

**PRISMOLINE<sup>®</sup>**

SAFETY IS VISIBLE



# **THERMOPLASTIC** ROAD MARKINGS

PRISMOLINE

# 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 Infrasonolutions 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/](http://www.facebook.com/prismoline/)

***Thanks & Regard,***

***Sharda Infrasonolutions Pvt Ltd.***  
*(Formerly known as Sharda Genpower Pvt Ltd)*



भारत सरकार  
Government of India  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
Ministry of Micro, Small and Medium Enterprises



## UDYAM REGISTRATION CERTIFICATE



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>SNo.</th> <th>Udyog Aadhaar Memorandum</th> <th>Units Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>JH2000011556</td> <td>SHARDA GENPOWER PVT LTD</td> </tr> </tbody> </table>		SNo.	Udyog Aadhaar Memorandum	Units Name	1	JH2000011556	SHARDA GENPOWER PVT LTD														
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Mobile	9199960666	Email:	rlshabb@prisonline.com																			
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	13/12/2009																					
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	01/07/2017																					
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DATE OF UDYAM REGISTRATION	12/10/2020																					

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Printed from <https://udyamregistration.gov.in>

For any assistance, you may contact:

1. DIC RANCHI
2. MSME-DI RANCHI

Visit : [www.msme.gov.in](http://www.msme.gov.in) ; [www.dcmsme.gov.in](http://www.dcmsme.gov.in) ; [www.champions.gov.in](http://www.champions.gov.in)

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BE A  
CHAMPION  
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 - $\mu\text{m}$	850	600	300	150	Pan
Minimum	0	5	30	10	0
Maximum	5	20	75	30	15

### 2) Physico-chemical resistance (H<sub>2</sub>O - H<sub>2</sub>SO<sub>4</sub> - CaCl<sub>2</sub> - Na<sub>2</sub>S)

*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

$\geq 1.5$

### 5) Coating type

H

## \*\* PACKAGING & MARKING

**Packaging** : plastic bag 25KG

**Pallet** : 1200kg CP9 T

**Shrinkwrap** : Yes

**Markings** :

## \*\* 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



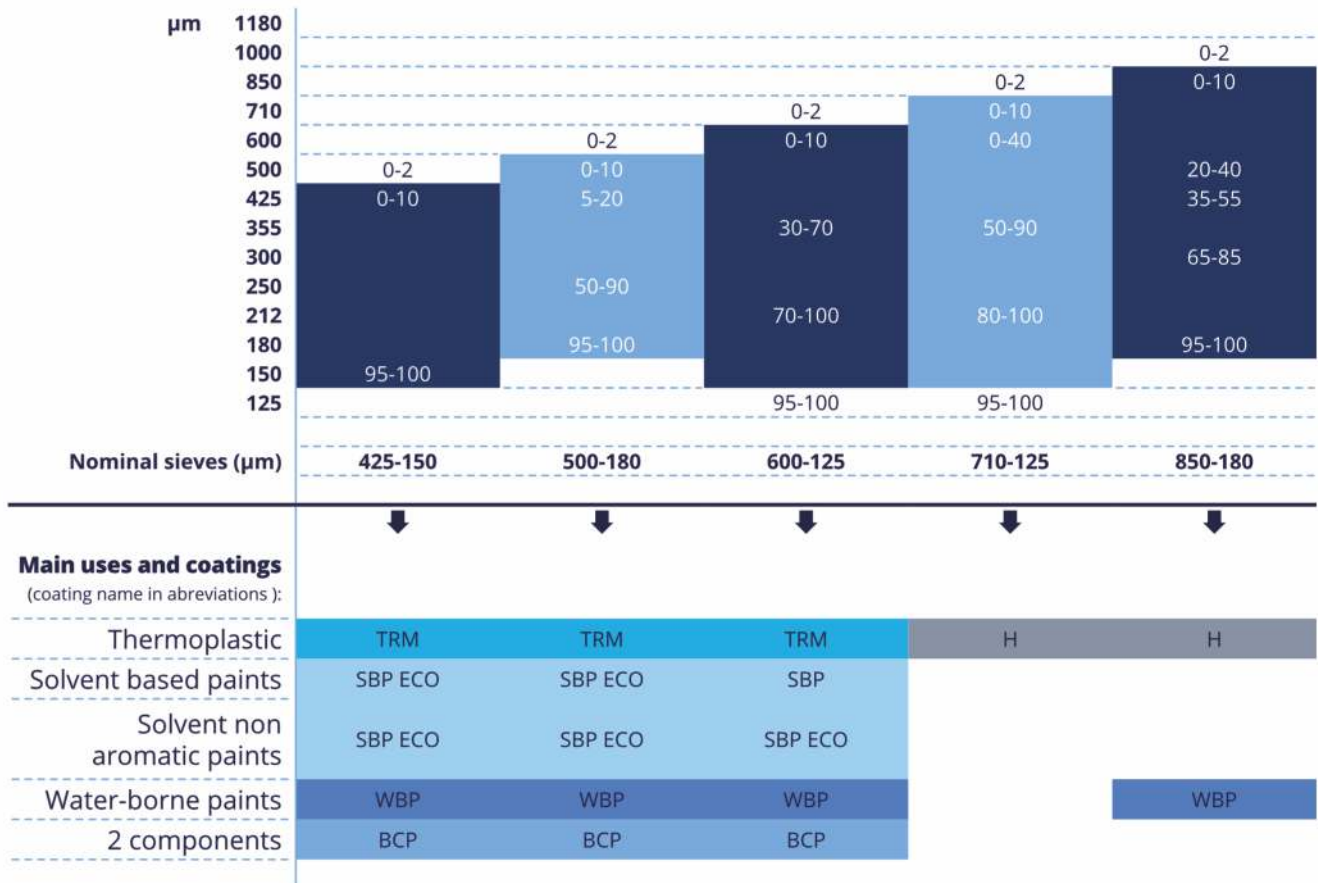
## Technical Data Sheet

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** |



- 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. : 20AAACE1961Q

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.)

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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](http://www.bmgcertification.com) or <https://uafaccreditation.org>



# Prismoline

recognized by **siliconindia** Magazine as

**siliconindia** 10 MOST PROMISING  
**ROAD SAFETY  
PRODUCTS**   
PROVIDERS - 2019

*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.*

  
**Anamika Sahu**  
Managing Editor

## 10 MOST PROMISING ROAD SAFETY PRODUCTS PROVIDERS – 2019

**T**he 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.



### 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 अभियन्ता, तकनीकी परीक्षक कोषांग, मंत्रिमंडल सचिवालय 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-विमर्श करके दोनों विभाग के लिए Common items का चयन करेंगे तथा उसे SOR समिति के समक्ष उपस्थापित 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 विमर्श 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 अभियन्ता, उर्जा विभाग, झारखण्ड, राँची।

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

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियन्ता प्रमुख, पथ निर्माण विभाग, झारखण्ड, राँची।

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह- मुख्य अभियन्ता, जल संसाधन विभाग, झारखण्ड, राँची।

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

सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-मुख्य अभियन्ता, ग्रामीण कार्य विभाग, झारखण्ड, राँची।

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

संयोजक, राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह- मुख्य अभियन्ता, तकनीकी परीक्षक कोषांग, मंत्रिमंडल सचिवालय 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: [barhitheme@gmail.com](mailto:barhitheme@gmail.com)  
CIN: U74210RJ2002PTC017485

Theme/Chordaha-Gorhar/JH/NH-2/2023/1640

Dated 11<sup>th</sup> July, 2023

To,  
Authorised Signatory,  
Reliance Infrastructure Limited,  
EPC Division  
2<sup>nd</sup> 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 NH-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/NHBJG/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 manufactures 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,  
Your's 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](mailto:theme@themeengineering.com)

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

Date: - 02.06.2023

To  
The Project Manager  
VKJ-NSPR(JV)  
C/O Mahesh Nepal, 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 basic 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 MoRI&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 here by approved.

MTC & Third party test report shall be submit in theme office during Marking period.

Thanking you with regards,

  
Resident Engineer  
Technocrats Advisory Services Pvt. Ltd.  
Sikkim Road Projects  
(Resident Engineer)

Copy to:

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



**Theme Engineering Services Pvt. Ltd.**  
Surya Mandir Colony, Onepurbi, Barhi,  
Distt- Hazaribagh-825405, Jharkhand  
Email: [barhitheme@gmail.com](mailto:barhitheme@gmail.com)  
CIN: U74210RJ2002PTC017485

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

**Dated 13<sup>th</sup> 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,**  
**Your's 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](mailto: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: lecjhahazaribagh@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 Infracolution 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 Infracolution Pvt Ltd for thermo plastic road marking.

This office has reviewed credential and MTC of M/S Sharda Infracolutions 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, FIU, 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.22<sup>nd</sup> 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

*J.C. Nath*

(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.

*J.C. Nath*

(J.C. Nath)  
Superintending Engineer, P.W.D.  
N.H. Circle Guwahati, Chandmari, Guwahati-3

*A*  
*01-08-17*



Louis Berger

Ref. No. LBG/TL/BON/Simplex/AS-12 Bal.work/MAT/VOL-11/ 4323  
March 16, 2019

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

Kind Attention : Ms. Deepara 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 NHDP 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 2) 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 equipments 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 (Majpara), P.O. & Dist - Bongaigaon | Assam | India | 783380 | Tel. +91-03664-236836 | E-mail ID : bq189@louisberger.com  
Head Office: Plot no-3, 5<sup>th</sup> Floor Tower-B, Sunder Jakhur Bhawan (IFFCO), Sector 32 | Gurgaon | Haryana | India | 122001 | Tel +91-124-4578200 |

www.louisberger.com



## Theme Engineering Services Pvt. Ltd.

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, Dist.-Barmer-344706, Rajasthan  
Email Id:gagariathe@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

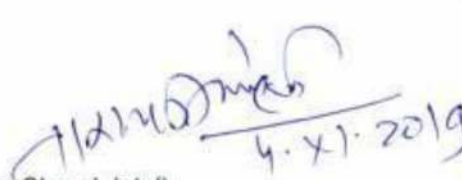
Dear Sir,

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.

  
(Tara Chand Jatol)  
Team Leader cum Sr. Highway Engineer  
Gagaria-Serwa-Bhakasar, Sata-Ghandhav 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.



Blue Print Of Engineering Dreams...

Ayoleeza Consultants Pvt. Ltd.

9 MIG- A/24, Harmu Housing Colony, Ranchi- 834002, Jharkhand  
0651-2244633 | -ranchi.ayoleeza@gmail.com | www.ayoleeza.com

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, Bhattitoli, 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 )

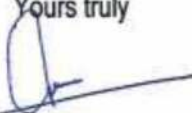
Ref:- BPL/MDR-041/2018-2019/319, dated. 08.03.2019

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 INFRA SOLUTIONS 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.
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 ]	3919909 0	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 ]	3919909 0	10.0000	NOS		0				
<b>Total</b>				<b>15</b>							
						<b>Total</b>					
						<b>GST Amount</b>					
						<b>Round Off</b>					
<b>Rupees: SIXTY FOUR THOUSAND SIXTY TWO ONLY</b>											

### 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 Infrsolutions 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 Infrsolutions 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

*Sumit*  
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.

SI No	Description	No of Pc	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		
	<b>Total&gt;&gt;&gt;&gt;&gt;&gt;</b>	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

**We Construct Relationship**

OFFICE : JASHPUR : College Road, Jashpumagar - 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 : vinodkrmjain@gmail.com, vinodkrm\_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

- a) Advance 30 % Payment of Material Shall be deposited to start the work
- b) 30 % Payment of Material Shall be deposited when material is Dispatched from Factory.
- c) 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 Chhattishgarh.

**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

*Sumit*  
02/05/2023



This Work Order is issued in original and duplicate copy. M/S Sharda Infrasoutions 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

*Sumit*  
*02/05/2023*  
  
(Authorized Signatory)

For & on behalf of Sharda

Infrasoutions Pvt.Ltd

*Binghania.*  
*08/05/23.*  
(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, Telibandha, Raipur - 492006 - C.G., Ph. : +91-771-4006200 - 12

**Email :** vinodkunjain@gmail.com, vinodkunjain@yahoo.com, Visit us : www.nigerseedindia.com



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

Dated:- 04.06.2023

To,  
Sharda Infrsolutions 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 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 mmthick including reflectorizing glass beads @ 250 gms per sqm area -

M/s Vinod Kumar Jain

Authorized Signatory

**We Construct Relationship**

OFFICE RAIPUR : 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 : vinodkunjain@gmail.com, vinodkunjain@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 Infrasoletions 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 Chhattishgarh.

This Work Order is issued in original and duplicate copy. M/S Sharda Infrasoletions 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

Authorized Signatory

(Authorized Signatory)

For & on behalf of Sharda

Infrasoletions Pvt.Ltd

Biuphania .  
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, Telibandha, 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.lntccc.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** : SZ000010 - 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, Tatisilwai, 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** : S9AAACL0140P2ZF  
**Job PAN** : AAACL0140P  
**Vendor GST** :  
**Vendor PAN** : AAPCS156ZH

#### Billing To

Vill - Sheltar Bari  
 Bhutki Hat Post Office  
 -735135  
 CIN-L99999MH1946PLC004768

#### Execution At

Vill - Sheltar 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 bea Additional Description : NA - 1999SODPG [ 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.lntccc.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. : 21OPPOI09098P1, GST No. : 21AABCR1816R1ZB

VENDORS NAME	SHARDA INFRA SOLUTIONS 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@rkdcpil.com

Sl.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
<b>GRAND TOTAL</b>								560,840.00		100,951.20	661,791.20
<b>ADD TCS @0.000</b>										0.00	
<b>GRAND TOTAL PO VALUE</b>										661,791.20	
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.			
<b>CREATED BY</b>		<b>APPROVED BY</b>	<b>APPROVED BY</b>	<b>APPROVED BY</b>	<b>APPROVED BY</b>
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 : 21OPPO09098P1, GST No. 21AABCR1816R1ZB



VENDORS NAME	SHARDA INFRA SOLUTIONS 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	MANAGER	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

<b>To,</b> M/S SHARDA INFRA SOLUTIONS PRIVATE LTD KAMLAKANT 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	
						<b>Total</b>	<b>940800.00</b>
						<b>Transportation</b>	<b>INCLUDING</b>
						<b>Packing &amp; Forwarding</b>	<b>INCLUDING</b>
						<b>Other Charges</b>	<b>INCLUDING</b>

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

FOR Kotwa-Muzaffarpur Tollway Limited

FOR M/S SHARDA INFRA SOLUTIONS 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. : 210PPOI09098P1, GST No. : 21AABCR1816R1ZB



<b>VENDORS NAME</b>	SHARDA INFRA SOLUTIONS PVT.LTD.	<b>PO No.</b>	/56760
<b>ADDRESS</b>	195/B, MANDELIYA NAGAR, BARIATU, BARIATU	<b>DATE</b>	06-May-2022 11:01 AM
<b>PIN CODE</b>	834009	<b>QUOTATION NO.</b>	51352
<b>VENDORS GST No.</b>	20AAPCS1562H1ZG	<b>REQUISITION NO.</b>	47373
<b>VENDOR PAN NO.</b>		<b>INDENT No.</b>	130522-022
<b>CONTACT PERSON</b>	RISHABH SINGHANIA	<b>SITE NAME</b>	DARINGBADI
<b>MOBILE NO</b>	7857860666	<b>MANAGER</b>	ASISH DAS
<b>EMAIL ID</b>		<b>EMAIL ID</b>	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%				
<b>GRAND TOTAL</b>								6,650,000.00		1,197,000.00	7,847,000.00
<b>ADD TCS @0.000</b>											0.00
<b>GRAND TOTAL PO VALUE</b>											7,847,000.00
Seventy Eight Lakh Forty Seven Thousand Rupees and Zero Paise Only											

**TERMS AND CONDITIONS**

1.	PRICES ARE F.O.R	EX WORKS Baliguda - daringbadi
2.	FREIGHT CHARGES	0.00
3.	DESTINATION	DARINGBADI CAMP, DANDIMAHA, 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 P. 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

<b>To,</b> <b>M/S SHARDA INFRA SOLUTIONS PRIVATE LTD</b> <b>KAMLAKANT ROAD, 00, PAHARI MANDIR LANE, RAT</b> <b>, 834001</b> <b>India</b>	WO Issue :-	05-05-22
	PR No.:-	PPREQ/2122/00215
	REV No.:-	4
	WO NO:-	PPO/2223/00014 (Released)
	PrePayment % :-	0
	Dimension:-	
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	
						<b>Total</b>	<b>4233600.00</b>
						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, Malda, West Bengal,  
732215 West Bengal WB West Bengal  
GSTIN: 19AABCF4826F1ZP

**SHIP TO**

FARAKKA RAIGANJ HIGHWAYS LIMITED  
NH-34, ROAD PROJECT, 18-MILES, P.O.  
PUBARUN, P.S. BAISHNABNAGAR, Malda, West Bengal, 732215 West  
bengal WB West Bengal  
GSTIN: 19AABCF4826F1ZP

FOR FARAKKA RAIGANJ HIGHWAYS LIMITED

FOR M/S SHARDA INFRA SOLUTIONS PRIVATE LTD'

AUTHORISED SIGNATORY

CONFIRMED BY SUPPLIER



Register Office: 6, Floor 2nd, Plot no.134, Birla Mansion, Nagindas Master Lane, Khala Ghoda, Fort, Mumbai-400001

Site Office: NH-34 Road Project(Package-4), At-18 Miles, Village -Lakshmiapur, P.O. Pubarun, P.S.Baishnabnagar Dist, Malda, West Bengal-732215

Corporate Office: 1901, 19th Floor, Tower-B, World Trade Tower, Plot#C-1, Sector-16, Noida -201301, U.P.India,

CIN: U45400MH2010PLC200733, 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 &amp; SUPPLIER

Ref.....

Date 29.04.2022

Purchase Order		
To, Sharda Infrasoftware Pvt. Ltd. 195/B Mandaliya Nagar, Bariatu Jharkhand - 834009 GSTIN : 20AAPCS1562H1ZG	PO No. Date Nature of work Project	DJC/R&M/NH-75/02/2022 29.04.2022 Thermoplastic Road marking (2.5mm thick) Repair & maintenance including Strengthening/overlay of various stretches between Km- 219.600 (Khajuri) to Km- 260.483 (Whyndhemganj) 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/- Divya Jyoti Construction Co. 1st floor, Baralota, Near Janakpuri Mandir, Panki Road, Daltonganj, Palamu, Jharkhand GSTIN : 20AHAPB0266C1Z1		
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 reflector 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 &amp; Accepted

For Sharda Infrasoftware Pvt. Ltd.



## KUNAL STRUCTURE (INDIA) PVT. LTD.

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

### Work ORDER

**NO**

**OD/10254**

INCOTERM : FOR SITE

DATE : 15/04/2022

#### VENDOR NAME

**3998-Sharda Infrasoilutions Private Limited**

36 (P), PHASE I, INDUSTRIAL  
AREA, TATISILWALRANCHI  
JHARKHAND-835103  
RANCHI, JHARKHAND

GST No: 20AAPCS1562H1ZG

Contact Person : abhishek  
91999 60666/70332 75747

#### Delivery Address

**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

#### Consignee

**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	Subtotal
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		
<b>Grand Total</b>						<b>66,91,607.00</b>
					0.00	-
					9%	CGST + SGST
					9%	CGST + SGST
					18%	IGST
<b>Round off</b>						<b>0</b>
<b>Grand Total</b>						<b>78,96,096.26</b>

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. Material 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. : 21OPPOI9098P1, GST No. : 21AABCR1816R1ZB



VENDORS NAME	SHARDA INFRA SOLUTIONS 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@rkdcpil.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%		
<b>GRAND TOTAL</b>								1,244,522.00		224,013.96	1,468,535.96
<b>ADD TCS @0.000</b>											0.00
<b>GRAND TOTAL PO VALUE</b>											1,468,535.96
Fourteen Lakh Sixty Eight Thousand Five Hundred and Thirty Five Rupees and Ninety Six Paise 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. SHV/PRI/21-22/SPL 253

Date: 25.03.2022

To

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: udisha@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 Panikoili- 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 Panikoili- 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 inforamatory 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		

*Rishabh Singhania*



1

CIN : U45201OR2013PTC016934

Tel : +91-674-6656363, Fax : +91-674-2585074, E-mail : shivamcondev@gmail.com



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

**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 Infrasoutions Pvt. Ltd.**
3. Bank : Kutchery Road Bank
4. IFSC Code : HDFC0002728
5. GSTIN : 20AAPCS1562H1ZG

**Delivery Site:**

Site Camp:Shivam, At: Belabahali: Po:  
Ghasipura, Dist: Keonjhar, Near  
Belbahali Bridge  
**MR. Prasanjit MOB: 9337087504**  
**Mr B. Panda: Mob: 9437173895**

Thanking you

Yours faithfully,

For SHIVAM CONDEV PVT LTD.

Authorized Signatory



SHIVAM CONDEV PVT LTD

**GST** : 21AATCS1852Q1ZQ  
**PAN** : AATCS1852Q

*APR*  
*28/03/22*


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

## RAMKY INFRASTRUCTURE LIMITED

### WORK ORDER

Vendor Code: 4023080 Vendor: SHARDA GENPOWER PVT LTD. KAMLAKANT ROAD, 00, RANCHI-834001, Jharkhand, India 7857860686	<b>Ramky Tax details</b> GSTIN No: 20AAACR9627B1ZU PAN NO: AAACR9627B Plant Code: 1058 Destination State: Jharkhand	<b>WO NO.: T-17-TP-04/0400059115</b> 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
	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) :-  Twenty Five Lakh Thirty Five Thousand Rupees And Only  (Price firm till completion of the job)  For RAMKY INFRASTRUCTURE LIMITED  Authorized Signatory with Name & Date  For Contractor    Authorized Signatory With Official Seal	
7	Terms of Payment :			
	a) Recovery of Mobilization Advance	N/A		
	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		
	Release of Interim Bill	N/A		

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

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 Barhi-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 <sup>2</sup>	6000.00	345.00	2,070,000.00
<b>Total Basic Value</b>					<b>2,070,000.00</b>
CGST					9.00%
SGST					9.00%
<b>Gross Value</b>					<b>2,442,600.00</b>

1 Date of commencement 27-Nov-20

2 Date of completion 31-Dec-20

**3 Taxes**

a) TDS As applicable

b) Work Contract Tax 0

c) VAT Nil

d) Labour cess Nil

4 Seignorage on material Nil

**5 Terms of Payments:**

a) Mobilisation Advance ----

b) Recovery of Mobilisation Advance ---

c) Materials Advance ----

d) Recovery of Materials Advance ----

e) RA/Final Bill As per contract terms of Bill

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 As per bill

10 Release of Interim bill As per clause 3rd of Annexure I

*(Rupees Twenty Four Lakh Forty Two Thousand Six Hundred )*

(Price firm till completion of the job)

  
 Authorized Signatory  
 Ramky Infrastructure Limited

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-Annexure I
- 2) Special Conditions - Annexure II

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

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

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

Project Office :- At Singa, Ichhak More, Hazaribagh, Jharkhand 825102

## RAMKY INFRASTRUCTURE LIMITED

www.ril.com

## WORK ORDER

Code: 4023080	Ramky Tax details	WO NO.: T-17-TP-04/0400058498
Vendor : SHARDA GENPOWER PVT.LTD.	GSTIN No. 20AAACR9627B1ZU	
KAMLAKANT ROAD, 00,	PAN NO : AAACR9627B	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. 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: S/F for Road studs	As per Annexure - I		720,168.00
	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



*Suphania*

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

Gorp Office: Ramky Infrastructure Ltd, Ramky Grandiose, Floor 10 & 11, Sy No 136/2 & 4, Gachibowli, Hyderabad-500032, Telangana, India.

WORK ORDER	
WO Reference	EMSL/O&M/RRR7/WO- 7609
Date of commencement	19 <sup>th</sup> 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, Ratu road, Ranchi 834001
Contact person	Rishabh Singhania
Vendor phone number	9199960666
Vendor Email Address	<a href="mailto:rishabh@prismoline.com">rishabh@prismoline.com</a>
GST Number	20AAPCS1562H1ZG
State of service provider	Jharkhand

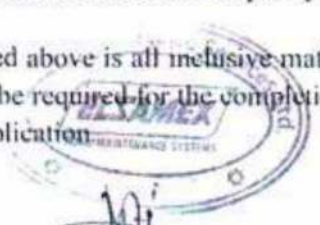
**Subject** : Work Order for Thermoplastic Road Marking and Kerb painting with material At RRR7 project.

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 7 Black)	995429	Sqm	9(0)		
<b>Total Amount</b>						

**Terms and Condition:**

- 1) Specification and standard:** All work shall confirm to standard specification of MORTH clause 803 and further references therein. All quality control tests are in your scope.
- 2) 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.



WORK ORDER	
WO Reference	EMSL/Major Maintenance/RPRI/WO-7673
Date	15 <sup>th</sup> July 2019
Date of commencement	18 <sup>th</sup> 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, Ratu road, Ranchi 834001
Contact person	Rishabh Singhania
Vendor phone number	9199960666
Vendor Email Address	<a href="mailto:rishabh@prismoline.com">rishabh@prismoline.com</a>
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		
<b>Total Amount</b>						

**Terms and Condition:**

- Specification and standard:** All work shall confirm to standard specification of MORTH 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.
- Retention:** 5% retention will be hold on every RA bill, which shall be released on successful



[Elsamex Maintenance Services Limited]

25<sup>th</sup> Floor  
3<sup>rd</sup> DVE Building  
3<sup>rd</sup> DVE  
Gandhinagar-382335  
Gujarat - India

T +91-79-56746070  
F +91-79-56746000  
W www.elsamexindia.com  
E info@elsamexindia.com  
CIN U45201M43037PLC265609

Purchase Order					
PO Reference	EMSL-MajorMaintenance/HREL	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		
<b>To,</b> Sharda Genpower Pvt Ltd Kamalakant Road .00,Pahari Mandir Lane, Ratu road,834001		<b>Contact Person</b> Name Rishabh Singhania Mobile No. 9199960666 E-Mail rishabh@prismoline.com GSTIN 20AAPCS1562H1ZG			
<b>Billing Address :</b> Elsamex Maintenance Services limited, Hazaribagh Ranchi Expressway Ltd C-90, harmu Housing Colony near Sahajanand Chowk, Harmu,Doranda,Ranchi, Jharkhand -834002		<b>Delivery Address :</b> 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					
ii	GST @				
A.	<b>Total Amount(Inclusiv</b>				

**Terms and Conditions:-**

- GST Inclusive as indicated above.
- Payment **Advance Payment** - 50% of Batch Value of Indented Material shall be paid in advance against PDC.  
**Balance Payment** - After 15 Days from the Date of Receipt of Batch Ordered through Indent at Site.  
**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.
- Rate Fix rate as indicated above.
- Delivery Time Within 10-12 Days from the Date of receipt of Indent raised / received from EMSL.
- Freight Charge Inclusive up to EMSL site location.
- Warranty 1 Year Warranty shall be applicable as per manufacturer terms and conditions.
- Specification All the Material Shall Conform 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.
- Jurisdiction 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

Authorized Signatory



**SHIVALAYA**

CONSTRUCTION CO. PVT. LTD.

WO No. SCC/19-20/UK194/LOI-001

Regd. Office : Plot No. 137, Avtar Enclave,  
Paschim Vihar, New Delhi-63  
CIN : U45201DL1997PTC091051  
E-mail : info@sccgroup.co.in  
shivalayaco@yahoo.com  
Website : www.sccgroup.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 Uttrhakand 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.



(Authorized Signatory)

Received & Accepted

For M/s Sharda Genpower Pvt. Ltd.

(Authorized Signatory)

Name of Signatory :

Designation:



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

Buyer Name  
Shivalaya costruction 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
<b>Grand Total</b>					<b>179655.00</b>

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 Hunderd Fifty Five Only

Regards  
Shivalaya Construction Co Pvt Ltd  
Mob-7320920236

For Shivalaya Construction Co Pvt Ltd  
Shivalaya Construction Co. Pvt. Ltd

Authorized Signatory

Authorized Signatory

## Purchase Order

To,

Sharda Genpower Pvt. Ltd.

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

RANCHI-834001

GST No. : 20AAPCS1562H1ZG

Kind Attention:

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

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

Purch. Order Dt. : 09 June, 2020

Indent No. :

Indent Date :

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	900	MTR	1,275.00	0.00	0	11,47,500.00
2		.The Post channel section of 150mm x75mm x 5 mm thick x 1800 mm long. Hot dip Galvanised of zinc coating@ 550g/sqm.	0		0.00	0.00	0	0.00
3		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
4		Hex bolt of M16:40 with nut bolts and Washer	0		0.00	0.00	0	0.00
5		Round bolt of M16:40 with nut bolts and Washer	0		0.00	0.00	0	0.00
<b>Total Qty</b>			<b>900</b>					
						<b>Sub-Total Amount</b>		<b>11,47,500.00</b>
						<b>Round Off Amount</b>		<b>0.00</b>
						<b>Gross Amount (Incl. Taxes)</b>		<b>11,47,500.00</b>

\*\*\*\* 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 S Qty) and delay in supply will not be accepted



09-06-2020 11:07:20 WIN-01QVPBAG6L\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 Sader Thana, Chatra, Jharkhand 825 401

**Delivery Address:**

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

PO No. # SCC/JH/SGPPL/20-21/081  
Dated 21-Jun-2020  
Quotation # Mail  
Quotation Dt 13-Nov-2019

GST No. : 20AEXPS7618J1Z8  
Contact Person: Mr. Roshan Kumar

GST No. : 20AEXPS7618J1Z8  
Contact Number: 8476023720

Payment Terms

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

*Ashwini*  
**Auth. Signatory**

Authorised Signatory



Head Office : SCO 125, First Floor, Urban Estate, Phase - 2, Patella 147 001 (Punjab) : 0175-5002804, 9817777020

Branch Office : Village Sami, NH - 81, Garole, Distt Malda, West Bengal 732139, Mob 8945962610

Branch Office : Prakash Complex, V & PO Gauram Bari, PS Khetkhet Distt. Karbianglong, Assam- 782480 Mob 8658613419

Branch Office : Holding No A/F, Opposite Sader Thana, Chatra, Jharkhand 825 401, Mob 7388477922

E-mail: purchase@scpatella.com



**VALECHA ENGINEERING LIMITED**  
(AN ISO 9001 - 2008 COMPANY)

**VALECHA**  
SUSTAINING INFRASTRUCTURE

**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 <b>Thermoplastic Road Marking Application</b> 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.**

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

**WORK ORDER**

Vendor:82584 SHAKHA GENPOWER PRIVATE LIMITED HILL VIEW LANE,RATJ ROAD,NEAR PAHARI MANDIR,OPP DURGA MANDIR RAYGULI 834001 Jharkhand India GSTIN No: 21AAACJ51582H1ZG Sales Person / Tel No : / Email: info@prismobile.com	Work Order No: 4561523249 Work Order Date: 10.12.2015 Buyer Code / Name : 647 / Sanjoy Kar Email ID: sanjays@angul.japl.com Phone No./Extn: 06761254144 Mobile No: 9777440393 GST IN : 21AAACJ7007D1Z5 CIN No : I27105PR1579PLC009913
---	--

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		THERMOPLASTIC PAINT	1.000	AU			
10	110004558	PROVIDE&APPLY 2.5MM THERMOPLASTIC PAINT	500.000	M <sup>2</sup>			
		SAC Code : 995473 PROVIDING AND APPLYING 2.5 MM THICK ROAD MARKING STRIPS (RETRO REFLECTIVE) ON R TUNNELS 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					
							22900
		Service Start date	Service End Date				
		10.12.2015	28.02.2016				
		Service Point: Angul Technical Common/Angul					
20		THERMOPLASTIC PAINT	1.000	AU	190,000.00		190,000.00
10	110004292	APPLY CONCRETE PRIMER FOR THERMOPLASTIC ROAD MARKING	500.000	M <sup>2</sup>	380.00		190,000.00
		SAC Code : 936718 CONCRETE PRIMER FOR THERMOPLASTIC ROAD MARKING OF CONCRETE SURFACE PROVIDING AND APPLYING 2.5 MM THICK ROAD MARKING STRIPS (RETRO-REFLECTIVE) ON CONCRETE ROAD OF SPECIFIED SHADE/COLOR 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 &amp; 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. : 07AACC52475A1ZP P.A.N. No. : AACCS2475A

## Purchase Order

To,

Sharda Genpower Pvt. Ltd.

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

RANCHI-834001

GST No. : 20AAPCS1562H1ZG

Kind Attention:

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

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

Purch. Order Dt. : 09 June, 2020

Indent No. :

Indent Date :

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	900	MTR	1,275.00	0.00	0	11,47,500.00	
2		.The Post channel section of 150mm x75mm x 5 mm thick x 1800 mm long. Hot dip Galvanised of zinc coating@ 550g/sqm.	0		0.00	0.00	0	0.00	
3		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	
4		Hex bolt of M16:40 with nut bolts and Washer	0		0.00	0.00	0	0.00	
5		Round bolt of M16:40 with nut bolts and Washer	0		0.00	0.00	0	0.00	
<b>Total Qty</b>			<b>900</b>					<b>Sub-Total Amount</b>	<b>11,47,500.00</b>
								<b>Round Off Amount</b>	<b>0.00</b>
								<b>Gross Amount (Incl. Taxes)</b>	<b>11,47,500.00</b>

\*\*\*\* 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 ment-ons all invoices.
- (4) Damaged materials any d-screpancy (material \$ Qty) and delay in supply will not be accepted

09 06 2020 11 07 30 WIN-D1QVP8BAG6L\SANJAYSHARMA



Transportation Safety Division



## 3M Authorized Converter



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 31<sup>st</sup> December 2023

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



Transportation Safety Division



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Executive Director  
Transportation & Electronics Business Group

Valid until 31<sup>st</sup> December 2022

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

(\* as per the mutually signed agreement)

Pawan Kumar Singh  
Sr. General Manager – Transportation Safety Division

Valid until 31<sup>st</sup> December 2021

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



# CERTIFICATE



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.क्षे.)  
National Test House (ER)

राष्ट्रीय परीक्षण शाला (पू.क्षे.), 11/1, जज्जेस कोर्ट 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 'अ' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र सं/ 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 सं/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) ग्राहक का संदर्भ सं एवं दिनांक/ Customer's Ref. No.	:	21022023	
d) नमूना मुहताब स्थिति/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	
e) नामपद्धति का विवरण/Description of Nomenclature	:		
f) नमूना का विशिष्टता (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 अप्पाराव उकारण्डे / Ajay Apparao Ukarande  
वैज्ञानिक - बी (रासायन) / Scientist - B (Chemical)  
This is a Computer Generated Report  
राष्ट्रीय परीक्षण शाला (पू.क्षे.) / Government of India  
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण विभाग  
Ministry of Consumer Affairs, Food & Public Distribution  
उपभोक्ता मामले विभाग / Department of Consumer Affairs  
अलीपुर, कोलकाता -27 / Alipore



भारत सरकार Government of India  
राष्ट्रीय परीक्षण शाला (पू.क्षे.)  
National Test House (ER)

राष्ट्रीय परीक्षण शाला (पू.क्षे.), 11/1, जज्जेस कोर्ट 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

- नमूना लेने की प्रक्रिया का संदर्भ, जहां लागू हो।  
Reference to sampling procedure, wherever applicable. Not Applicable
- परीक्षण रिपोर्ट में संबंधित मापन एवं परिमाण प्रदान हेतु सहायक प्रलेख जैसे ग्राफ, तालिका, चित्र और/अथवा फोटोग्राफ, 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
- सम्बन्धित मानक / कार्य निर्देशों 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
- परीक्षण सामग्री की पहचान/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 INFRA SOLUTIONS PRIVATE LTD  
On the lines of BS 3262 Part 1:1989&MORT&H
- व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test  
As per Specification.
- नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant
- पर्यावरण की स्थिति/Environmental Conditions
- उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used  
Hunter lab Colour Flex, Muffle furnace, Ring & Ball  
Softening point app
- कैलिब्रेशन स्थल/Site of Calibration  
NA
- मापन का पता लगाने 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  
वैज्ञानिक-बी (रासायन) / Scientist -B (Chemical)  
भारत सरकार / Government of India  
राष्ट्रीय परीक्षण शाला (पूर्व क्षेत्र) / NATIONAL TEST HOUSE (ER)  
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय  
Ministry of Consumer Affairs, Food & Public Distribution  
उपभोक्ता मामले विभाग / Department of Consumer Affairs  
अलीपुर, कोलकाता -27 / Alipore, Kolkata-27



सत्यमेव जयते

भारत सरकार Government of India  
राष्ट्रीय परीक्षण शाला (पू.क्षे.)  
National Test House (ER)

राष्ट्रीय परीक्षण शाला (पू.क्षे.), 11/1, जज्जेस कोर्ट 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	Perce nt	37 (Percent)
3	803.4.2	Luminance (White)	percent	65.0	-	Perce nt	84 (Percent)
4	803.4.2	Titanium Dioxide, as TiO2 % 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	Perce nt	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	Minut es	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 अप्पाराव उकारण्डे / Ajay Apparao Ukarande**  
वैज्ञानिक बी. ग्रेजुएट / Scientist -B (Chemical)  
भारत सरकार / Government of India  
राष्ट्रीय परीक्षण शाला (पू.क्षे.) / NATIONAL TEST HOUSE (ER)  
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय  
Ministry of Consumer Affairs, Food & Public Distribution  
उपभोक्ता मामले विभाग / Department of Consumer Affairs  
अलीपुर, कोलकाता -27 / Alipore, Kolkata-27



सत्यमेव जयते

भारत सरकार Government of India  
राष्ट्रीय परीक्षण शाला (पू.क्षे.)  
National Test House (ER)

राष्ट्रीय परीक्षण शाला (पू.क्षे.), 11/1, जज्जेस कोर्ट 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 अप्पाराव उकरांडे / Ajay Apparao Ukarande  
वैज्ञानिक बी (रासायन) / Scientist-B (Chemical)  
भारत सरकार / Government of India  
एनटीएच (पू.क्षे.) / NATIONAL TEST HOUSE (ER)  
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय  
Ministry of Consumer Affairs, Food & Public Distribution  
उपभोक्ता मामले विभाग / Department of Consumer Affairs  
अलीपुर, कोलकाता -27 / Alipore, Kolkata-27



सत्यमेव जयते

भारत सरकार  
Government of India

FORM NO : NTH/ALP/F/5



राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)  
National Test House (Eastern Region)

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

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

परीक्षण प्रमाण पत्र

TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं 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
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जिसे जारी करना है  
Issued To  
SHARDA GENPO-WER PVT. LTD.

पता  
Address  
Pahari Mandir Lane, Ratu Road, Ranchi--834001

ग्राहक का संदर्भ 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 निवरण  
Description of Test Item  
Thermoplastic road marking material.

परीक्षण सामग्री का पहचान  
Identification of Test Item  
Id Mark: PRISMOLINE

नमूना का विशिष्टि ( यदि हों )  
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 चरों प्रासंगिक हों  
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  
Scientist-SD(Chemical)



सत्यमेव जयते

भारत सरकार  
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)  
National Test House (Eastern Region)

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

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

परीक्षण प्रमाण पत्र

TEST CERTIFICATE

INTERIM/FINAL REPORT

FORM NO : NTH/ALP/F/5



परीक्षण प्रमाण पत्र सं  
Test Certificate No  
NTH(ER)/CH(PY)2016/00268

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

कोड नं  
Code No  
1469445318371

पृष्ठ  
Page  
2

पृष्ठों की संख्या  
No of Pages  
4

Sl. No.	Test Name	Test Result	Limit
1	Colour	White.	White or Yellow.
2	Drying time	About 5 mins <i>Shankar</i>	Not more than 15 min.
3	Binder content, per cent by mass	20.1%	Min. 18%
4	Softening Point, deg. C	93	102.5 (+/- 9.5)
5	Luminance Factor, Day light, percentage	86	White: Min. 65, Yellow: Min. 45

Tested By

*Parbati*  
Parbati Manjhi  
SO Chemical

Checked By

*Ratna*  
Ratna Sarkar De  
Scientist-SD(Chemical)

Approved By

*Ratna*  
Ratna Sarkar De  
Scientist-SD(Chemical)



सत्यमेव जयते

भारत सरकार  
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)  
National Test House (Eastern Region)

11/1 जज्जेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027  
11/1, Judges' Court Road, Allipore, Kolkata - 700 027

परीक्षण प्रमाण पत्र

TEST CERTIFICATE

FORM NO : NTH/ALP/F/5



INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं  
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)

11/1 जज्जेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027  
11/1, Judges' Court Road, Alipore, Kolkata - 700 027

परीक्षण प्रमाण पत्र

TEST CERTIFICATE

INTERIM/FINAL REPORT



परीक्षण प्रमाण पत्र सं  
Test Certificate No  
NTH(ER)/CH/Py/2016/00268

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

कोड नं  
Code No  
1469445318371

पृष्ठ  
Page  
4

पृष्ठों की संख्या  
No of Pages  
4

Sl. No.	Test Name	Test Result	Limit
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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)

**NTH**

(100 Years Pioneer in Service to The Nation)  
(Estd. 1912)

**NATIONAL TEST HOUSE**

Government of India  
Website: <http://www.nth.gov.in>

## CONTACT US

### Laboratories

- ▶ **Director,  
National Test House (ER)**  
Block- CP, Sector - V  
Salt Lake City, Kolkata-700091  
Tel : 91-33-2367-3871 / 9741 / 3308  
91-33-2367-3429/30/31 (EPBX)  
Tel / Fax : 91-33-2367-3871/3308  
e-mail : [nthsal-wb@nic.in](mailto:nthsal-wb@nic.in)
- ▶ **Scientist-In-Charge,  
National Test House (ER),**  
11/1, Judges' Court Road, Alipore,  
Kolkata - 700 027  
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91-33-2449 8027,2479-1534 (EPBX)  
Fax : 91-33-2449-8026  
e-mail : [nthkol-wb@nic.in](mailto:nthkol-wb@nic.in)
- ▶ **Director,  
National Test House (WR),**  
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Andheri (E), Mumbai-400 093  
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e-mail : [nthwr@mtnl.net.in](mailto:nthwr@mtnl.net.in)
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- ▶ **Director,  
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Kamla Nehru Nagar,  
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Fax : 91-120-2789-883  
e-mail : [nthmr\\_ca@nic.in](mailto:nthmr_ca@nic.in)
- ▶ **Scientist-In-Charge,  
National Test House (NWR),**  
E-763, Road No. 9F1  
VKI Area, Jaipur - 302013  
Tel : 91-141-2174-979/2175-318  
Tel / Fax : 91-141-2330-074  
e-mail : [nthpipur\\_ca@nic.in](mailto:nthpipur_ca@nic.in)
- ▶ **Scientist-In-Charge,  
National Test House (NER)**  
C.I.T.I Complex, Kalapahar,  
Guwahati-781 016.  
Tel: 91-361-247-7405/247-1938  
Tel / Fax: 91-361-247-1938  
e-mail : [nthmer@gmail.com](mailto:nthmer@gmail.com)

### Headquarters

**Director General,  
National Test House**  
Block-CP, Sector-V, Salt Lake City, Kolkata-700 091  
Tel: 91-33-2367-3870/3872/3869  
Fax: 91-33-2367-3868/3869  
e-mail: [dgnth-wb@nic.in](mailto: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 ENGG. SERVICES

Institution of Engineer Member (India) : M-1603579, M-1603587  
Institute of Applied Quality Management : IQA/17025/18-3-12  
R.D.A. Registration : 0038/2015/RRDA  
R.M.C. Registration : RMC/LE0005/2017  
R/N No. - 9237  
AN ISO 9001:2015 CERTIFIED FIRM CERTIFICATE NO. - 603210417





Report No: - C&amp;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.

*Rajender*  
Checked by:



*Ranjit*  
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

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:-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	

Sl 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 & inert fillers, present by mass	37.00%	42%

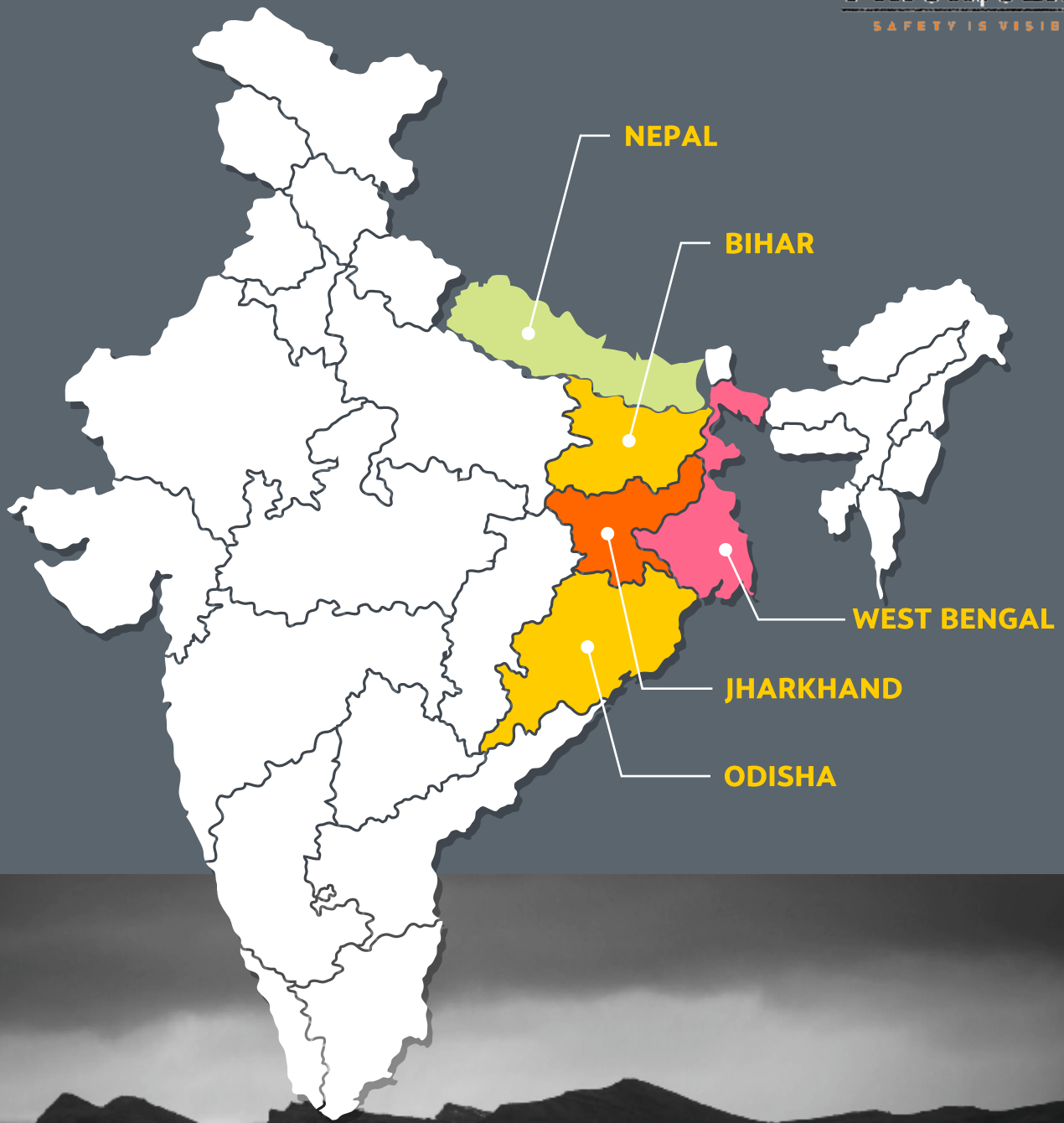


*Naveen Kumar*  
Naveen Kumar  
B.E. Mech. B.I.T. Meerut  
Ketki Consultancy Engg. Service-  
Karam Toli Chowk, Ranchi

*Praveen Kumar*  
Praveen Kumar  
B.E. Civil, B.I.T. MESRA  
KETKI CONSULTANCY ENGG SERVICE

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





## BRANCHES

### PATNA

Shakuntlam Raghu Sadan,  
Shitla Nagar, Road No. 2,  
Agamkuan, Patna - 800 007  
Ph. : +91 8102 921423  
Email : sales@prismoline.com

### SILIGURI

Vill. - Patiram Jote  
(Chowringi More),  
P.O.+P.S. - Matigara, Dist. -  
Darjeeling - 734010  
Ph. : 82298 01483

### BHUBANESWAR

Plot No-12, Mancheswar,  
Industrial Estate, Bhubaneswar,  
Khordha, Odisha - 751 010  
Ph. : +91 82298 01488  
Email : odisha@prismoline.com

### NEPAL

Jwagal - 10, Lalitpur, (Near UN  
Park), Nepal  
Ph. : +977 98018 77100  
Email : balajianiket@gmail.com

### SIWAN

Vill.-Mahpur,P.O.-Hardia  
Sahayak Sarai, Ground Floor  
Tarwara Road, Mahpur  
Near Bypass Highway Hardia Road  
Siwan,Bihar-841226  
Ph. : +91 82298 01481

### RANCHI (Corp. Office)

195/B, Mandeliya Nagar, Bariatu, Ranchi - 834 009 (Jharkhand), Ph. : +91 70332 75747 | Email : info@prismoline.com

### RANCHI (Works)

36 (P), Phase - II, Industrial Area, Tatisilwai, Ranchi - 835 103 (Jharkhand), Ph. : +91 91999 60666



# 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, India**

*has been assessed and found to be in accordance with the  
requirements of the Quality Management System standard*

## ISO 9001:2015

for the following scope :

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

CERTIFICATE No. : SHA23K2Q45IN

ISSUED DATE : 08/11/2023

EXPIRY DATE : 07/11/2026

1ST SURVEILLANCE DUE : 07/10/2024

2ND SURVEILLANCE DUE : 07/10/2025

Managing Director



CB-MS-4022

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.) India

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](http://www.bmgcertification.com) or <https://uafaccreditation.org>



# Certificate of Registration

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

**SHARDA INFRASOLUTIONS PVT LTD**

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

*has been assessed and found to be in accordance with the  
requirements of the Environmental Management System standard*

## ISO 14001:2015

for the following scope :

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

CERTIFICATE NO. : SHA23K2E46IN

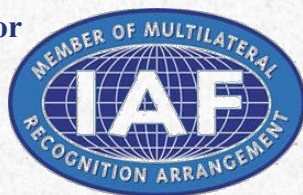
ISSUED DATE : 08/11/2023

EXPIRY DATE : 07/11/2026

1ST SURVEILLANCE DUE : 07/10/2024

2ND SURVEILLANCE DUE : 07/10/2025

Managing Director



CB-MS-4020

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.) India

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](http://www.bmgcertification.com) or <https://uafaccreditation.org>

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CERTIFICATE

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## 10 MOST PROMISING ROAD SAFETY PRODUCTS PROVIDERS – 2019

**T**he 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.



### 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

**E**very 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.



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. 

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recognized by **siliconindia** Magazine as

**siliconindia** 10 MOST PROMISING  
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PRODUCTS**   
PROVIDERS - 2019

*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.*

  
Anamika Sahu  
Managing Editor