AAJFM5290M1Z2

This Work Order is issued in original and duplicate copy. M/S Sharda Infrasolutions Pvt.Ltd is requested to retain the original, sign & stamp all pages of the duplicate copy and return the duplicate copy in token of its unconditional acceptance to M/S Vinod Kumar Jain.

Thanks & Regards

M/S VK Jain



(Authorized Signatory)

For & on behalf of Sharda

Infrasolutions Pvt.Ltd

(Authorized Signatory)

We Construct Relationship

OFFICE : **JASHPUR** : College Road, Jashpurnagar - 496331 - Chhattisgarh, Ph. : +91-7763-223456, 220412

RAIPUR : A-3, Jeevan Vihar, Opp. VIP Chowk, Telibandha, Raipur - 492006 - C.G., Ph. : +91-771-4006200 - 12

Email : vinodkmrjain@gmail.com, vinodkmr_jain@yahoo.com, Visit us : www.nigerseedindia.com



II SHREE MAHAVIRAY NAMAH II

GSTIN (CG) : 22AAJFM5290M1ZY
GSTIN (JH) : 20AAJFM5290M1Z2

Ref No: VKJ /SKM/2023-24/015

Dated:- 04.06.2023

To,
Sharda Infrasolutions Pvt.Ltd.
Registered Office:-36(P), Phase II
Industril Area, Tatisilwai,
Ranchi:-835103
CIN NO-U24100 JH2010PTCO14546

Sub: Construction of 2-lane with paved shoulder including Geometric improvement for 0+000 to km 16+000 of stretch of Singtam –Tarku of NH 510 on EPC Basis under SARDP-NE phase "A" in the State Sikkim -Work Order for Supply and Application (Laying) of Prismoline Thermoplastic Road Marking Paint.

Reference: Quotation submitted dated 01.04.2023

Dear Sir,

With reference to your quotation /offer and discussions, we are pleased to place this supply work order as per scope of work, specifications, prices, and terms & conditions given below for the captioned work:

1.0 Scope of Work:

Providing and laying of hot applied thermoplastic compound (BS Grade) 2.5 mm thick including reflectorizing glass beads @ 250 gms per sqm area (For Bituminous surface).

2.0 Specifications

2.1 The specifications shall be in full conformity with the latest applicable of the following standards & Codes of Practice irrespective of the year mentioned against each:

- All work shall conform to standard specifications of MORTH clause 803 and further reference Therein.
- IRC:SP:35:2015
- Approved Drawing by Authority/Authority's Engineer
- BIS and IS specifications

3.0 Prices

Supplying and laying of hot applied thermoplastic compound (BS Grade) 2.5 mm thick including reflectorizing glass beads @ 250 gms per sqm area -

*M/s Vinod Kumar Jain
Authorised Signatory*

We Construct Relationship

OFFICE ADDRESS : College Road, Jashpurnagar - 496331 - Chhattisgarh, Ph. : +91-7763-223456, 220412
RAIPUR : A-3, Jeevan Vihar, Opp. VIP Chowk, Telibandha, Raipur - 492006 - C.G., Ph. : +91-771-4006200 - 12
Email : vinodkmrjain@gmail.com, vinodkmr_jain@yahoo.com, Visit us : www.nigerseedindia.com



8.0 Step in rights & termination

In case M/S VKJ is convinced about slow progress of work on the part of the M/S Sharda Infra solutions Pvt.Ltd which in turn is likely to affect the completion date specified under clause- 5 of this Work Order,

M/S VKJ has the right to terminate this Work Order at any stage and step in to get the balance work completed by any other suitable agency at the risk and cost of the M/S Sharda Infrasolutions Pvt.Ltd.

9.0 Settlement of Disputes and Arbitration:

That, all or any disputes, controversy, claim or differences of any kind whatsoever between the parties to this contract relating to or arising out of or concerning or touching this contract including their respective rights and obligations contained herein or the breach, termination, or relating to interpretation and validity of any provision herein, such differences, disputes shall be first settled amicably by mutual discussion and negotiations failing which the same shall be settled through Arbitration. The Arbitration shall be governed by the Arbitration & Conciliation Act 1996 or any statutory amendments/modifications thereof for the time being in force. The Arbitration proceedings shall be held at appropriate place at Raipur Chhattisgarh.

This Work Order is issued in original and duplicate copy. M/S Sharda Infrasolutions Pvt.Ltd is requested to retain the original, sign & stamp all pages of the duplicate copy and return the duplicate copy in token of its unconditional acceptance to M/S Vinod Kumar Jain.

Thanks & Regards

M/S VK Jain

Vinod Kumar Jain
[Signature]
Authorised Signatory
(Authorized Signatory)

For & on behalf of Sharda

Infrasolutions Pvt.Ltd

Buglania .
05/06/23 .

(Authorized Signatory)

We Construct Relationship

OFFICE : JASHPUR : College Road, Jashpurnagar - 496331 - Chhattisgarh, Ph. : +91-7763-223456, 220412

RAIPUR : A-3, Jeevan Vihar, Opp. VIP Chowk, Tellbandha, Raipur - 492006 - C.G., Ph. : +91-771-4006200 - 12

Email : vinodkmrjain@gmail.com, vinodkmr_jain@yahoo.com, Visit us : www.nigerseedindia.com

WORK ORDER



Larsen & Toubro Limited, Construction

PB No 979, Mount-Poonamallee Road,
Manapakkam, Chennai - 600089,
Tamil Nadu, India
CIN - L99999MH1946PLC004768
Tel No. 044-22526000
Fax No. 044-22526059
Website: <https://eip4.intecc.com>

ORDER NO. : LE/LE21M287/WOD/23/000005
WO DATE : 10-Apr-2023
LATEST AMENDMENT : 0
AMENDMENT DATE : ---
VALUE : 2,652,982.20 INR
STATUS : Authorized



Order Essentials

Job : LE21M287 - GSRP O and M
Payment Centre : S2000010 - Shared Services Centre - Accounting Center
Type : Regular Labour With Materials
Service Group : Revenue
WO Period : 01-Jan-2023 to 31-Jul-2023
Currency : Indian rupee
RFQ Ref. No. : LE/LE21M287/RFQ/23/000022
LD Clause : Not Applicable
Price Variation : Not Applicable
GTC : Accepted
Last Bill Number : 0
Bill Type : Running Bill

Vendor Details

Name : PI2201020433000 - Sharda Infrasolutions Private Limited
Address : 36 (P), Phase-II, Industrial Area, Tatisilwal, Ranchi
State : Jharkhand
Country : India
Mobile : 8229801483
Phone : ---
Email : prakash@prismoline.com
BQ Ref. No. : 1
WO Accepted By : ---
WO Accepted On : ---

Statutory Details

Job GST : 19AAACL0140P2ZF
Job PAN : AAACL0140P

Vendor GST :
Vendor PAN : AAPCS1562H

Billing To

Vill – Shelter Bari
Bhutki Hat Post Office
-735135
CIN-L99999MH1946PLC004768

Execution At

Vill – Shelter Bari
Bhutki Hat Post Office
-735135
CIN-L99999MH1946PLC004768

Nature of Scope

Road Marking Work

Refer Annexure Details

Item Abstract - Cost Package Details, Delivery Schedule, Itemwise Tax Details, Additional Terms & Conditions

Items Abstract

Description - Code	Quantity	UOM	Rate	Tax	Total Value
CIVIL - ROAD WORK : Providing and applying 2.5mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass bead Additional Description : NA - 199950DPG (SAC: 18% - General construction services of highways, streets, roads, railways and airfield runways, bridges and tunnels - General construction services of highways, streets, roads, railways and airfield runways, bridges and tunnels - 18% - General construction services of highways, streets, roads, railways and airfield runways, bridges and tunnels - 995421)	6,813.000	Square meter			

WORK ORDER



Larsen & Toubro Limited, Construction

PB No 979, Mount-Poonamallee Road,
Manapakkam, Chennai - 600089,
Tamil Nadu, India
CIN - L99999MH1946PLC004768
Tel No. 044-22526000
Fax No. 044-22526059
Website: <https://eip4.intecc.com>

ORDER NO.	:	LE/LE21M287/WOD/23/000005
WO DATE	:	10-Apr-2023
LATEST AMENDMENT	:	0
AMENDMENT DATE	:	---
VALUE	:	
STATUS	:	Authorized



In Words :

Grand Total

Payment Terms

- 1 100.00% of Bill Value Payment Against Execution after receiving (0.00%). Payment will be made through NEFT on or after 0 days from Bill To Date after receiving Invoice

Essentials Details

Tag	Description
Order Expiry Date	31-Jul-2023
Privileged Vendor	Not Applicable

PURCHASE ORDER												
RKD CONSTRUCTION PVT. LTD BHUBANESWAR - 751024 - ODISHA CIN No.: 21OPPO09098P1, GST No.: 21AABCR1816R1ZB												
VENDORS NAME		SHARDA INFRASOLUTIONS PVT.LTD.			PO No.			/72863				
ADDRESS		195/B, MANDELIYA NAGAR, BARIATU, BARIATU			DATE			20-Aug-2022 04:31 PM				
PIN CODE		834009			QUOTATION NO.			70788				
VENDORS GST No.		20AAPCS1562H1ZG			REQUISITION NO.			74237				
VENDOR PAN NO.					INDENT No.			020822-004				
CONTACT PERSON		RISHABH SINGHANIA			SITE NAME			BALIGUDA				
MOBILE NO		7857860666			MANAGER			ASISH DAS				
EMAIL ID					EMAIL ID			purchase@rkdcppl.com				
SI.No.	CAT	DESCRIPTION		PART No.	UNIT	QTY	RATE	DISC	PRODC. VALUE	GST	GST AMT.	TOTAL VALUE
1	GENERAL (160349)	ROAD MARKING WITH HOT APPLIED THERMOPLASTIC COMPOUND AND DROP ON GLASS BEADS ACCORDING TO THE SPECIFICATION OF IRC CODE		SQMT	2003.000		0.00%	560,840.00	18%	100,951.20	661,791.20	
GRAND TOTAL								560,840.00	100,951.20	661,791.20		
ADD TCS @0.000												
GRAND TOTAL PO VALUE												
Six Lakh Sixty One Thousand Seven Hundred and Ninety One Rupees and Twenty Paise Only												
TERMS AND CONDITIONS												
1	PRICES ARE F.O.R		EX WORKS BALIGUDA									
2	FREIGHT CHARGES		0.00									
3	DESTINATION		BALIGUDA CAMP RKDCPL, KANDHAMAL									
4	ADVANCE PAYMENT		ADVANCE PAYMENT									
5	PAYMENT TERMS		40% ADVANCE PAYMENT AGAINST PURCHASE ORDER AND BALANCE PAYMENT WILL BE RELEASED AFTER COMPLETION OF WORK									
6	DELIVERY		15 DAYS									
7	WARRANTY CLAUSE		24 Month STANDARD WARRANTY CLAUSE									
8	ANY SPECIAL TERMS		WE NEED THE MATERIAL URGENTLY.									
CREATED BY		APPROVED BY		APPROVED BY		APPROVED BY		APPROVED BY				
ASISH DAS 20-Aug-2022 04:31 PM						SWAYAM PRAKASH DAS 25-Aug-22 03:51 PM						



PURCHASE ORDER												
RKD CONSTRUCTION PVT. LTD BHUBANESWAR - 751024 - ODISHA CIN No : 21OPPOI09098P1, GST No: 21AACR1816R1ZB												
VENDORS NAME		SHARDA INFRASOLUTIONS PVT.LTD.			PO No.		/72381					
ADDRESS		195/B, MANDELIYA NAGAR, BARIATU, BARIATU			DATE		10-Aug-2022 06:15 PM					
PIN CODE		834009			QUOTATION NO.		70114					
VENDORS GST No.		20AAPCS1562H1ZG			REQUISITION NO.		73685					
VENDOR PAN NO.					INDENT No.		030822-090					
CONTACT PERSON		RISHABH SINGHANIA			SITE NAME		BIMALAGARH					
MOBILE NO		7857860666			MANAOER		ASISH DAS					
EMAIL ID					EMAIL ID		purchase@rkdcp.com					
Sl.No.	CAT	DESCRIPTION		PART No.	UNIT	QTY	RATE	DISC	PRODC. VALUE	GST	GST AMT.	TOTAL VALUE
1	GENERAL (159592)	PROVIDING AND LAYING OF HOT APPLIED THERMOPLASTIC COMPOUND INCLUDING PRIMER 2.5 MM THICK INCLUDING REFLECTORIZING GLASS BEADS @ 250 GMS PER SQM AREA, AS PER IRC: 35. THE FINISHED SURFACE TO BE LEVEL, UNIFORM AND FREE FROM STREAKS AND HOLES			SQMT							
GRAND TOTAL												
ADD TCS @0.000											0.00	
GRAND TOTAL PO VALUE												
Forty Four Lakh Eighty Four Thousand Rupees and Zero Paise Only												
TERMS AND CONDITIONS												
1	PRICES ARE FOR		EX WORKS ROURKELA									
2	FREIGHT CHARGES		0.00									
3	DESTINATION		BIMALAGARH CAMP, RKDCPL, ROURKELA, DIST - SUNDERGARH, PIN-770040									
4	ADVANCE PAYMENT		40% ADVANCE AGAINST PURCHASE ORDER. 5% RETENTION ON EVERY BILL, TO BE RELEASED AFTER 2.5 YEARS OF DEFECT LIABILITY PERIOD									
5	PAYMENT TERMS		BALANCE AMOUNT WILL BE PAID COMPLETION OF WORK OR AGAINST PI VALID PDC OF 20% OF THE CONTRACT VALUE TO BE DEPOSITED WITH US TILL THE DEFECT LIABILITY PERIOD ALL DEFECT DURING THE DLP MUST BE RECTIFIED BEFORE RELEASE OF RETENTION & PDC									
6	DELIVERY		05 DAYS									
7	WARRANTY CLAUSE		30 Month STANDARD WARRANTY CLAUSE									
8	ANY SPECIAL TERMS		WE NEED THE MATERIAL URGENTLY.									
CREATED BY			APPROVED BY			APPROVED BY			APPROVED BY			
ASISH DAS 10-Aug-2022 06:15 PM									SWAYAM PRAKASH DAS 13-Aug-22 06:28 PM			





KOTWA-MUZAFFARPUR TOLLWAY LIMITED

WORK ORDER

To, M/S SHARDA INFRASOLUTIONS PRIVATE LTD KAMILAKANT ROAD, 00, PAHARI MANDIR LANE, RAT , 834001 India	WO Issue :-	20-05-22
	PR No.:-	PPREQ/2223/00001
	REV No.:-	5
	WO NO:-	PPO/2223/00007 (Released)
	PrePayment % :-	0
	Dimension:-	

WO Description :- Work order for the Supply and fixing of Road Studs.

Project Name:-Toll, Operation and Maintenance, of National highway of Kotwa-Muzaffarpur section of National Highway-28 (NH-28) from km 440.000 to Km 520.000

In the State of Bihar on Toll, Operate and Transfer (BOT) basis under NH 28

This Work order is for execution of activities as mentioned in the Bill of Quantities provided below in accordance with Special and Generic Terms & Conditions printed overleaf read with Annexure-1 thereto.

Scope of Work:-

DETAILS OF CONTRACT

BILL OF QUANTITIES

SNO.	Description / Specification	HSN/SAC	UOM	QTY	Rate	GST %	Amount
1	Supply & Fixing Green Colour Road Studs	9954	Number	3000		12	
2	Supply & Fixing White Colour Road Studs	9954	Number	2000		12	
					Total		940800.00
					Transportation		INCLUDING
					Packing & Forwarding		INCLUDING
					Other Charges		INCLUDING

Amount In words **** NINE LAKH FORTY THOUSAND EIGHT HUNDRED RUPEES AND ZERO PAISA ONLY

Remarks:-

BILL TO KOTWA MUZAFFARPUR TOLLWAY LIMITED Parsonikhem Toll Plaza, Chakia, East Champaran, BIHARBH Bihar GSTIN: 10AAHCK9247K1ZC	SHIP TO KOTWA MUZAFFARPUR TOLLWAY LIMITED Parsonikhem Toll Plaza, Chakia, East Champaran, BIHARBH Bihar GSTIN: 10AAHCK9247K1ZC
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FOR Kotwa-Muzaffarpur Tollway Limited

FOR M/S SHARDA INFRASOLUTIONS PRIVATE LTD`

AUTHORISED SIGNATORY

CONFIRMED BY SUPPLIER

Register Office: 5th Floor, OSE Commercial Block, Hotel Aloft, Asset No. 5B, Aerocity Hospitality District, IGI Airport New Delhi-110037

Site Office:

Corporate Office: Unit No. 1901, 19th Floor, Tower-B, World Trade Tower, Plot No. C-1, Sector-16, Noida-201301

CIN: U45100DL2019FLC358749, **Phone:** +91-0120-486 8300, **Fax:** +91-0120-486 8330, **Email:**

PURCHASE ORDER
RKD CONSTRUCTION PVT. LTD
BHUBANESWAR - 751024 - ODISHA
CIN No.: 21OPPOID9098P1, GST No.: 21AABCR1816R12B



VENDORS NAME	SHARDA INFRASOLUTIONS PVT.LTD.	PO No.	/56760
ADDRESS	195/B, MANDELIYA NAGAR, BARIATU, BARIATU	DATE	06-May-2022 11:01 AM
PIN CODE	834009	QUOTATION NO.	51352
VENDORS GST No.	20AAPCS1562H1ZG	REQUISITION NO.	47373
VENDOR PAN NO.		INDENT No.	130522-022
CONTACT PERSON	RISHABH SINGHANIA	SITE NAME	DARINGBADI
MOBILE NO	7857860666	MANAGER	ASISH DAS
EMAIL ID		EMAIL ID	purchase@rkdcpl.com

Sl.No.	CAT	DESCRIPTION	PART No.	UNIT	QTY	RATE	DISC	PRODC. VALUE	GST	GST AMT.	TOTAL VALUE
1	GENERAL (152051)	PROVIDING AND LAYING OF HOT APPLIED THERMOPLASTIC COMPOUND 2.5 MM THICK INCLUDING REFLECTOR ZING GLASS BEADS @250 GMS PER SQM AREA, AS PER IRC: 35 THE FINISHED SURFACE TO BE LEVEL,UNIFORM AND FREE FROM STREAK SAND HOLES.	MAKE-PRISMOLINE MORTH GUIDELINES	SQMT	19000.000		0.00%				
GRAND TOTAL								6,650,000.00	1,197,000.00	7,847,000.00	
ADD TCS @0.000											
GRAND TOTAL PO VALUE											
Seventy Eight Lakh Forty Seven Thousand Rupees and Zero Paisa Only											

TERMS AND CONDITIONS

1	PRICES ARE F.O.R	EX WORKS Baliguda - daringbadi
2.	FREIGHT CHARGES	0.00
3.	DESTINATION	DARINGBADI CAMP, DANDIMAHAA , 762104, RKDCPL CAMP
4.	ADVANCE PAYMENT	40% ADVANCE AGAINST PURCHASE ORDER. 5% RETENTION ON EVERY BILL, TO BE RELEASED AFTER 2.5 YEARS of defect Liability period
5.	PAYMENT TERMS	BALANCE AMOUNT WILL BE PAID COMPLETION OF WORK OR AGAINST PI.Valid PDC of 20% of the Contract value to be deposited with us till the defect liability period.All defect during the DLP must be rectified before release of Retention & PDC
6.	DELIVERY	2 DAYS
7.	WARRANTY CLAUSE	30 Month STANDARD WARRANTY CLAUSE
8.	ANY SPECIAL TERMS	WE NEED THE MATERIAL URGENTLY.

CREATED BY	APPROVED BY	APPROVED BY	APPROVED BY	APPROVED BY
ASISH DAS 06-May-2022 11:01 AM			SWAYAM PRAKASH DAS 07-May-22 05:31 PM	





FARAKKA RAIGANJ HIGHWAYS LIMITED

WORK ORDER

To, M/S SHARDA INFRASOLUTIONS PRIVATE LTD KAMILKANT ROAD, 00, PAHARI MANDIR LANE, RAT , 834001 India	WO Issue :- PR No.: - REV No.: - WO NO:- PrePayment % :- Dimension:-	05-05-22 PPREQ/2122/00215 4 PPO/2223/00014 (Released) 0 WO Description :- Work order for supply and fixing of road studs at FRHL
--	---	---

Project Name:- Farakka-Raiganj Highways Limited was incorporated under the Companies Act, 1956, on 11th March, 2010 as a Special Purpose Vehicle for Design, Build, Finance, Operate & Transfer (DBFOT) Toll basis of 4 lanes between Farakka and Raiganj section of NH-3

This Work order is for execution of activities as mentioned in the Bill of Quantities provided below in accordance with Special and Generic Terms & Conditions printed overleaf read with Annexure-1 thereto.

Scope of Work:-

DETAILS OF CONTRACT

BILL OF QUANTITIES

SNO.	Description / Specification	HSN/SAC	UOM	QTY	Rate	GST %	Amount
1	Supplying & Fixing of 3M Red,white,amber,green color Twin Molded Shank Raised Pavement Markers (Road Studs) made of polycarbonate and ABS molded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 +/- 2 mm and with minimum reflective area of 13 Sq.cm on each side and the slope to the base shall be 35 +/- 5 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 +/- 2 mm and height not less than 30 +/- 2 mm) from the body is to be a minimum value of 500 Kgf. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using 3M epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.	9954	Number	22500		12	
						Total	4233600.00
						Transportation	Including
						Packing & Forwarding	Including
						Other Charges	Including
Amount In words	**** FORTY TWO LAKH THIRTY THREE THOUSAND SIX HUNDRED RUPEES AND ZERO PAISA ONLY						

Remarks:-

BILL TO FARAKKA RAIGANJ HIGHWAYS LIMITED NH-34,ROAD PROJECT, 18-MILES, P.O. PUBARUN,P.S.BAISHNABNAGAR, Maida, West Bengal, 732215West bengalWB West Bengal GSTIN: 19AABCF4826F1ZP	SHIP TO FARAKKA RAIGANJ HIGHWAYS LIMITED NH-34,ROAD PROJECT, 18-MILES, P.O. PUBARUN,P.S.BAISHNABNAGAR, Maida, West Bengal, 732215West bengalWB West Bengal GSTIN: 19AABCF4826F1ZP
FOR FARAKKA RAIGANJ HIGHWAYS LIMITED	FOR M/S SHARDA INFRASOLUTIONS PRIVATE LTD
AUTHORISED SIGNATORY	 CONFIRMED BY SUPPLIER

Register Office: 6, Floor 2nd, Plot no.134, Birla Mansion, Nagindas Master Lane, Khatla Ghoda, Fort, Mumbai -400001
Site Office: NH-34 Road Project(Package-4), At-18 Miles, Village -Lakshmpur, P.O. Pubarun, P.S.Baishnabnagar Dist, Maida, West Bengal-732215
Corporate Office: 1901, 19th Floor, Tower-B, World Trade Tower, Plot#C-1, Sector-16, Noida -201301, U.P.India,
CIN: U45400MH2010PLC20733, **Phone:** +91-0120-486 8323, **Fax:** +91-0120-486 8330, **Email:** pooja.agarwal@cubehighways.com

GSTIN (UK) :- 05AHAPB0266C1ZA , GSTIN (UP): 09AHAPB0266C1Z2

Mob. :- 9837806384



M/S DIVYA JYOTI CONSTRUCTION COMPANY

20 ASIYANA APARTMENT 4th FLOOR, KASHIRAMPUR KOTDWARA

GOVT. CONTRACTOR N.H.A.I, M.E.S.P.W.D, IRRIGATION & SUPPLIER

Ref.....

Date..... 29.04.2022

Purchase Order		
To, Sharda Infrasolutions Pvt. Ltd. 195/B Mandeliya Nagar, Baratua Jharkhand - 834009 GSTIN : 20AAPCS1562H1ZG	PO No.	DJC/R&M/NH-75/02/2022
	Date	29.04.2022
	Nature of work	Thermoplastic Road marking (2.5mm thick)
	Project	Repair & maintenance including Strengthening/overlay of various stretches between Km- 219.600 (Khajuri) to Km- 260.403 (Whynhenganj) of NH-75 in the state of Jharkhand.

Kind Attn : Mr. Rishabh Singhania

Sub : Apply & Supply of Thermoplastic Road Marking Paint

We are pleased to accept your quotation referred above and place the order for following :

Description	Qty.	Rate/kg
Thermoplastic Road Marking Paint	30,000 kg	
Glass Bead	2000 kg	

Delivery Address : Same as above

Billing address : M/s Divya Jyoti Construction Co.

1st floor, Baralota, Near Janakpuri Mandir,

Panki Road, Daltonganj, Palamu, Jharkhand

GSTIN : 20AHAPB0266C1ZI

Work Order

This has reference to the above mentioned quotation and discussion for the subject work, we are pleased to place the work order to carry out for Thermoplastic Road Marking with material and all T&P at our project site NH-75 as per specified terms & conditions are under :

Specification	Rate
Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectors using glass beads @250gm/Sqm. Area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes vide NH SOR Item No. 8.13 all complete job and direction of Engineer-in-charge.	₹ /Sqm. (Apply & Supply)

Please acknowledge and return the duplicate copy as a token of your acceptance.

Authorized Signatory

For M/s Divya Jyoti Construction Co.

(General Manager)

Received & Accepted

For Sharda Infrasolutions Pvt. Ltd.



KUNAL STRUCTURE (INDIA) PVT. LTD.

1205-1207 Ship Epitom
Behind Rajpath Club, sidhubhavan Road, Ahmedabad-380054.
Phone : +91 70963 32323 Website: www.ksipl.co.in

Work ORDER	NO	OD/10254			
INCOTERM : FOR SITE		DATE : 15/04/2022			
VENDOR NAME		Delivery Address		Consignee	
3998-Sharda Infrasolutions Private Limited 36 (P),PHASE I,INDUSTRIAL AREA,TATISILWALRANCHI JHARKHAND-835103 RANCHI,JHARKHAND GST No: 20AAPCS1562H1ZG Contact Person : abhishek 91999 60666/70332 75747		Kunal Structure India Pvt. Ltd. Village: mahabirod, Post : parjang Nr.IOCL Pump, Kamkhynagar Road Dist: Dhenkanal 759120 ORRISA GST No: 21AACCK7952Q1Z2 Contact Person: Mr.Prashant Phone: 7091551901		Kunal Structure India Pvt. Ltd. Village: mahabirod, Post : parjang Nr.IOCL Pump, Kamkhynagar Road Dist: Dhenkanal 759120 ORRISA GST No: 21AACCK7952Q1Z2 Contact Person: Mr.Prashant Phone: 7091551901	
Sr. No	Item Description	QTY	HSN	Unit	Rate
1	3M Make Molded Shank (RED) with Inclusive of fixing	10060.00	3926	NOS	
2	3M Make Molded Shank (YELLOW) with Inclusive of fixing	6156.00	3926	NOS	
3	Flexible Median Marker With Inclusive of fixing	22074.00	7326	NOS	
4	Anti-Glare Screen (900 mm) HIGHT Flexible With Inclusive of fixing	2135.00	3919	NOS	
Grand Total					66,91,607.00
					0.00
					9% CGST + SGST
					9% CGST + SGST
					18% IGST
					12,04,489.26
Round off					0
Grand Total					78,96,096.26

Order related Terms and Condition as per Below.

- 01.MAKE IS 3M ONLY. The Above Rate Is Inclusive of fixing all Material.
- 02.Payment terms-70% Within 10 days from the date of delivery of materials.
- 03.30% After installation. Billing of installation shall be on RA monthly basis or complete.
- 04.Materail required as per our requirement. We will right to reject your material & Purchase order if material is not quality wise.
05. FOR Site Delivery.
06. Material test certificate Required with the consignment.

FOR. KUNAL STRUCTURE INDIA PVT LTD



PURCHASE ORDER
RKD CONSTRUCTION PVT. LTD
BHUBANESWAR - 751024 - ODISHA
CIN No. : 21OPPOI09098P1, GST No. : 21AACR1816R1ZB



VENDORS NAME	SHARDA INFRASOLUTIONS PVT.LTD.	PO No.	/54486
ADDRESS	195/B, MANDELIYA NAGAR, BARIATU, BARIATU	DATE	25-Mar-2022 07:18 PM
PIN CODE	834009	QUOTATION NO.	48183
VENDORS GST No.	20AAPCS1562H1ZG	REQUISITION NO.	44887
VENDOR PAN NO.		INDENT No.	240322-203
CONTACT PERSON	RISHABH SINGHANIA	SITE NAME	LATHIKATA
MOBILE NO	7857860666	MANAGER	ASISH DAS
EMAIL ID		EMAIL ID	purchase@rkdcpl.com

Sl.No.	CAT	DESCRIPTION	PART No.	UNIT	QTY	RATE	DISC	PRODC. VALUE	GST	GST AMT.	TOTAL VALUE
1	GENERAL (149033)	SUPPLY & FIXING OF 3M PLAIN RPM RED COMPLETE WITH CLEANING ROAD SURFACE, ALIGNING AND FIXING USING 3M RECOMMENDED EPOXY RESIN		Nos.	5000.000		0.00%		18%		
2	GENERAL (149034)	SUPPLY & FIXING OF 3M PLAIN RPM YELLOW COMPLETE WITH CLEANING ROAD SURFACE, ALIGNING AND FIXING USING 3M RECOMMENDED EPOXY RESIN		Nos.	5201.000		0.00%		18%		
GRAND TOTAL								1,244,522.00	224,013.96	1,468,535.96	
ADD TCS @0.000											
GRAND TOTAL PO VALUE											1,468,535.96
Fourteen Lakh Sixty Eight Thousand Five Hundred and Thirty Five Rupees and Ninety Six Paisa Only											

TERMS AND CONDITIONS

1	PRICES ARE F.O.R	EX WORKS BHUBANESWAR
2	FREIGHT CHARGES	0.00
3	DESTINATION	LATHIKATA CAMP, RKDCPL, ROURKELA, DIST - SUNDERGARH,PIN-770037
4	ADVANCE PAYMENT	50% ADVANCE AGAINST PURCHASE ORDER. 5% retention to be released after 2 years
5	PAYMENT TERMS	BALANCE AMOUNT WILL BE PAID COMPLETION OF WORK OR AGAINST PI.
6	DELIVERY	03 DAYS
7	WARRANTY CLAUSE	24 Month Full REPACEMENT if RRPM is displaced from its position on Road
8	ANY SPECIAL TERMS	WE NEED THE MATERIAL URGENTLY.

CREATED BY	APPROVED BY	APPROVED BY	APPROVED BY	APPROVED BY
ASISH DAS 25-Mar-2022 07:18 PM			SWAYAM PRAKASH DAS 26-Mar-22 01:03 PM	



SHIVAM CONDEV PVT. LTD.

Regd. Office : OU-522, 5th Floor, Esplanade Commercial Development, Unit No. 32, 721,
Rasulgarh, Bhubaneswar - 751010, Khordha

Ref. No. PRI/21-22/SPL 253

To

Date: 25.03.2022

Date

SHARDA INFRASOLUTIONS PVT. LTD.

Rishabh Singhania. (Contact Number: 8102921423, 9199960666)

GST No: - 20AAPCS1562H1ZG

Regd Off : 195/B, Mandeliya Nagar, Bariatu – Ranchi Jharkhand: 834009

Mail Id: rishabh@prismoline.com, info@prismoline.com, surbhi@prismoline.com

Kind Attn: Mr. K. KIRAN (07606000464) Bhubaneswar Office: Mail Id: odisha@prismoline.com

Sub: Supply Signboard with Post for the work SI No (1)" Urgent repair and maintenance from Km 0.000 to 60.00 of Panikoli- Rimuli Section of NH-215 (New NH-20) in the state of Odisha". & SL No (2) "Urgent repair and maintenance from Km 113.300 to 166.173 of Panikoli- Rimuli Section of NH-215 (New NH-20) in the state of Odisha".

Dear Sir,

As discussed with you and as per your quotation on dated 22.03.2022, we are pleased to place the work order as per details mentioned below.

Providing of TYPE IV: (AVERY/3M): Retro-reflectorised direction and place identification, cautionary, mandatory and informative sign as per IRC:67 made of high intensity grade sheeting vide Clause No. 801.3 of specifications for road and bridge works of Ministry of Road Transport & Highways (4th Revision) fixed over aluminium sheeting, 1.5mm thick supported on a mild steel angle iron post 75mm x 75mm x 6mm including Back Frame 30 x 30 x 3 mm.

Sl. No.	Description of work	No.or Qty.	Unit	SHARDA INFRASOLUTION PVT LTD	
				RATE	AMOUNT
1	2980mm x 2440mm	1	Nos		
2	2650mm x 2440mm	2	Nos		
3	2100mm x 2440mm	1	Nos		
4	2740mm x 2440mm	1	Nos		
5	2050mm x 2440mm	3	Nos		
6	2350mm x 2440mm	1	Nos		
7	1100mm x 2440mm	1	Nos		
8	1500mm x 1625mm	2	Nos		
9	2040mm x 1625mm	1	Nos		
10	2440mm x 1625mm	1	Nos		
11	1770mm x 1625mm	1	Nos		
12	2150mm x 725mm	1	Nos		
13	1995mm x 725mm	1	Nos		
14	1665mm x 725mm	1	Nos		
15	1590mm x 725mm	1	Nos		
16	1800mm x 725mm	2	Nos		
17	1650mm x 725mm	2	Nos		
18	1640mm x 1100mm	2	Nos		
19	1580mm x 1100mm	2	Nos		
20	1570mm x 1100mm	1	Nos		
21	1885mm x 725mm	2	Nos		
22	1641mm x 725mm	1	Nos		
23	1520mm x 1625mm	2	Nos		
24	2290mm x 1650mm	17	Nos		
25	800mm x 600mm	8	Nos		

1



TOTAL	58	Nos	8,29,000/-
*		TRANSPORTATION	0
		Total	8,29,000/-
(Nine lakhs seventy eight thousand two hundred twenty only)		Add GST : 18%	1,49,220/-
		Total Amount	9,78,220/-

Terms and Condition

1. The above rates are inclusive of all taxes and shall remain firm till completion of the supply.
2. The above rates are including transportation (F.O.R at Site camp).
3. The above rates are applicable for sign board with post.
4. 50% will be paid in advance and balance will be paid after successfully completion of the each item mentioned above with proper invoice copy before delivery.
5. The work should be started immediately on issue of Work Order.
6. Loading charges will be borne by you and unloading at site will be done by us.
7. Any rejection due to quality is totally on your account.
8. Test certificate will be provided with material by SHARDA INFRASOLUTIONS PVT. LTD before delivery for each item.
9. TDS to be deducted as per Government norms.
10. In case of any disputes the same shall be settled mutually; further the court of Bhubaneswar shall have exclusive jurisdiction in all matters arising out of this contract.

Bank Accounts details:

1. Account no : 50200061103820
2. Account Name : Sharda Infrasolutions Pvt. Ltd.
3. Bank : Kutchery Road Bank
4. IFSC Code : HDFC0002728
5. GSTIN : 20AAPCS1562H1ZG

Thanking you

Yours faithfully,

For SHIVAM CONDEV PVT LTD.

Authorized Signatory

**Delivery Site:**

Site Camp:Shivam, At: Belabahali: Po:
Ghasipura, Dist: Keonjhar, Near
Belbahali Bridge

MR. Prasanjit MOB: 9337087504
Mr B. Panda: Mob: 9437173895

SHIVAM CONDEV PVT LTD

GST : 21AATCS1852Q1ZQ
PAN : AATCS1852Q

Apeku
28/03/22

Address: RIL - Barhi-Hazaribagh Road
NH33
Sehuwah, Ichak more.

RAMKY INFRASTRUCTURE LIMITED

WORK ORDER

Vendor Code: 4023080	Ramky Tax details	WO No.: T-17-TP-04/0400059115
Vendor: SHARDA GENPOWER PVT LTD KAMLAJANT ROAD, D0, RANCHI-834001, Jharkhand, India 7857860666	GSTIN No: 20AAACR8627B1ZU PAN NO: AAACR8627B Plant Code: 1056 Destination State: Jharkhand	WO Date: Version No:0 Version Date: PR No:1000057841
GSTIN No: 20AAPCS1562H1ZG PAN NO: AAPCS1562H		
Ref Qtn:		
State Of Origin: Jharkhand		

Please take up the following work as per instructions and in accordance with the attached technical specifications, terms and conditions. Please Convey your acceptance immediately on receipt on work order. In case we don't receive your acceptance within 3 days from the date of issue of this order, the right to accept or reject this work order solely lies with us only.

Sr No	Description	Qty	Rate	Amount(INR)
	Works consisting of the following: L/C for Delineators fixing, S/C for Thermoplastic Road Marking		As per Annexure - I	2,167,800.00
1	Date of Commencement	23.12.2020	Total Discount	0.00
2	Date of Completion	31.01.2021	Taxable Amount	2,167,800.00
3	Income Tax		Total Tax Amount	367200.00
4	Mobilization Advance	N/A	Freight / Others	0.00
5	Materials Advance	N/A	Grand Total	2,535,000.00
6	Seigniorage on material	N/A	Total Order Value(In words) :-	
7.	Terms of Payment :			Twenty Five Lakh Thirty Five Thousand Rupees And Only
	a) Recovery of Mobilization Advance	N/A		(Price firm till completion of the job)
	b) Recovery of Materials Advance	N/A		
	c) RA / Final Bill	N/A		
8	a) Recovery of SD/ Retention Money	N/A		
	b) Release of SD / Retention Money	N/A		
9	a) Performance Guarantee	N/A		
	b) Release of Performance Guarantee	N/A		
10	Liquidated Damages for Delay	N/A		
11	Paying Authority	N/A		
12	Release of Interim Bill	N/A		

Note: All communication should be made to the WO issuing address.

Authorized Signatory with Name & Date

For Contractor



Authorized Signatory With Official Seal

Note: Signature of vendor on this work order is a legally binding contract between both the parties

Attachments : 1) Bill of Quantity - Annexure I
2) General Conditions of Contract - Annexure II
3) Special Conditions of Contract - Annexure III
4) Specifications and Scope Statement - Annexure IV

These Attachments, Annexures I, II, III, & IV are integral part of this work order and are inseparable and should be read in conjunction with this work order.

Reg. Office: Ramky Infrastructure Limited, Ramky Grandiose, 15th floor, Sy.No: 136/2&4, Gachibowli Hyderabad-500032, Telangana, India
Corp Office: Ramky Infrastructure Ltd, Ramky Grandiose, Floor 10 & 11, Sy No 136/2 & 4, Gachibowli, Hyderabad-500032, Telangana, India.

RAMKY INFRASTRUCTURE LIMITED

Vendor Code No.: 4023080

Project Code:T-17-TP-04

SHARDA GENPOWER PVT.LTD.
Kamalkanth Road,
Ranchi - 834001,
Jharkhand

WORK ORDER	
Work Order No	T-17-TP-04/04
Date of Work Order	11-Dec-20
Our Enquiry Ref No	
Your Reference & Date	

Project	Four laning of Bachhi-Hazaribagh Section of NH-33 from km.0.00 to km.40.500 in the State of Jharkhand on EPC mode under NHDP Phase-III				
Work Description :	S/C for Thermoplastic Road Marking.				
Activity Code	Description	Unit	Quantity	Rate/Unit	Amount
1	S/C ThermoPlastic Road Marking	M ²	6000.00	345.00	2,100,000.00
				Total Basic Value	2,070,000.00
				CGST	9.00%
				SGST	9.00%
				Gross Value	2,442,600.00
1	Date of commencement	27-Nov-20			
2	Date of completion	31-Dec-20			
3	Taxes				
a)	TDS	Applicable			
b)	Work Contract Tax	0			
c)	VAT	0			
d)	Labour cess	0			
4	Seigniorage on material	NE			
5	Terms of Payments:				(Price firm till completion of the job)
a)	Mobilisation Advance	---			
b)	Recovery of Mobilisation Advance	---			
c)	Materials Advance	---			
d)	Recovery of Materials Advance	---			
e)	RA/Final Bill	After Submission of RA			
6	a) Retention Money	5% of bill amount			
b)	Release of Retention Money	After completion of work			
7	a) Performance Guarantee	---			
b)	Release of Performance Guarantee	---			
8	Liquidated damages for delay	---			
9	Paying Authority	Account			
10	Release of interim bill	After submission of interim bill			Signature of the Vendor with Official Seal

Note: Signature of vendor on this work order is a legally binding contract between both the parties.

Attachments:

- 1) General Terms and Conditions-Anneexure I
- 2) Special Conditions - Annexure II

The Attachments, Annexure I & II are integral part of this work order.

NOTE: The Quantities given in the work order are indicative and may vary as per changes in the designs.

Corporate Office:- Ramky Infrastructure Ltd, Ramky Graminose, Floor 10 & 11, Sy No 116/2 & 4, Gachibowli, Hyderabad-500032, Telangana.

Project Office:- At Smta. Ichak More, Hazaribagh, Jharkhand 825102

RAMKY INFRASTRUCTURE LIMITED

WORK ORDER

Code: 4023080	Ramky Tax details	WO NO.: T-17-TP-04/0400058498
Vendor : SHARDA GENPOWER PVT.LTD.	GSTIN No: 20AACR9627B1ZU	
KAMLAKANT ROAD, D0,	PAN NO : AACR9627B	WO Date:
RANCHI-834001, Jharkhand, India.7857860666	Plant Code : 1058	Version No:0
	Destination State, Jharkhand	Version Date:
GSTIN No: 20AAPCS1562H1ZG		PR No:1000056532
PAN NO: AAPCS1562H		
Ref Qtn. .		
State Of Origin : Jharkhand		

Please take up the following work as per instructions and in accordance with the attached technical specifications, terms and conditions. Please Convey your acceptance immediately on receipt on work order. Incase we don't receive your acceptance within 3 days from the date of issue of this order, the right to accept or reject this work order solely lies with us only.

Sr No	Description		Qty	Rate	Amount(INR)
	Works consisting of the following: S/F for Road studs			As per Annexure - I	720,168.00
1	Date of Commencement	01.09.2020	Total Discount		0.00
2	Date of Completion	31.12.2020	Taxable Amount		720,168.00
3	Income Tax.		Total Tax Amount		129630.24
4	Mobilization Advance	N/A	Freight / Others		0.00
5	Materials Advance	N/A	Grand Total		849,798.24
6	Seigniorage on material	N/A	Total Order Value(In words) :-		
7.	Terms of Payment :		Eight Lakh Forty Nine Thousand Seven Hundred Ninety Eight Rupees And Twenty Four Paise Only		
a)	Recovery of Mobilization Advance	N/A	(Price firm till completion of the job)		
b)	Recovery of Materials Advance	N/A	For RAMKY INFRASTRUCTURE LIMITED		
c)	RA / Final Bill	N/A			
8	a) Recovery of SD/ Retention Money	N/A			
b)	Release of SD / Retention Money	N/A			
9	a) Performance Guarantee	N/A			
b)	Release of Performance Guarantee	N/A			
10	Liquidated Damages for Delay	N/A			
11	Paying Authority	N/A			
12	Release of Interim Bill	N/A			

Note: All communication should be made to the WO issuing address.

Authorized Signatory with Name & Date



For Contractor

Singhania

Authorized Signatory With Official Seal

Note: Signature of vendor on this work order is a legally binding contract between both the parties

Attachments : 1) Bill of Quantity - Annexure I
 2) General Conditions of Contract - Annexure II
 3) Special Conditions of Contract - Annexure III
 4) Specifications and Scope Statement - Annexure IV

These Attachments, Annexures I, II, III, & IV are integral part of this work order and are inseparable and should be read in conjunction with this work order.

Reg. Office: Ramky Infrastructure Limited, Ramky Grandiosa, 15th floor,, Sy.No: 136/2&4, Gachibowli Hyderabad-500032, Telangana, India

Corp Ofce: Ramky Infrastructure Ltd, Ramky Grandiosa, Floor 10 & 11, Sy No 136/2 & 4, Gachibowli, Hyderabad-500032, Telangana, India.

25 th Floor GIFT One Building GIFT City Gandhinagar 382355 Gujarat - India	T Telephone Number W www.eisamex.com E info@eisamex.com CIN 45201MH2013FLC285659
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WORK ORDER	
WO Reference	EMSL/O&M/RRR7/WO- 7609
Date of commencement	19 th June 2019
Period of work	Two Month from the date of commencement
Nature of Service	Thermoplastic Road Marking and Kerb painting
Amount of work order	4,18,100/-

To,	
Vendor No.	3530
Vendor Name	Sharda Genpower Pvt Ltd
Vendor Address	Kamala Kant Road ,00, Pahari Mandir Lane, Ratn road, Ranchi 834001
Contact person	Rishabh Singhania
Vendor phone number	9199960666
Vendor Email Address	rishabh@prismoline.com
GST Number	20AAPCS1562H1ZG
State of service provider	Jharkhand

Subject : Work Order for Thermoplastic Road Marking and Kerb painting with material At RRR7 project.

This has reference to the above-mentioned quotation and discussion for the subject work, we are pleased to place the work order to carry out for Thermoplastic Road Marking and kerb painting with material at RRR7 project for a total value of Rs. 4,18,100/. The schedule of item rate, amount and terms and conditions are as under:

S.no.	Item Description	SAC	Unit	Qty.	Rate	Amounts
1	Providing and laying Thermoplastic pavement marking with hot applied thermoplastic materials for road markings with surface application of glass beads at specified rate. complete as per drawing, MORT&H Technical Specification Clause 803 and as directed by the Engineer. (Minimum Thickness 2.5mm and glass beads @ 250 gm/Sqm)	995429	Sqm	1250		
2	Providing and applying kerb painting (Water based paint confirm to IS 164 specification, colour-white & Black)	995429	Sqm	900		
Total Amount						

Terms and Condition:

- Specification and standard:** All work shall confirm to standard specification of MORT&H clause 803 and further references therein. All quality control tests are in your scope.
- Rates** -Rate quoted above is all inclusive material, manpower, machinery plant fuel and all other resources as may be required for the completion of entire scope of work including cleaning of the surface before application.

25, Floor
GIFT City
Gandhinagar 382355
Gujarat - India

T - Telephone Number:
W - www.elsamex.com
E - info@elsamex.com
CIN 45201M12013PLC285659

WORK ORDER

WO Reference	EMSL/Major Maintenance/RPRI/WO-7673
Date	15 th July 2019
Date of commencement	18 th July 2019
Period of work	4 months from the date of commencement
Nature of Service	Thermoplastic Road Marking
Amount of work order	60,14,000/-

To,

Vendor No.	3530
Vendor Name	Sharda Genpower Pvt Ltd
Vendor Address	Kamala Kant Road ,00, Pahari Mandir Lane, Ratn road, Ranchi 834001
Contact person	Rishabh Singhania
Vendor phone number	9199960666
Vendor Email Address	rishabh@prismoline.com
GST Number	20AAPCS1562H1ZG
State of service provider	Jharkhand

Subject : Work Order for Thermoplastic Road Marking with material at RPRI project.

This has reference to the above-mentioned quotation and discussion for the subject work, we are pleased to place the work order to carry out for Thermoplastic Road Marking with material at RPRI project for a total value of Rs. 60,14,000/. The schedule of item rate, amount and terms and conditions are as under:

S.no.	Item Description	SAC	Unit	Qty.	Rate	Amounts
1	Providing and laying Thermoplastic pavement marking with hot applied thermoplastic materials for road markings with surface application of glass beads at specified rate. complete as per drawing, MORT&H Technical Specification Clause 803 and as directed by the Engineer. (Minimum Thickness 2.5mm and glass beads @ 250 gm/Sqm)	995429	Sqm	19,400		
Total Amount						

Terms and Condition:

- Specification and standard:** All work shall conform to standard specification of MORT&H clause 803 and further references thereto. All quality control tests are in your scope.
- Rates** -Rate quoted above is all inclusive material, manpower, machinery plant fuel and all other resources as may be required for the completion of entire scope of work including cleaning of the surface before application.
- Retention:** 5% retention will be held on every RA bill, which shall be released on successful

Purchase Order					
PO Reference	EMSL Major Maintenance/HRE	PO	0922_20-21		
Date	09 October 2020	PO Validity	15 December 2020		
Commencement Date	15 October 2020	Date of Rev.			
Project	HREL	Rev. Validity			
Vendor Code	3530	Sub location	TP-1		
To: Sharda Genpower Pvt Ltd Kamalakant Road ,00,Pahari Mandir Lane, Ratn road,834001			Contact Person Name Rishabh Singhania Mobile No. 9199960666 E-Mail rishabh@prismoline.com GSTIN 20AAPCS1562H1ZG		
Billing Address : Elsamex Maintenance Services limited. Hazaribagh Ranchi Expressway Ltd C-90, harmu Housing Colony near Sahajanand Chowk, Harmu,Doranda,Ranchi, Jharkhand -834002			Delivery Address : Elsamex Maintenance Services limited. Hazaribagh Ranchi Expressway Ltd. Pundag Toll Plaza, Hazaribagh Ranchi Expressway Ltd - Ormanjhi Ranchi Jharkhand-835219		
GSTIN/UIN	20AADCE5042Q1ZO	Contact Person	Mr. Kiran pal Adwal		
State	Jharkhand	Mobile No.	+91 6204752815		
Reference	As per submitted quotation through Dated 19.09.20 & further discussion held with you				
Details	Purchase order for Supply of Reflective Thermoplastic Pavement Material at HREL Project in the State of Jharkhand				
Sr. No.	Item Description	UoM	Qty.	Unit Rate ₹	Amount ₹
1	Reflective Thermoplastic Pavement Material Complying with relevant IRC & MoRTH Standard - Commercial Grade	MT	100		
2	Drop on Glass Beads Complying with relevant IRC & MoRTH Standard Make:- Potters	MT	5		
i				GST @	
ii					
A.				Total Amount(Inclusi	

Terms and Conditions:-

- 1 GST Inclusive as indicated above.
- 2 Payment **Advance Payment** :- 50% of Batch Value of Indented Material shall be paid in advance against PDC.
- 3 Balance Payment: - After 15 Days from the Date of Receipt of Batch Ordered through Indent at Site.
- 4 PDC - Vendor shall provide PDC of **₹ 10.00 Lakh**. PDC shall be returned to vendor within 45 Days from the date of receipt of last batch of material at site.
- 5 Rate Fix rate as indicated above.
- 6 Delivery Time Within 10-12 Days from the Date of receipt of Indent raised / received from EMSL Inclusive up to EMSL site location.
- 7 Freight Charge 1 Year Warranty shall be applicable as per manufacturer terms and conditions
- 8 Jurisdiction All the Material Shall Confirm the Standard Specification Of BIS/IS/IRC/MORTH or as per given item description. If any defect/non conforming to above specification is observed in material within 20 days of receiving it shall be replace/repaired free of cost

Gandhinagar - Gujarat

The copy of this Purchase order is issued in duplicate; please return a signed and sealed copy as a token of acceptance of the order

For Elsamex Maintenance Services Limited

Authorized Signatory

Accepted On behalf of
 Sharda Genpower Pvt Ltd

 Accepted by Sharda Genpower Pvt Ltd
 Authorised Signatory



CONSTRUCTION CO. PVT. LTD.
WO No. SCC/19-20/UK194/LOI-001

Regd. Office : Plot No. 137, Avatar Enclave,
Paschim Vihar, New Delhi-63
CIN : U45201DL1997PTC091051
E-mail : info@scgroup.co.in
shivalayaco@yahoo.com
Website : www.scgroup.co.in
Tel : 011-47074280, 45088679
Dated : 30/10/2019

To,
M/s Sharda Genpower Pvt. Ltd
Ratu Rd, Kumhartoli,
Ranchi,
Jharkhand 834001
Email: rishabh.powerol@gmail.com
Mb. 9199960666.

Project : "Reconstruction with Geometric Improvement of Existing Single/intermediate Lane to 2 Lane with Paved Shoulders Configuration from Tanakpur to Pithoragarh Road: Design Ch. 91.930 to 120.045 / Survey Ch. 92.880 to 121.550 of New NH-9 (NH-125) in the State of Uttarakhand on EPC Basis".

Subject: LOI for Thermoplastic Road Marking paint for our Uttrakhand Project.

Dear Sir,

With reference to your offer No. nil dated 18/09/19 and further negotiations held with you, we intend to award the work as per details below.

Scope of work:

SNo.	Description	Rates
1.	Application of Thermoplastic paint with Thermoplastic Road marking materials complete as per MORTH Technical Specifications.	
2.	Project as mentioned above.	

You are requested to commence the works at earliest. Detail Work order shall be issued separately on commencement of work.

Please acknowledge and return the duplicate copy as a token of your acceptance.

Thanking You,

Yours faithfully

For M/s Shivalaya Construction Co. Pvt. Ltd.



Received & Accepted
For M/s Sharda Genpower Pvt. Ltd.

(Authorized Signatory)
Name of Signatory : _____ Designation: _____



Regd. Office : Plot No. 137, Pocket-10, Sector-24
Rohini, New Delhi (INDIA)-110085
CIN : U45201DL1997PTC091051
E-mail : info@sccgroup.co.in
Website : www.sccgroup.co.in

Supplier Name:
Sharda Genpower Pvt Ltd
Hill View Lane, Ratu Road
Ranchi-834001
PO.No.SCC/18-19/10/01
Date:03/11/2018

Buyer Name
Shivalaya construction Co Pvt Ltd
B-138, Harmu Housing Colony
Near Patel Park Harmu
Ranchi-834002
Gstn:20AACCS2475A1Z1

Sr No	Description	Nos.	Qty	Unit Rate	Amount
1	Thermoplastic Road Marking(PRISMOLINE)	2500	KG	58	145000.00
2	Glass Beads(Potters)	125	KG	58	7250.00
				Total	152250.00
				CGST@9%	13702.50
				SGST@9%	13702.50
				Grand Total	179655.00

Delivery Address
Shivalaya construction Co Pvt Ltd
Vill. Turundu, Post-Pokla
Dist Gumla
40KM From Khunti Towards Simdega
Contact Person-7320920242

In Words:One Lakh Seventy Nine Thousand Six Hundred Fifty Five Only

Regards
Shivalaya Construction Co Pvt Ltd
Mob-7320920236

For Shivalaya Construction Co Pvt Ltd

Shivalaya Construction Co. Pvt. Ltd.

Authorised Signatory

Authorized Signatory

JAS-ANZ



Purchase Order

To,

Sharda Genpower Pvt. Ltd.

Purch. Order No. : PO-HO/CV/2020-21/062

Hill View Lane, Opposite Durga Mandir, Ratn Road, Ranchi, 834001

Purch. Order Dt. : 09 June, 2020

RANCHI-834001

Indent No. :

GST No. : 20AAPCS1562H1ZG

Indent Date :

Kind Attention:

Please supply the for civil work at our as per the following details given below.

Sr. No.	HSN/SAC Code	Description	Quantity	UOM	Rate	Discount	GST %	Amount
1	7210	METAL CRASH BARRIER (W-PROFILED)SINGLE SIDE SINGLE Single Side Single Beam of 3 mm section having width of 312 mm and depth of corrugation as 83 mm, hot dip Galvanised of zinc coating 550 g/sqm, as per morth specification .The Post channel section of 150mm x75mm x 5 mm thick x 1800 mm long. Hot dip Galvanised of zinc coating@ 550g/sqm.	900	MTR	1,275.00	0.00	0	11,47,500.00
2		The Spacer channel section of 150mm x75mm x 5 mm thick x 330 mm long. Hot dip Galvanised of zinc coating@ 550g/sqm.	0		0.00	0.00	0	0.00
3		Hex bolt of M16:40 with nut bolts and Washer	0		0.00	0.00	0	0.00
4		Round bolt of M16:40 with nut bolts and Washer	0		0.00	0.00	0	0.00
5			0		0.00	0.00	0	0.00
Total Qty						Sub-Total Amount		11,47,500.00
						Round Off Amount		0.00
						Gross Amount (Incl. Taxes)		11,47,500.00

**** ELEVEN LAKH FORTY SEVEN THOUSAND FIVE HUNDRED RUPEES AND ZERO PAISA ONLY

Terms & Conditions

- (1). GST@18% EXTRA
- (2). Delivery Urgent Basis
- (3). Material Must Be Properly packaged and PO no mentions all invoices.
- (4). Damaged materials any discrepancy (material & Qty) and delay in supply will not be accepted.



09-06-2020 11:07:20 WIN-01QVPB8AG6L\SANJAYSHARMA

Singh Construction Company

Engineers & Contractors



Ref No: SCC/JH/SGPPL/20-21/081

Dated 21-Jun-2020

Purchase Order

Sharda GenPower Pvt. Ltd.

Hill View lane,Ratu Road, Ranchi- 834001

Billing Address:-

SINGH CONSTRUCTION COMPANY
Holding No A/F, Opposite Sadar Thana, Chatra, Jharkhand 825 401

Delivery Address:-

SINGH CONSTRUCTION COMPANY
Holding No A/F, Opposite Sadar Thana, Chatra,
Jharkhand 825 401

PO No. #
Dated
Quotation #
Quotation Dt

SCC/JH/SGPPL/20-21/081
21-Jun-2020
Mail
13-Nov-2019

GST No.: 20AEKP5761B1ZB

GST No.: 20AEKP5761B1ZB

Payment Terms

Contact Person: Mr. Roshan Kumar

Contact Number: 8476023720

Product ID	Description	HSN Code	Qty	UM	Unit Price	Discount @ 0%	Taxable Amount	Applicable TAX	TAX Rate	Amount
	Thermoplastic Resin (Petroleum Resin Blended With Fillers & Additives) [Packed in 25 Kg Sealed bags]	3911	10000	Kg		0.00	380000	SGST @ 9% CGST @ 9%		
	Glass Beads [For Road Marking] [Packed in 25 Kg Sealed bags.]	7016	1000	Kg		0.00	55000	SGST @ 9% CGST @ 9%		
Amount in Words:- Rupees Five Lakh Thirteen Thousand Three Hundred only.							Total	Packing & Forwarding	Round Off	Net Amount

Terms & Conditions:-

Taxes: SGST @ 9% & CGST @ 9% Inclusive of above price

Payment Terms: 100% Advance.

Freight: As Actual.

Delivery: Immediate

**For Singh Construction Co.**

For Singh Construction Company *Average*
Auth. Signatory

Authorised Signatory



VALECHA
INTEGRATED INFRASTRUCTURE

VALECHA ENGINEERING LIMITED
(AN ISO 9001 – 2008 COMPANY)

WORK ORDER

Ref:	WO/VEL/ROAD MARKING WORK/SGPL/NETARHAT/2018 / 03	Date:	04.05.2018
------	--	-------	------------

To:

SHARDA GENPOWER PVT. LTD.
Hill View Lane, Ratu Road, Ranchi - 834001

K. Attn:	Mr. Rishabh Singhania
Email:	rishabh@prismoline.com, info@prismoline.com
PAN :	AAPCS1562H
GST:	20AAPCS1562H1ZG
Mob no.:	+91 9199960666, +91 8319510894

Dear Sir,

Subject :	Work order for Thermoplastic Road Marking Application for Strengthening, Widening and Reconstruction of Ghaghra-Netarhat (SH-9) Road to two lane without paved shoulder on Engineering Procurement & Construction (EPC) mode Km 0/00 to km 54.30.
------------------	--

With reference to your quotation no Nil dated 02.05.2018 and subsequent negotiations held with you, we are pleased to place this order on you for **Thermoplastic Road Marking Application** for Strengthening, Widening and Reconstruction of Ghaghra-Netarhat (SH-9) Road to two lane without paved shoulder on Engineering Procurement & Construction (EPC) mode Km 0/00 to km 54.30. As per terms and conditions as detailed below:

ANNEXURE

Sr. No.	Description	Unit	Quantity	Rate	Amount [Rs.]
1	Providing and laying pavement marking with hot applied thermoplastic material completed as per drawing and Technical Specifications. a) Lane / Centre line/ Edge marking/ Transverse marking and any other marking. (Including Material, Labour, Tools and tackles, machinery etc.)	Sq. Mtr.	12983		

NOTE: - Quantity mentioned in Annexure is tentative and bill will be certified as per executed quantity at site and duly certified by Project In-charge.

A.	PRICES :
1	The above price are Inclusive of all taxes & duties
2	The above prices are Inclusive of GST @18%



JINDAL STEEL & POWER LIMITED

JINDAL STEEL AND POWER LIMITED
SH-63, Chandipura Road, Jindal Nagar ANGUL-759111
ORISSA
Ph:-06761-254191-95 Fax:-06761-254144

JRF/AN/2/1/RP-16

WORK ORDER

Vendor:82584
SIHARDA GENPOWER PRIVATE LIMITED
HILL VIEW LANE, RATJ ROAD, NEAR
PAHARI MANDIR, OPP DURGA MANDIR
RANCHI 834001
Jharkhand, India
GSTIN No: 21AVHPUS1582H1ZG
Sales Person / Tel No : / Email: info@prishtech.com

Work Order No: 4561523249
Work Order Date: 10.12.2010
Buyer Code / Name: 647 / Sanjay Kar
Email ID: sanjaya@ongul.japl.com
Phone No./Ext: 06761254144/
Mobile No.: 8777440360
CST IN: 21AAACJ7007D125
CIN No: 127105HR1976PLC00991E

Please carry out the following services as per the terms and conditions mentioned below.

Item	Activity	Activity Description	Qty	UOM	Unit Price	Discount%	Net Amt (INR)
10		THEMOPLASTIC PAINT	1.000	AU			
10	110004558	PROVIDING & APPLYING 2.5 MM HOT THERMOPLASTIC PAINT	500.000	M2			
		SAC Code : 005473					
		PROVIDING AND APPLYING 2.5 MM THICK ROAD MARKING STRIPS (RETRO REFLECTIVE) ON B TUMBLING ROAD OF SPECIFIED SHADE/COLOUR USING HOT THERMOPLASTIC MATERIAL BY FULLY SEMI-AUTOMATIC THERMOPLASTIC PAINT APPLICATOR MACHINE DRIVEN BY EXPERIENCED OPERATOR INCLUDING COST OF MATERIAL, LABOUR, T&P, CLEANING THE ROAD SURFACE OF ALL DIRT, SEALS, OIL, GREASE AND FOREIGN MATERIAL ETC. COMPLETE AS PER DIRECTION OF ENGINEER-IN-CHARGE					
		IN: Integrated GST	18				22500
		Service Start date	Service End Date				
		10.12.2010	28.02.2011				
		Service Point: Angul Technical CommonAngul					
20		THEMOPLASTIC PAINT	1.000	AU	100,000.00		100,000.00
10	110004292	APPLY CONCRETE PRIMER F/THERMOPLAST ROAD	500.000	M2	380.00		190,000.00
		SAC Code : 038718					
		CONCRETE PRIMER FOR THERMOPLASTIC ROAD MARKING OR CONCRETE RUN-ACE# PROVIDING AND APPLYING 2.5 MM THICK ROAD MARKING STRIPS (RETRO-REFLECTIVE) ON CONCRETE ROAD OF SPECIFIED SHADE/COLOUR USING HOT THERMOPLASTIC MATERIAL BY FULLY SEMI-AUTOMATIC THERMOPLASTIC PAINT APPLICATOR MACHINE DRIVEN BY EXPERIENCED OPERATOR INCLUDING COST OF MATERIAL, LABOUR, T&P, CLEANING THE ROAD SURFACE OF ALL DIRT, SEALS,					

for JINDAL STEEL & POWER LIMITED



CONSTRUCTION CO. PVT. LTD.

Plot No. 137, Avtar Enclave, Paschim Vihar,
New Delhi Delhi-110063
Phone No. +91 11 45088679
Website: www.sccgroup.co.in E-Mail: info@sccgroup.co.in
GST Reg. No. : 07AACCS2475A1ZP P.A.N. No. : AACCS2475A

Purchase Order

To,

Sharda Genpower Pvt. Ltd.

Purch. Order No. : PO-HO/CV/2020-21/062

Hill View Lane, Opposite Durga Mandir, Ratu Road, Ranchi, 834001

Purch. Order Dt. : 09 June, 2020

RANCHI-834001

Indent No. :

GST No. : 20AAPCS1562H1ZG

Indent Date :

Kind Attention:

Please supply the for civil work at our as per the following details given below.

Sr. No.	HSN/SAC Code	Description	Quantity	UOM	Rate	Discount	GST %	Amount
1	7210	METAL CRASH BARRIER (W-PROFILED)SINGLE SIDE SINGLE Single Side Single Beam of 3 mm section having width of 312 mm and depth of corrugation as 83 mm, hot dip Galvanised of zinc coating 550 g/sqm, as per morth specification .The Post channel section of 150mm x75mm x 5 mm thick x 1800 mm long. Hot dip Galvanised of zinc coating@ 550g/sqm.	900	MTR	1,275.00	0.00	0	11,47,500.00
2		The Spacer channel section of 150mm x75mm x 5 mm thick x 330 mm long. Hot dip Galvanised of zinc coating@ 550g/sqm.	0		0.00	0.00	0	0.00
3		Hex bolt of M16:40 with nut bolts and Washer	0		0.00	0.00	0	0.00
4		Round bolt of M16:40 with nut bolts and Washer	0		0.00	0.00	0	0.00
5			0		0.00	0.00	0	0.00
Total Qty						Sub-Total Amount		11,47,500.00
						Round Off Amount		0.00
						Gross Amount (Incl. Taxes)		11,47,500.00

**** ELEVEN LAKH FORTY SEVEN THOUSAND FIVE HUNDRED RUPEES AND ZERO PAISA ONLY

Terms & Conditions

- (1) GST @18% EXTRA
- (2) Delivery Urgent Basis
- (3) Material Must Be Properly packaged and PO no mention on all invoices.
- (4) Damaged materials any discrepancy (material & Qty) and delay in supply will not be accepted

09-06-2020 11:07:20 WIN-D1QVP8BAG6\SANJAYSHARMA

Page 1/2



Transportation Safety Division



This is to certify that M/s SHARDA INFRASOLUTIONS PVT LTD
located at Ranchi
is an Authorized Converter* for Road Signages made using
Retroreflective Sign Sheeting of 3M Traffic Safety & Security Division.

(* as per the mutually signed agreement)

Pawan Kumar Singh
Executive Director
Transportation & Electronics Business Group

Valid until 31st December 2023

3M India Limited
Plot Nos 48-51, Electronic City, Hosur Road, Bangalore – 560 100
www.3m.com/in/tss



Transportation Safety Division



This is to certify that M/s SHARDA INFRASOLUTIONS PVT LTD
located at Ranchi
is an Authorized Converter* for Road Signages made using
Retroreflective Sign Sheeting of 3M Traffic Safety & Security Division.

(* as per the mutually signed agreement)

Pawan Kumar Singh
Executive Director
Transportation & Electronics Business Group

Valid until 31st December 2022

3M India Limited
Plot Nos 48-51, Electronic City, Hosur Road, Bangalore – 560 100
www.3m.com/in/tss



Transportation Safety Division



3M Authorized Converter



This is to certify that M/s **SHARDA GENPOWER PVT. LTD.**
located at **Ranchi, Jharkhand**
is an Authorized Converter* for Road Signages made using
Retroreflective Sign Sheeting of 3M Traffic Safety & Security Division.

Pawan Kumar Singh
Sr. General Manager – Transportation Safety Division

(* as per the mutually signed agreement)

Valid until 31st December 2021

3M India Limited
Concorde Block, UB City, 24, Vittal Mallya Road, Bangalore - 560001
• Tel: +91 80 2223 1414

CERTIFICATE

PRASHNOLI
SAFETY IS VISIBLE

Form No : NTH/ALP/F/5A



सत्यमेव जयते

TEST CERTIFICATE



भारत सरकार

उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय

Government Of India

Ministry Of Consumer Affairs, Food and Public Distribution

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)

National Test House

11/1, जजेस कोर्ट रोड, अलीपुर, कोलकाता-700 027.

11/1, Judges' Court Road, Alipur, Kolkata - 700 027

Phone : 91-33-2479-3510/2449-8027/2479-1534, Fax : 91-33-2449-8026

email : nthcal@wb.nic.in



भारत सरकार Government of India
 राष्ट्रीय परीक्षण शाला (पू.क्ष.)
National Test House (ER)
 राष्ट्रीय परीक्षण शाला (पू.क्ष.), 11/1, जजेत कोट रोड, अलीपुर, कोलकाता, पश्चिम बंगाल - 700027
 11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



PART A. PARTICULARS OF SAMPLE SUBMITTED

COMPLETE TEST CERTIFICATE

भाग 'A' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र में/Test Certificate No: NTH(ER)/CH(P)/23/3099_1	SRF Number: NTH(ER)/CH(P)/23/3099	जारी होने की तिथि/Date of issue 16 Mar, 2023	कोड में/QR Code : NTH230018048
a) जिसे जारी करना है/Issued To : SHARDA INFRASOLUTIONS PRIVATE LTD			
b) पता/Address : 36 (P), Phase-II, Industrial Area ,Tatisilwai Ranchi-835103 JHARKHAND, Ranchi, Ranchi, Jharkhand , India - 835103, RANCHI, Ranchi, Jharkhand , India - 835103			
c) याहूक का संदर्भ से एवं दिनांक/ Customer's Ref. No. : 21022023			
d) नमूना सुहृत्त रिप्टि/Sample Sealed Status : Not Applicable			
e) परीक्षण सामग्री का विवरण/ Description of Test item : THERMOPLASTIC ROAD MARKING MATERIAL BRAND NAME-PRISMOLINE PREMIUM GRADE BATCH NO-B.13.23/A1 MANUFACTURED DATE-13/02/2023 MANUFACTURED BY-SHARDA INFRASOLUTIONS PRIVATE LTD			
f) नमूना का विविधता (यदि हो)/ Product Specification(if any) : MORTH 803 (2013) - Ministry of Road Transport and Highways - Specifications form Road And Bridge Works			
g) नमूना प्राप्ति की तिथि /Date of Receipt of the Test item : 28 Feb, 2023			
h) कार्य सम्पादन की तिथि /Date(s) of Performance of Tests : From: 01 Mar, 2023 To: 16 Mar, 2023			
i) Quantity : 25.0 KGS			
j) Any other Information / Expiry Date, If any : AS per MORT&H 803.4			
k) Section Code : 23CHPFE79N			
l) Section Report No. : 23CHPFE79N_1			
m) Report Type : New			
n) Reference Report No. :			
o) Remarks : Report sent			

Bipin Kumar
OIC SAMPLE CELL
 (Authorized Signatory)
 Authorized on: 16 Mar, 2023 14:24 PM

The certificate relates only to Test/Calibration item submitted to the laboratory for Testing/Calibration. This certificate cannot be reproduced except in full without written approval of the competent Authority of NTH.

अजय अप्पाराओ उकरांडे / Ajay Apparao Ukarande
 सैन्यात्मक वैज्ञानिक (पूर्ण रूप) / Scientist B (Chemical)
 राष्ट्रीय परीक्षण शाला (पू.क्ष.) / NATIONAL TEST HOUSE (ER)

राष्ट्रीय परीक्षण शाला (पू.क्ष.) / NATIONAL TEST HOUSE (ER)
 राष्ट्रीय परीक्षण शाला, खाद्य एवं सांस्कारिक विभाग पश्चिम बंगाल
 Ministry of Consumer Affairs, Food & Public Distribution
 डप्टोमेंट ऑफ कंस्युरर एवं फूड एंड पब्लिक डिस्ट्रिब्युशन
 अलीपुर, कोलकाता -27 / Alipore, West Bengal - 700027



भारत सरकार Government of India
 राष्ट्रीय परीक्षण शाला (पू.क्ष.)
National Test House (ER)
 राष्ट्रीय परीक्षण शाला (पू.क्ष.), 11/1, जेंडर कोट रोड, अलीपुर, कोलकाता, पश्चिम बंगाल - 700027
 11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



Section Report No. : 23CHPFE79N_1

MORTH 803 (2013)

PART B. SUPPLEMENTARY INFORMATION

- | | | |
|-----|--|--|
| 1. | मरुना लेने की प्रक्रिया का संदर्भ, जहाँ लागू हो।
Reference to sampling procedure, wherever applicable. | Not Applicable |
| 2. | परीक्षण ट्रिपोट से संबंधित मापन एवं परिमाण प्रति हेतु सम्मापक व्यापक व्यापक दर्शन जैसे याक, तालिका, चित्र और / अथवा चांदायाक, यदि कोई हो।
Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any. | Not Applicable |
| 3. | मन्त्रभूत मानक / कार्य निर्देश में निर्धारित परीक्षण पद्धति से विचलन, यदि कोई हो।
Deviation from the test methods as prescribed in relevant ISS/ Work instruction, if any. | Not Applicable |
| 4. | परीक्षण सामग्री की व्यवाहार/Identification of Test item | THERMOPLASTIC ROAD MARKING MATERIAL BRAND NAME-PRISMOLINE PREMIUM GRADE BATCH NO-B.13.23/A1 MANUFACTURED DATE-13/02/2023 MANUFACTURED BY-SHARDA INFRASOLUTIONS PRIVATE LTD |
| 5. | व्यावहारिक प्राणान्ती की व्यवाहार/Method(s) used for Test | On the lines of BS 3262 Part 1:1989&MORT&H |
| 6. | मरुना प्रक्रिया जहाँ प्रामाणिक हो/Sampling Procedure where relevant | As per Specification. |
| 7. | पर्यावरण की स्थिति/Environmental Conditions | |
| 8. | उपयोग किए जाने वाले प्रमूख मानक/उपकरण/Major Standards/Equipments used | Hunter lab Colour Flex, Muffle furnace, Ring &Ball Softening point app |
| 9. | कैलिब्रेशन स्थल/Site of Calibration | NA |
| 10. | मापन का पता नगाने की क्षमता/Traceability of Measurement | |

AJAY APPARAO UKARANDE
 OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
 (Authorized Signatory)
 Authorized on: 16 Mar. 2023 11:24 AM

This is a Computer Generated Report.

अजय अप्पाराव उकरांडे / Ajay Apparao Ukarande
 सैंकेन्ट-बी (गायन) / Scientist -B (Chemical)
 भारत सरकार / Government of India
 राष्ट्रीय परीक्षण शाला (पू.क्ष.) / NATIONAL TEST HOUSE (ER)
 उपभोक्ता मायले, खाद्य एवं सार्वजनिक वितरण मंत्रालय
 Ministry of Consumer Affairs, Food & Public Distribution
 उपभोक्ता मायले विभाग / Department of Consumer Affairs
 अलीपुर, कोलकाता -27 / Alipore, Kolkata-27



भारत सरकार Government of India
 राष्ट्रीय परीक्षण शाला (पू.से.)
National Test House (ER)
 राष्ट्रीय परीक्षण शाला (पू.से.), 11/1, जजेस कोट रोड, अलीपुर, कोलकाता, पश्चिम बंगाल - 700027
 11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



Section Report No. : 23CHPFE79N_1

MORTH 803 (2013)

PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	803.4.2	Glass Bead content % (BS 3262 (Part 1))	-	-	-	%	31.3 (%)
2	803.4.2	Calcium carbonate and Inert fillers (BS 3262 (Part 1))	percent	0.0	42.0	Percent	37 (Percent)
3	803.4.2	Luminance (White)	percent	65.0	-	Percent	84 (Percent)
4	803.4.2	Titanium Dioxide, as TiO ₂ % by mass (BS 3262 (Part 1))	-	-	-	-	10.3 (%)
5	803.4.2	Softening point (BS 3262 (Part 1))	Deg.C	93.0	112.0	Deg.C	93.5 (Deg.C)
6	803.4.2	Flow resistance (BS 3262 (Part 1))	Percent	0.0	25.0	Percent	2.9 (Percent)
7	803.4.2	Binder Content % by mass (BS 3262 (Part 1))	-	18.0	-	%	21.2 (%)
8	803.4.2	Cracking Resistance (BS 3262 (Part 1))	-	-	-	-	Satisfactory, the sample shows no cracks on application to concrete block after keeping at 0 deg.C for 72 Hrs.
9	803.4.2	Drying Time	Minutes	0.0	15.0	Minutes	5 (Minutes)
10	803.4	Colour	white/Yellow	-			White

SONA RAM BASKEY
 Lab Sc. Testing/Calibration Chemical (Paint, High Polymer,
 Outdoor)
 (Authorized Signatory)

AJAY APPARAO UKARANDE
 OIC Testing/Calibration Chemical (Paint, High Polymer,
 Outdoor)
 (Authorized Signatory)
 Authorized on: 16 Mar, 2023 11:24 AM

This is a Computer Generated Report.

अजय अपाराव उकरांड / Ajay Apparao Ukarande
 सैंकेतिक नो : १०३५४९ / Scientist-B (Chemical)
 भारत सरकार / Government of India
 राष्ट्रीय परीक्षण शाला (पू.से.) / NATIONAL TEST HOUSE (ER)
 उपभोक्ता माध्यम, भ्राद्रण एवं सार्वजनिक नितरांग संचालन
 Ministry of Consumer Affairs, Food & Public Distribution
 उपभोक्ता माध्यम / Department of Consumer Affairs
 अलीपुर, कोलकाता -27 / Alipore, Kolkata-27



भारत सरकार Government of India

राष्ट्रीय परीक्षण शाला (पू.क्ष.)

National Test House (ER)

राष्ट्रीय परीक्षण शाला (पू.क्ष.), 11/1, जूड़ेस कोट्टे रोड, अलीपुर, कोलकाता, पश्चिम बंगाल - 700027
11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



MORTH 803 (2013)

Section Report No. : 23CHPFE79N_1

PART D. REMARKS

In respect of tests carried out the sample meets the requirements of CI 803.4.1 of MORTH for Thermoplastic Road Marking Material.

PART D. Notes

NIL

AJAY APPARAO UKARANDE

OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)

(Authorized Signatory)

Authorized on: 16 Mar, 2023 11:24 AM

This is a Computer Generated Report.

अजय अपाराव उकराड / Ajay Apparao Ukarande
वैज्ञानिक वर्ग (गतिविधि) / Scientist-B (Chemical)
भारत सरकार / Government of India
राष्ट्रीय परीक्षण शाला (पूर्ण क्षेत्र) / NATIONAL TEST HOUSE (ER)
मन्त्रालय भवन, खाद्य एवं सार्वजनिक वितरण मंत्रालय
उपभोक्ता वापसी विभाग / Department of Consumer Affairs
अलीपुर, कोलकाता-27 / Alipore, Kolkata-27



भारत सरकार
Government of India

FORM NO : NTH/ALP/F/5



राष्ट्रीय परीक्षण शाला (पूर्वो क्षेत्र)

National Test House (Eastern Region)

11/1 जजेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027

11/1, Judges' Court Road, Alipore, Kolkata - 700 027

परीक्षण प्रमाण पत्र

TEST CERTIFICATE

INTERIM/FINAL REPORT

एग्रीण प्रमाण पत्र नं
Test Certificate No
NTH(ER)/CH(P)/2016/00268

जारी होने की तिथि
Date of Issue
05/08/2016

कोड नं
Code No
1469445318371

पृष्ठ
Page
1

पृष्ठों की संख्या
No of Pages
4

जिसे चारी करना है
Issued To

पता
Address

SHARDA GENPO-WER PVT. LTD.

Ranikunj

Pahari Mandir Lane, Ratu Road, Ranchi--834001

ग्राहक का सन्दर्भ सं एवं दिनांक
Customer's Ref. No.

NIL

Date: 19/08/2016

पंजिका सं एवं दिनांक
Register No & Date

00268/NTH(ER)/CH(P)/26/07/2016

परीक्षण सामग्री का विवरण
Description of Test Item

Thermoplastic road marking material.

परीक्षण सामग्री का पहचान
Identification of Test Item

Id Mark: PRISMOLINE

नमूना का विशिष्टि (यदि हो)
Product Specification (If any)

CI 803.4 of MOST

नमूना प्राप्ति की तिथि
Date of Receipt of the Test Item

25/07/2016

कार्य सम्पादन की तिथि
Date(s) of Performance of Tests

From: 26/07/2016 To: 05/08/2016

व्यावहृत प्रणाली का पहचान
Method(s) used for Test

As per BS:3262, Part-2, 1989

नमूना प्रक्रिया चर्ही प्राचंगिक हो
Sampling Procedure where relevant

As per Specification.

Tested By

Parbati Manjhi
SO Chemical

Checked By

Ratna Sarkar De
Scientist-SD(Chemical)

Approved By

Ratna Sarkar De
5/08/16
Scientist-SD(Chemical)



संस्थान नम्बर

भारत सरकार

Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)

National Test House (Eastern Region)

11/1 जजेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027

11/1, Judges' Court Road, Alipore, Kolkata - 700 027

परीक्षण प्रमाण पत्र

FORM NO : NTH/ALP/F/5



परीक्षण प्रमाण पत्र ये
Test Certificate No
NTH(ER)/CH(P)/2016/00268

TEST CERTIFICATE

INTERIM/FINAL REPORT

Sl. No.	Test Name	जारी होने की तिथि Date of Issue	कोड नं Code No	पृष्ठ Page	पृष्ठों की संख्या No of Pages
1		05/08/2016	1469445318371	2	4
2	Drying time		White.		Limit
3	Colour				White or Yellow.
4	Binder content, per cent by mass		About 5 mins		Not more than 15 min.
5	Softening Point, deg. C		20.1%		Min. 18%
	Luminance Factor, Day light, percentage		93		102.5 (+/- 9.5)
			86		White: Min. 65, Yellow: Min. 45

Tested By

Parbati Manjhi
SO Chemical

Checked By

Ratna Sarkar De
Scientist-SD(Chemical)

Approved By

Ratna Sarkar De
Scientist-SD(Chemical)



परीक्षण प्रमाण पत्र राज्य
Test Certificate No
NTH(ER)/CH(P)/2016/00268

भारत सरकार

Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)

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परीक्षण प्रमाण पत्र

FORM NO : NTH/ALP/F/5



TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र राज्य
Test Certificate No
NTH(ER)/CH(P)/2016/00268

जारी होने की तिथि

Date of Issue

05/08/2016

कोड नं

Code No

1469445318371

पृष्ठ

Page
3

पृष्ठों की संख्या

No of Pages
4

Sl. No.	Test Name	Test Result	Limit
6	Flow Resistance	Satisfactory. No change in the height of cone after 48 hrs.	Not more than 25%
7	Solid glass bead content, percent by mass	32%	30%-- 40%
8	Pigment (as Titanium Oxide), per cent by mass	10.4%	10%, Min.
9	Cracking resistance when applied on concrete block	Satisfactory. The material shows no cracks on application to concrete block after keeping 72 hrs at 0 deg.C	The material shall show no cracks on application to concrete blocks
10	Calcium carbonate & inert fillers, percent by mass	36.7%	Max. 42%

Tested By

Parbati Manjhi

SO Chemical

Checked By

Ratna Sarkar De

Scientist-SD(Chemical)

Approved By

Ratna Sarkar De

Scientist-SD(Chemical)



सत्यमेव जयते

भारत सरकार

Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)

National Test House (Eastern Region)

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11/1, Judges' Court Road, Alipore, Kolkata - 700 027

परीक्षण प्रमाण पत्र

FORM NO : NTH/ALP/F/5



परीक्षण प्रमाण पत्र

Test Certificate No
NTH(ER)/CH(P)/2016/00268

TEST CERTIFICATE

INTERIM/FINAL REPORT

Sl. No.	Test Name	Test Result	Limit
टिप्पणी Note :			
कैफियत Remarks	In respect of the tests carried out, the sample meets the requirements of the above noted specification.		

Tested By

Parbati Manjhi
SO Chemical

Checked By

Ratna Sarkar De
Scientist-SD(Chemical)

Approved By

Ratna Sarkar De
Scientist-SD(Chemical)

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Headquarters**Director General,
National Test House**

Block-CP, Sector-V, Salt Lake City, Kolkata-700 091
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Fax: 91-33-2367-3868/3869
e-mail:dgnth-wb@nic.in

Your valued feedback will help us to improve

KETKI CONSULTANCY ENGINEERING SERVICES

CIVIL ENGINEERING CONSULTANCY

KARAM TOLI CHOWK, OPP. KARAM TOLI TALAB
RANCHI - 834008, JHARKHAND
MOB. NO. - 9234657476, 9234657477, 7004043636
E-Mail: kcesranchi@gmail.com



TEST OF THERMOPLASTIC ROAD MARKING MATERIAL

(As Per BS: 3262. Part-2, 1989)

Ref No:-	KCES/SGPL/TRMM	Date of Issue:-23/11/2019
Name of Client:-	Sharda Genpower Pvt. Ltd.	
Address:-	Pahari Mandir Lane, Ratu Road, Ranchi-834001	
Name of Material:-	Thermoplastic Road Marking Material	
Name of Test Item:-	Prismoline	
Product Specification:-	CI 803.4 of Most	
Method(S) Used for Test:-	As per BS:3262, Part-2, 1989	
Received Date:-	12/11/2019	
Date for Tests:-	15/11/2019 To 20/11/2019	

Sl No.	Test Name	Test Result	Limit
1	Colour	White	White or Yellow
2	Drying time	About 6 mins	Not more than 15 Min.
3	Binder content, percent by mass	20.15%	Min. 18 %
4	Softening Point deg. C	92.5	102.5 (+/- 9.5)
5	Luminance Factor Day light, percentage	85.90	White: Min 65, Yellow min. 45
6	Flow Resistance	Satisfactory. No change in the height of cone after 48 hrs.	Not more than 25%
7	Solid Glass bead Content, Percent by mass	34.5%	30% to 40%
8	Pigment (as Titanium Oxide). percent by mass	10.5%	10% min
9	Cracking resistance when applied on concrete block	Satisfactory. The Material shows no cracks on application to concrete block after keeping 72 hrs at 0 deg. C	The material shall show no cracks on application to concrete block
10	Calcium carbonate & insert fillers, percent by mass	36.00%	42 %



Naveen Kumar

Naveen Kumar
B.E. Mech. B.I.T. Mesra
KETKI Consultancy Engg. Services
Karam Toli Chowk, Ranchi

Praveen Kumar

Praveen Kumar
B.E. Civil, B.I.T. MESRA
KETKI CONSULTANCY ENGS. SERVICES





C & I SYSTEMS

Civil Testing Certified Laboratory

H-13(d), Electronic Complex,
Road No. 1, I.P.L.A., KOTA-324005 (Raj.)
Phone : 0744-2434994
Mob. : +91-8003095306
E-mail : civiltestinglab@gmail.com



Cert. No.: 18046147507

Report No: - C&I/ 191431

Date: -05.12.2019

TEST REPORT

Name of Customer	SHARDA GENPO-WER Pvt. Ltd. Pahari Mandir Lane, Ratu Road, Ranchi-834001
Reference No.	SRF, Date: - 25.11.2019
Lab. Job No.	191431
Sample Receipt Date	25.11.2019
Name of Work	---
Material/ Material Identification	Thermoplastic road making material.
Test Method	BS: 3262- (Part-2)1989
Make/Source	PRISMOLINE
Date of Testing	05.12.2019

TEST RESULTS

S.No.	Parameters	Results	Permissible Limits As per MoRth Clause 803.4
1.	Colour	White	White or Yellow
2.	Drying Time, (Min.)	About 7 min.	Not more than 15 Min.
3.	Binder content, (%)	20.3	Min. 18%
4.	Softening Point, (°C)	96	102.5 ± 9.5
5.	Luminance Factor, Day light, (%)	84	White: Min. 65, Yellow: 45
6.	Flow Resistance	Satisfactory. No change in the height of cone after 48 hrs.	Not more than 25%
7.	Solid glass bead content, (%)	32	30% - 40%
8.	Pigment (as Titanium Oxide), (%)	10.3	Min. 10%
9.	Cracking resistance when applied in concrete block	Satisfactory. The material shows no cracks on application to concrete block after keeping 7.2 hrs at 0 deg.C	The material shall show no cracks on application to concrete blocks
10.	Calclum carbonate & inert filler, (%)	36.1	Max. 42%

Remarks: - In respect of the tests carried out, the sample meets the requirements of the above noted specification.

Ramjiwala
Checked by:



Ramjiwala
Authorized Signatory

Note: -

1. The test result refers only to the samples received in the Laboratory.
2. This report shall not be reproduced except in full without written approval from C&I SYSTEMS Laboratory.
3. Any discrepancy in test results should be reported within 15 days from the date of report.
4. C&I SYSTEMS Laboratory shall not in any way be involved in any action following the interpretation of test results.

End of Report

Page 1 of 1

KETKI CONSULTANCY ENGINEERING SERVICES

CIVIL ENGINEERING CONSULTANCY

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TEST OF THERMOPLASTIC ROAD MARKING MATERIAL

(As Per BS: 3262, Part-2, 1989)

Ref No:-	KCES/SGPL/TRMM	Date of Issue:-08-09-2020
Name of Client:-	Sharda Genpower Pvt. Ltd.	
Address :-	Pahari Mandir Lane, Ratu Road, Ranchi-834001	
Name of Material:-	Thermoplastic Road Marking Material.	
Name of Test Item:-	Prismoline	
Product Specification:-	CI 803.4 of Most	
Method (S) Used for Test:-	As Per BS: 3262, Part-2, 1989	
Received Date:-	05-09-2020	
Date for Tests:-	06-09-2020 to 08-09-2020	

SI No	Test Name	Test Result	Limit
1	Colour	Green	As Per BS: 3262, Part-2, 1989
2	Drying Time	About 7.0 mins	Not More than 15 min.
3	Binder Content, Percent by Mass	20.19%	Min. 18%
4	Softening Point deg. C	92.8	102.5(+/-9.5)
5	Luminance Factor Day Light, Percentage	85.80	As Per BS: 3262, Part-2, 1989
6	Flow Resistance	Satisfactory. No Change in the height of cone after 48 hrs.	Not More than 25%
7	Solid Glass bead Content Percent by mass	34.4%	30% to 40%
8	Pigment (as Titanium Oxide). Percent by Mass	11.1%	10% min
9	Cracking resistance when applied on Concrete block	Satisfactory. The Material shows no cracks on application to Concrete block after keeping 72 hrs at 0 deg. C	The Material shall show no cracks on application to concrete block
10	Calcium carbonate & insert fillers, present by mass	37.00%	42%

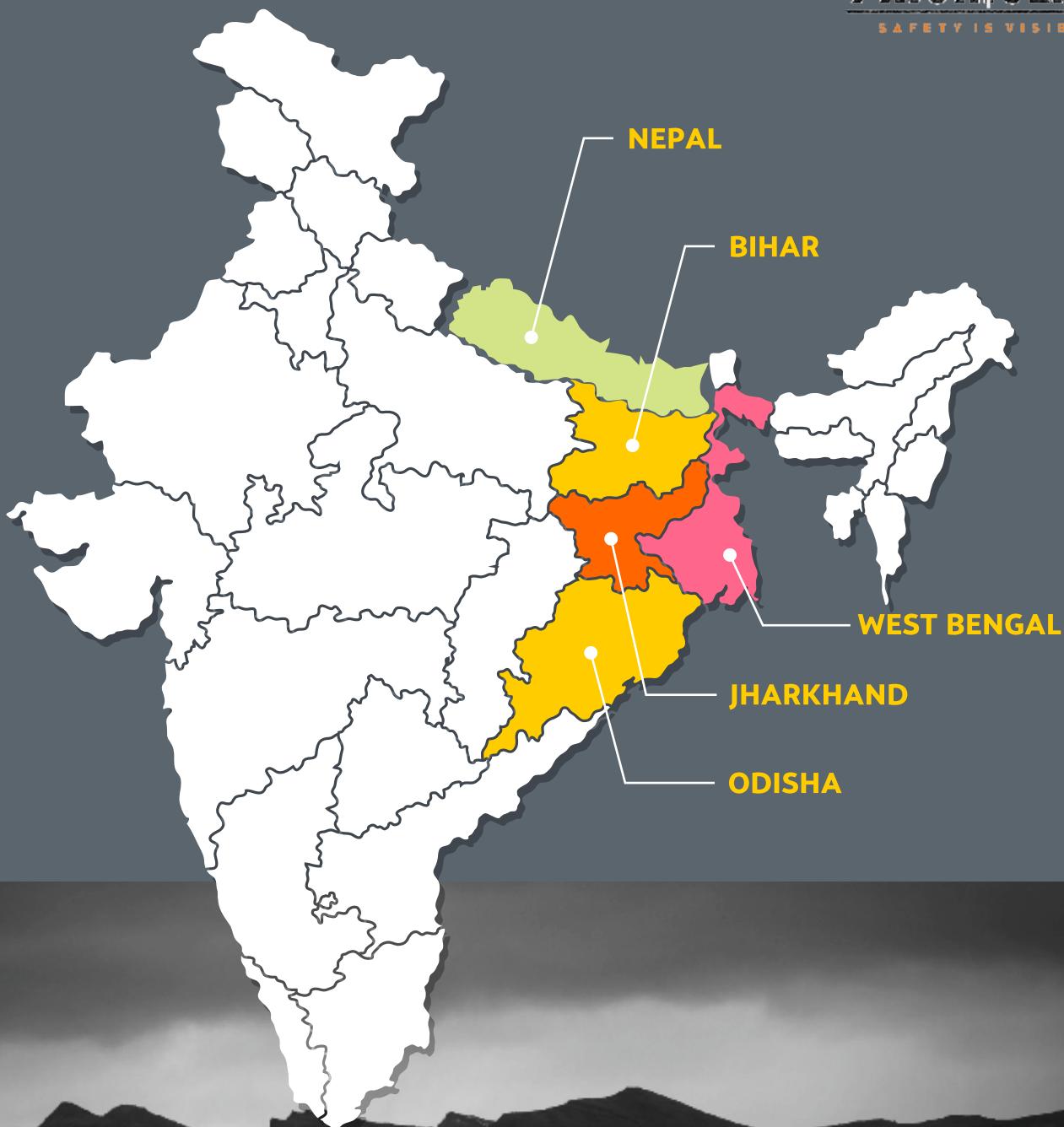


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KETKI CONSULTANCY ENGG. SERVICES

Institution of Engineer Member (India) : M-1603579, M-1603587
Institute of Applied Quality Management : IQA/17025/18-3-12
R.R.D.A. Registration : 0038/2015/RRDA
Dated : 06.09.2020





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