

Note # 1

**NATIONAL HIGHWAYS AUTHORITY OF INDIA
Project Implementation Unit, Amaravati**

Sub: NHAI - PIU, Amaravati – 6 laning of Chilakaluripet - Vijayawada section of NH-16 – Operation and Maintenance of Chilakaluripet – Vijayawada section of NH-16 (from Km.355+000 to Km.357+342 & from Km.372+038 to Km.437+900, Length – 68.204 km and Incident Management services for Chilakaluripet-Vijayawada section of NH-16 (from Km.355+000 to Km.357+342 & from Km.372+038 to Km.437+900) along with newly formed 6-lane Chilakaluripet Bypass (from Km.0+000 to Km.16+499) (Length – 84.703km) under Performance Based Maintenance Contract (PBMC) – **Proposal for taking up rectification of pavement distress on the service road and defects notified in Retro- Reflect meter (RR) Survey (10th Cycle) at Risk & Cost of the PBMC Contractor – Approval requested - Reg.**

Ref: IE, Ir.no. MSV_Sri Infotech/103//KAZA/2026/NHAI/2272, dated 02.04.2026

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This is regarding submission of proposal for taking up rectification of pavement distress on the service road and defects notified in Retro- Reflect meter (RR) Survey (10th Cycle) at Risk & Cost of the PBMC Contractor as per Clause 32 of Section 5 of GCC.

2. In this regard, following are submitted for kind perusal:

2.1 NHAI-HQ issued LOA to M/s Shiva Buildtech Pvt. Ltd., for the work *“Operation and Maintenance of Chilakauripet Vijayawada section of NH-16 (from km.355+000 to km.357+342 & from km.372+038 to km.437+900), length 68.204 km and Incident Management Services for Chilakaluripet-Vijayawada Section of NH-16 (from km.355+000 to km.357+342 & from km.372+038 to km.437+900) along newly formed 6 lane Chilakaluripet Bypass (from km.0+000 to km.16+499) (Length- 84.703Km) under Performance Based Maintenance Contract (PBMC)”*.

2.2 The PBMC Contractor, M/s Shiva Buildtech Private Limited has commenced their services at site w.e.f. 00.00 hrs of 25.04.2025.

3. While the matter stood thus, [IE vide letter dated 02.04.2026](#) informed the following:

3.1 IE has communicated the RR Survey Report (10th Cycle), highlighting defects/observations related to faded lane markings along with lane-wise details, to the PBMC Contractor vide IE letters dated 31.12.2025 & 31.01.2026. The Contractor was instructed to carry out rectification and submit an Action Taken Report (ATR) within the stipulated time as per Annexure-E of Section-7 of the Contract Agreement.

3.2 Subsequently, the IE issued a Cure Period Notice vide letter dated

11.02.2026, directing the Contractor to rectify the defects/observations, including faded lane markings and other issues, within 15 days, failing which the same would be taken up at the risk and cost of the Contractor as per Clause 32.1 of the Contract Agreement.

3.3 Since no response has been received from the Contractor even after the lapse of the stipulated timeline, this is treated as non-compliance in rectification of RR (10th Cycle) defects/observations communicated vide IE letters dated 31.12.2025 & 31.01.2026.

3.4 Further, the IE issued Cure Period Notice vide letter dated 16.03.2026, directing the Contractor to rectify all pavement distresses on the service road within 15 days from the date of issue of the notice, failing which the same would be executed at the risk and cost of the Contractor as per Clause 32.1 of the Contract Agreement.

3.5 However, despite continuous follow-ups by the Project Director, NHAI and the IE representatives through review meetings and the designated WhatsApp group, the PBMC Contractor has failed to take corrective measures and has not rectified the defects/observations in accordance with the relevant specifications and routine maintenance obligations.

As per Clause 32.1 of Section 5 of GCC:

"If the Contractor fails to correct a defect as per relevant specifications and good industry practice, to the satisfaction of the Engineer, within the time specified in the Engineer's notice, the Engineer shall assess the cost of having the defect corrected. The Contractor shall pay to the Employer this amount, or the Engineer may deduct such amount from any sums due to the Contractor, along with 20% additional cost as damages."

Accordingly, IE submitted the consolidated Risk and Cost Estimate for:

- i. Non-compliance of pavement distresses on the service road
- ii. Non-compliance of defects/observations related to existing road markings identified in the RR Survey (10th Cycle)

3.6 The total estimated amount is Rs.1,79,37,411/-, which includes 20% additional cost as damages as per Clause 32.1 of GCC and GST @ 18%. The estimate has been prepared based on the MoRT&H Standard Data Book (2019) and the Government of Andhra Pradesh Schedule of Rates (SoR) for the year 2025-26.

4. PIU Comments :

4.1 IE furnished Risk & Cost Estimate vide letter dated 02.04.2026 for an amount of Rs.1,79,37,411/- (including GST@ 18%) for rectification of pavement distress on the service road and defects notified in Retro- Reflect meter (RR) Survey (10th Cycle) duly submitting copy to PBMC Contractor.

The details are as under:

Sl. No.	Description of Item	Amount in (Rs.)
1	Non-compliance of pavement distresses on the service road	58,54,8267
2	Non-compliance of defects/observations related to existing road markings identified in the RR Survey (10th Cycle)	71,43,297
3	Total Amount Excluding GST (A)	1,29,98,124
4	GST @ 18% on (A)	23,39,662
5	Estimated Cost including GST (3+4) (B) (Rs.)	1,53,37,786
6	Execution of Works at Risk and Cost of Contractor for Uncorrected Defects with 20% Additional Damages on Sl.No.(4) as per Clause 32.1, Section-5 of General Conditions of Contract	25,99,625
7	Total Cost including GST and Damages (5+6) (C) (Rs.)	1,79,37,411

a. Non-compliance of pavement distresses on the service road:

Sl. No.	Item	Unit	Quantity	Amount (Rs.)	Remarks
1	Milling of Distressed road pavement in depth as mentioned below and invariable width. In a single pass with suitable milling machine (capable of milling @ 200-300 sqm of area per hr.) fitted with loading conveyor for loading the milled material directly on to trucks for safe disposal with all leads and lifts complete in all respect as directed by Engineer in charge. Depth upto 40mm - 100 mm in single pass	Sqm	18,23,856	18,23,856	Photodocumented
2	Tack Coat on Bituminous surfaces (Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 to 0.30 kg per sqm on the prepared bituminous surface cleaned with mechanical broom.)	Sqm	11,26,571	11,26,571	
3	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	37,53,561	37,53,561	

Total		58,54,827
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b. Non-compliance of defects/observations related to existing road markings identified in the RR Survey (10th Cycle):

S . N o .	Item	Unit	Quantity	Amount (in Rs.)
1	Road Marking: Providing and Laying hot applied thermoplastic road marking strip on Bituminous Surface of specified shade/ colour of 2.5 mm thick including Type 1 beads (Refer MORTH Specification Clause 803.4.2) which are a constituent of the basic thermoplastic compound vide Table 800-9 (MORTH Specification) and Type 2 beads are those which are to be sprayed on the surface vide Clause 803.6.4 (MORTH Specification). The glass beads shall have a minimum reflectivity index of 1.5. The glass bead shall be @ 250gm/sqm. The thermoplastic road marking material thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35. Pavement Marking Performance such as Day/Night visibility, Dry/Wet visibility and skid resistance shall be confirming to clause 15.5 of IRC 35. The finished surface to be level, uniform, and free from streaks and holes complete as per direction of Engineer-incharge and in accordance with applicable specifications. (Refer MORTH Clause 803 for technical Specification and Performance for IRC 35:2015). Recommended Use of specialized Road Marking Primer, based on surface conditions.	Sqm	123,373.97	Photo used
Total				71,43,297

4 . 2 [IE vide letter dated 02.04.2026](#) informed that, since the **Contractor failed to rectify the notified defects even after lapse of more than 15 days cure period**, after serving the notices by IE, IE recommended for execution of the said works notified at the Risk and Cost of the Contractor in accordance with Clause 32.1 of Section 5 of the GCC of the Contract Agreement.

4.3 IE submitted the Risk & Cost Estimate for an amount of

Rs.1,53,37,786/- (including GST @ 18%) for rectification of pavement distress on the service road and defects notified in Retro- Reflect meter (RR) Survey (10th Cycle) is enclosed & in addition to this 20% of the estimated cost of Rs.25,99,625/- has to be paid by the Contractor as damages.

The Submission of Risk & Cost Estimate by the IE for an amount of Rs.1,79,37,411/- is examined and is found in order.

4.4 The rates for different materials have been adopted by IE from Common Schedule of Rates as per AP Revised Standard Data for the year 2025-26, the item rates have been arrived based on MoRT&H Standard Data Book for Analysis of Rates – 2019.

In light of the above, approval of Competent Authority is solicited for taking up rectification of pavement distress on the service road and defects notified in Retro- Reflect meter (RR) Survey (10th Cycle) through the agencies empanelled at RO level to take up at Risk & Cost of the PBMC Contractor, M/s Shiva Buildtech Pvt. Ltd.

04/05/2026 07:19 pm

बीआरएनवी जगदीश|BRNVJAGADEESH
उप महाप्रबंधक (तकनीकी)|DGM (TECH)

Note # 2

Approval of Competent Authority is solicited for taking up rectification of pavement distress on the service road and defects notified in Retro- Reflect meter (RR) Survey (10th Cycle) through the agencies empanelled at RO level to take up at Risk & Cost of the PBMC Contractor, M/s Shiva Buildtech Pvt. Ltd.

04/05/2026 08:14 pm

ताला पार्वटेसम|PARVATEESAM TALLA
पीडी पीआईयू- अमरावती|PD PIU-AMRAVATI

Note # 3

PI examine and put up

04/05/2026 08:33 pm

राकेश कुमार सिंह|RAKESH KUMAR SINGH
क्षेत्रीय अधिकारी (विजयवाड़ा)|RO - VIJAYAWADA

Note # 4

PD, PIU–Amaravati (AP), vide [Notes#1](#) and [#2](#) the detailed revised estimate amounting to Rs.1,29,98,124/- (excluding GST) for undertaking rectification of uncorrected identified defects/deficiencies in routine maintenance affecting the safe operation of the project highway, at the risk and cost of the PBMC Contractor, for the 6-laning stretch of the Chilakaluripet–Vijayawada section of NH-16 (from Km 355+000 to Km 357+342 and from Km 372+038 to Km 437+900) has been submitted and requested for approval of Competent Authority.

2. Earlier, PD, PIU–Amaravati (AP), vide e file no [304856](#) recommended detailed estimate amounting to Rs. 1,12,62,412/- (excluding GST) for undertaking rectification of uncorrected identified defects/deficiencies in

routine maintenance affecting the safe operation of the project highway, at the risk and cost of the PBMC Contractor, for the 6-laning stretch of the Chilakaluripet–Vijayawada section of NH-16 (from Km 355+000 to Km 357+342 and from Km 372+038 to Km 437+900) has been submitted and requested for approval of Competent Authority.

3. Based on the recommendations of PD and IE, approval of the estimates was accorded by the competent authority, and bids were invited through empanelled agencies on 28.01.2026 with a bid due date of 12.02.2026 (Tender ID: 2026_NHAI_264551_1), and on 16.02.2026 with a bid due date of 03.03.2026 (Tender ID: 2026_NHAI_267470_1). Accordingly, the bids were opened on 13.02.2026 and 04.03.2026, respectively, and it was observed that no bids were received. Hence, the tender may be re-invited through the empanelled agencies for obtaining quotations. The proposal was accordingly forwarded to NHAI HQ for necessary approval, and NHAI HQ, vide Note #12, accorded approval for the same.

4. This work pertains to the default of M/s Shiva Buildtech Pvt. Ltd. Hence, quotations may be invited from the following contractors, excluding M/s Shiva Buildtech Pvt. Ltd.

- i. M/s. Vijayalakshmi Projects LLP
- ii. M/s. Siddharth Construction
- iii. M/s. R K Chavan Infrastructure Pvt. Ltd
- iv. M/s. JBCO Infratech Private Limited
- v. M/s. Fairways Toll and Security Services Pvt. Ltd
- vi. M/s. Dhingra Brothers (India)

5. Bids Evaluation Committee comprising of following members is proposed as follows:

- | | |
|--|--------------------|
| i. Smt. K.V.D. Ranjani, DGM (Tech.), RO-Vijayawada | - Convenor |
| ii. Sh. T. Parvateesam, PD, PIU-Amaravati | - Member |
| iii. Sh. B. Krishna Murthy, PD, PIU, Rajamahendravaram | - Member |
| iv. Smt. K.V. Krishna Reddy, DM (Tech.), RO-Vijayawada | - Member Secretary |
| v. Sh. Majhi, DM (F&A), NHAI, RO-Vijayawada | - Member |

6. The following Bidding Schedule is proposed:

Invitation of RFP (NIT)	From 06.05.2026
Last date for request of Bid document	Up to 21.05.2026 at 1100 IST
Opening of Technical Bids at venue	22.05.2026 at 1100 IST

7. In view of the above, approval may be accorded for the following to re-invite the quotation as per the delegated powers of the RO vide *Clause 4.2(v) of NHAI Policy Circular No. 10.2.37/2024 dated 08.07.2024*:

- i. Revised estimate for an amount of Rs.1,29,98,124/- (excluding GST) is proposed for undertaking rectification of uncorrected identified defects/deficiencies at the risk and cost of the PBMC Contractor.
- ii. Invitation of quotations as mentioned under para 4 above.
- iii. Publication of the NIT and RFP on the NHAI website

(<https://etenders.gov.in>) in limited-tender.

- iv. Constitution of a committee for evaluation of bids under Para 5 above.
- v. Proposed bidding schedule as mentioned under Para 6 above.

Submitted for kind perusal and necessary approval, please.

06/05/2026 01:02 pm

कोट्टम वेंकटकृष्णदेगी|**KOTTAM VENKATA KRISHNA
REDDY**
उप -प्रबंधक (तकनीकी)|**DEPUTY MANAGER(T)**

Note # 5

Approved as proposed.

06/05/2026 05:25 pm

राकेश कुमार सिंह|**RAKESH KUMAR SINGH**
क्षेत्रीय अधिकारी (विजयवाड़ा)|**RO - VIJAYAWADA**

