



APPROVALS



L.N. MALVIYA INFRA PROJECTS PVT.LTD.

Head Office : T-10, 11th Floor, City Centre, Press Complex, Plot No.1, M.P. Nagar, Zone-I, Bhopal (M.P.) 462 011
Tel/ Fax : 0755-4295421, Mob.: 9826452711, 7773000871, 9977004686
E-mail : lnmalviya@rediffmail.com, Website : www.lninfra.com
CIN NO. :- U45201MP2010PTC024316

Ref. No. LNM/IE/BAB-NH 341/2023/0154

Dt: -21.07.2023

To,
Authorized Representative,
M/s G.R. Bhimasar Pvt. Ltd.,
Ch. 32+100, NH-341, Anjar Bhuj Highway,
Near Amar Engineering Factory, A/P Sapeda,
Taluka: Anjar, District: Kutch, Gujarat-370110

Sub: Independent Engineer Services for Up-gradation to 4-lane with paved shoulder of NH-341 from Bhimasar Junction of NH-41 to Anjar Bhuj up to Airport Junction from Km. 0.000 to km. 65.478 in the State of Gujrat on Hybrid Annuity Mode. Review comments on submitted Credentials and Profile of M/s Tata Steel Limited and M/s ARC Insulation & Insulators (P) Ltd. for procurement of GFRP Rebars. Reg.

Ref:

1. Your letter No GBBHPL/2023/BH-AN/0572 dated 12.07.2023
2. Your letter No GBBHPL/2023/BH-AN/0283 dated 18.03.2023

Dear sir,

With reference to the above cited letter, you have submitted the credential/profile of M/s Tata Steel Limited and M/s ARC Insulation & Insulators (P) Ltd. for Glass Fiber Reinforcement Polymer Bars (GFRP).

We have reviewed the profile and credential of the companies and found in order.

The above said material shall be used as per the point no. 4 in Appendix-I of NHAI Circular no. RW/NH-34049/01/2020-S&R (P&B) pt. dated 30.08.2022.

Based on the credential and documents submitted by you, we hereby accord our approval as given under:-

Sr. No.	Description of Material	Source/Brand
1	GFRP Bars	M/s Tata Steel Limited. M/s ARC Insulation & Insulators (P) Ltd



Page 1 of 2

Project Office Add
M/s L.N. Malviya Infra Project Pvt. Ltd.
Shri Raja Kapdi Dada Nagar Na Land R.s. 316/4, Bearing Plot No.95 To 97, Anjar Kutch 370110
E-mail lnmanjarbhuj2023@gmail.com

All materials delivered to site must comply the following conditions: -

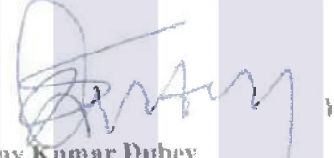
1. Every consignment shall be supported with MTC along with Third Party test report from NABL accredited Laboratory for each lot.
2. Field test of each lot shall be carried out before allowing the material/product to be used.
3. Only fresh materials/products shall be delivered at site.
4. Each lot shall be inspected before use in permanent works.
5. Stacking of material to be done in accordance with relevant Section of MoRT&H Specifications.
6. The records of all material/product shall be strictly kept & maintained.
7. Independent Engineer reserves the right to reject the source without prior notice if any material/product is not meeting out the prescribed standards and Specifications.

Thanking you and assuring our best services all the time.

Yours Truly


Authorized Signatory
M/s L.N. Malviya Infra Projects Pvt. Ltd. in
association with M/s Infratech Civil Solutions consultant.




Sanjay Kumar Dubey
Team Leader cum Sr. Highway Engineer

Copy to:

1. The Project Director, NHAI-PIU- Gandhidham
2. The Authorized Signatory, M/s L.N. Malviya Infra Projects Pvt. Ltd. Bhopal HO for necessary info
3. The Project Coordinator, M/s L.N. Malviya Infra Projects Pvt. Ltd.
4. Team Leader, M/s L.N. Malviya Infra Projects Pvt. Ltd.

Ref no: TASPL-AICONS/NHAI/AE-Sagar Link Road/MP/TL/2022-23/209 Date: 30.10.2023

To
M/s.PD Agrawal Infrastructure Ltd. -
Prakash Asphaltting & Toll Highways (India) Ltd. (JV)
6, Joy Builders Colony, Near Rani Sati Mandir
Y.N. Road Indore (MP) – 452003
Email: pdagrawal_indore@yahoo.com

Sub: Consultancy services of Authority's Engineer for Construction of 4 lane Greenfield highway from km. 134+737 to km. 163+253 (Sagar Link Road – Berkhedi-Sagar) under BharatmalaPariyojana in the state of Madhya Pradesh on EPC mode: - **Source approval of M/s ARC Insulation and Insulators Pvt. Ltd. for GFRP Bars. – reg: -**

Ref. PDAIL/NHAI/SAGAR/DEPT/TL/2022-23/913, Dated 28.10.2023

Dear Sir

With reference to the above cited subject and references, the submitted credentials for source Approvals of GFRP Bars by M/s ARC Insulation and Insulators Pvt. Ltd. has been reviewed and found in order.

Therefore, we hereby accorded our approval the source for Procurement of GFRP Bars by M/s ARC Insulation and Insulators Pvt. Ltd. for non load bearing structures subjected to the following conditions.

- Fulfilment of all the criteria according to the Guidelines of Government of India Ministry of Road Transport and Highways.
- Visit of the Factory is to be arranged for inspection of Plant, Production, Methodology and in house testing laboratory.

Standard and Specifications shall be followed as per IRC: 137-2022 & point no. 4 appendix-1 of Circular issued by MoRT&H vide file no RW/NH-34049/01/2020-S&R (P&B) pt. dated 30.08.2022.

This is for your information and necessary action.
We assure you of our full cooperation all the time.

Regards,

For Technocrats Advisory Services Pvt. Ltd.
Joint Venture With AICONS Engineering Pvt. Ltd.



Anil Thakur
Acting Team Leader

CC: 1. PD, NHAI PIU Sagar for information
2. Aicons engineering Pvt. Ltd. Bhopal for information

Ref. N/04024/01002/MP_527876



PD Agrawal Infrastructure Ltd.

CIN: U45203MP2001PLC014904



6, Joy Builders Colony, Y N Road, Indore - 452 003 (M.P.)

0731-2430167, 2544370

info@pdainfra.com

www.pdagrawaigroup.com

PDAIL/2023-24/ 2140

Date: -28/07/2023

To
Team Leader,
M/s L N Malviya Infra Projects (P) Ltd
Flat No 1, Second Floor,
Near Shri Ram Market
Baibhav Nagar Extension,
Main Kanadiya Road
Indore MP.

Project: -Construction of 4 Laning of Indore To RaghavGarh Section of NH-59 (Indore-HardaPackage-I Stretch) from MR-10 Junction on NH-3 Bypass Ch. 0.250 to RaghavGarh 26.903 (Design Length = 26.653 Km) under BharatmalaPariyojana A Phase-I (Economic Corridor) In the state of Madhya Pradesh on EPC Mode.

Subject: -Source approval of M/sARC Insulation and Insulators Pvt Ltdfor GFRP Bars.

Sir,

With reference to the above subject, we are herewith submitting the company profile and product brochurers of M/s ARC Insulation and Insulators Pvt Ltdfor source approval of GFRP Bars.

S. No.	Name	Location
1	ARC Insulation and Insulators Pvt. Ltd.	Vill. Ramdevpur, P.O. Bawali, Dist South 24 PGS, West Bengal 743384

Hence, requesting you to review and approve the above source for procuring and to use in structural & Non-structural Components as per IRC:137-2022, Cl 2.1 and Table 3.1 Circular issued by MoRT&H vide file no RW/NH-34049/01/2020-S&R(P&B) pt. as per the Appendix-1 of the above MoRT&H circular use of GFRP bars. The Profile represents its supply and use for differentHighway Projects. The company has good credentials regarding supply, services and quality of its products. Certificates & scope enclosed.

This is for your kind information, perusal and approval please.

Thanking you and assuring our best services, at all times.

Yours truly,

For: P. D. Agrawal Infrastructure Ltd.



Authorized Signatory

Encl: - As above.

CC to: -

- 1) The Project Director, NHAI PIU Indore, For Information



T
E
S

Theme Engineering Services Pvt. Ltd.

Chunala Road Vivekananda Nagar, Post-Rajura Teh,
Rajura Distt. -Chandrapur-442905, Maharashtra, Email
id: gadchandur@themeengineering.in CIN: U74210RJ200
2PTC017485

THEME/GR Infra/Govindpur-Rajura/2023-24/008

Date: 08.07.2023

To,
The Authorised Signatory,
M/s. GR Govindpur Rajura Highway Pvt. Ltd.,
Gat No. 106/1, 106/3, 109/2, Near Village – Khirdi,
P/o- Gadchandur, Taluka- Kopprana,
Dist.- Chandrapur, Maharashtra– 442908

Sub: –Independent Engineer Services for four laning of existing 2 – lane stretch from Govindpur (MH/TG Border) (Design km 32.910) to Rajura (Design km 89.090) {Design Length – 56.180 km} section of NH-353B in the State of Maharashtra on Hybrid Annuity Mode under NH (O). **Regarding:** - Source Approval for Procurement of GFRP Rebar from M/s Tata Steel, ARC & Sanfield (India) Limited

Ref.: - GRGRHPL/GORA1/SITE/412, Dated-26-06-2023

Dear Sir,

With ref. to above cited subject, we reviewed credentials for GFRP Rebar of M/s Tata Steel, ARC & Sainfield (India) Limited, all found satisfactory as per specification. Hence, we accorded provisional approval for M/s Tata steel, ARC and Sainfield (India) Limited. Final approval will be accorded as per following conditions.

1. GFRP rebar can be used in wall reinforcement and in distribution steel only.
2. Each lot supported with MTC.
3. Third party test report required from NABL accredited laboratory (Sample collected from material procured at site).

Thanking you and assuring of our best services always.

Sincerely Yours

M. P. Pathak
TEAM LEADER
(For Theme Engineering Services Pvt. Ltd.)

Copy to: -

1. The Project Director, NHA/ PIU-Chandrapur (MH) for info please.
2. The Vice President, V K Gupta, TES Jaipur



ICT: 861:AKM: 3937

23rd June, 2022

To,

Dilip Buildcon Ltd. DBL-AFC (JV) ALTS HOLDING
Plot No 5 inside Govind Naryan Singh Gate,
Chuna Bhatti, Kolar Bhopal - 462016 M.P.

Attn.: Mr. Rajeev Pathania

Sub: Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane Access-Controlled Expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.00 to 427.300) section of Delhi-Vadodara Green Field Alignment (NH-148N) under Bhoratmala Pariyojana in the State of Rajasthan on EPC Mode (Delhi-Vadodara/NH-148N/AE/Pkg.-10). **Reg.- No Objection on use of GFRP Solid Rockbolts from M/S ARC Insulation & Insulators.**

Ref.: (1) DBL Letter No. DBL-Site/AE/Delhi-Vadodara/2021-22/510 dated 27/04/2022.
(2) ICT Letter No. ICT/I L-DBL/Del-Vad/Pkg-10/NH-148N/2022/453 dated 02/05/2022.
(3) DBL Letter No. DBL-Site/AE/Delhi-Vadodara/2021-22/521 dated 02/05/2022.
(4) ICT Letter No. ICT/T L-DBL/Del-Vad/Pkg-10/NH-148N/2022/485 dated 18/05/2022.
(5) DBL Letter No. DBL-Site/AE/Delhi-Vadodara/2021-22/514 dated 25/05/2022.
(6) ICT Letter No. ICT/T L-DBL/Del-Vad/Pkg-10/NH-148N/2022/507 dated 27/05/2022.
(7) DBL Letter No. DBL-Site/AE/Delhi-Vadodara/2021-22/590 dated 02/06/2022.
(8) DBL Letter No. DBL-Site/AE/Delhi-Vadodara/2022-23/631 dated 22/06/2022.

Dear Sir,

With reference to the above letters, AE would like to inform the EPC contractor that subsequent to above correspondences, a factory visit was carried out by our team comprising of Team Leader and AE's QA/QC Manager on June 06-08. The factory visit report is as per letter cited at (8) to assess their facility, Quality Management systems, standards, procedures and I've testing.

After examining the proposal, AE wish to communicate their Provisional No Objection for use of Class Fiore Reinforced Polymer (GFRP) solid rock bolts, initially for a period of six months subject to fulfilment of following terms and conditions:

1. Primarily the product is to be used for all type of temporary applications of rock bolt only to facilitate the ease of excavation as per the requirement of excavation.
2. This product can also be used in case of P2 (RMR: 61-80) & P3 (RMR: 41-60) class of rock mass.
3. Please note that before application of this product the RMR Value has to be jointly established with AE's Geologist by the EPC Contractor's counterpart.
4. The product shall not be used in shear and fault zones.
5. MTC and test reports from a NABL Approved Third party Lab shall be provided for each consignment fulfilling the technical properties of GFRP solid rockbolts.

Innovative, Creative & Technologically Sustainable Infrastructure Solutions



CIN : U74899DL1987PTC026913

Regd. Office : A-8, Green Park, New Delhi-110 016, INDIA

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Email : business@ictonline.com Website : http://www.ictonline.com

Page 1 of 2

Site Office: House No.909 Ground Floor,
Anandpura Yojna Near Pandit Deen Dayal Nagar
Anandpura, Kote, Rajasthan-324005
T : 0744-2943309, E : kote@ictonline.com

R. Pathania



6. The product quality shall conform to all design parameters/mechanical properties as per Annexure-I enclosed herewith.
7. All the GFRP solid rockbolts shall be supplied and installed with end anchored bolts.
8. All the GFRP solid rockbolts installation has to be fully grouted with Resin cartridge.
9. All the QA/QC Procedure shall be strictly followed.
10. The rockbolts shall have dish shaped face plate to the appropriate standard, having hemi-spherical seating with centralised slot as per clause 7.4 of Schedule D (Annexure-II).
11. Work shall be carried out as per approved design, drawings and method statement.

This is for your information and necessary action.

Thanking you,

Yours faithfully,

For Intercontinental Consultants and Technocrats Pvt. Ltd.

(Arun Kumar Mahajan)
Authority Engineer

Copy to:

- 1) **The Project Director**, National Highways Authority of India, PIU Kota, A-504, Indra Vihar Talwandi- Kota Rajasthan, kotapiu@gmail.com
- 2) **The Team Leader** – Intercontinental Consultants and Technocrats Pvt. Ltd., Kota

Innovative, Creative & Technologically Sustainable Infrastructure Solutions



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Page 2 of 2

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