

Our ref: 10311479/02

26 January 2026

**To**

**Team Procurement**

National Highways Infra Trust,  
Unit No. 324, D21 Corporate Park, Sector 21  
Dwarka, New Delhi  
E-mail: [procurement@nhit.co.in](mailto:procurement@nhit.co.in)

**Sub:** Enquiry for conducting Revalidation Survey at Gundugolanu - Chinna Avutapalli Section from Existing Km 1023+496 to 1076+280 of NH-16 in the state of Andhra Pradesh.”- **Submission of Financial BOQ for Gundugolanu - Chinna Avutapalli Section**

Dear Sir,

With reference to your email dated on 22<sup>nd</sup> January 2026, we M/s. SATRA Services and Solutions Pvt. Ltd., Hyderabad, hereby submitting our Financial Quote for your good office. Therefore, we would like to request you to kindly consider our Financial BOQ Quote for subject project.

We remain fully committed to participating in this assignment and assure you our best services.

Yours faithfully,

Signature (Authorized Signatory):



Name (Authorized Signatory):

**Mr. Raj Mallela**

Designation (Authorized Signatory):

**Managing Director**

Name and seal of the Applicant

**SATRA Services and Solutions Pvt. Ltd.**

S No	Item Description	Unit	Qty	Rate	Amount
1	<b>Falling Weight Deflectometer (FWD) Survey for Flexible Pavement:</b> i. Conduct deflection tests using a Falling Weight Deflectometer (FWD) for the existing flexible pavement, covering the main carriageway in accordance with the IRC 115 guidelines. ii. Perform testing at a rate of IRC 115 guidelines.	Point	646.00	450.00	2,90,700
2	<b>Falling Weight Deflectometer (FWD) Survey for Rigid Pavement:</b> Execute deflection tests for existing rigid pavement accordance with the IRC 117 guidelines. Analyze the strength of the pavement concrete, balance life of pavement, load transfer at longitudinal and transverse joints and voids according to IRC 117.	Point	10.00	550.00	5,500
3	<b>Network Survey Vehicle (NSV) Survey:</b> Analyze the remaining life of the pavement and determine overlay requirements for flexible pavement if any, according to IRC 115 guidelines. Analyze the strength of the pavement concrete, balance life of pavement, load transfer at longitudinal and transverse joints and voids according to IRC 117.	Lane-Km	265.88	875.00	2,32,645
4	Conducting <b>axle load surveys</b> for 48 hours in both directions at toll plaza locations in each direction to determine VDF	Per Day	4.00	58,000.00	2,32,000
5	Performing <b>test pits</b> at intervals of 5 km along the project corridor in each direction	Nos	21.15	3,500.00	74,018
6	<b>Scope for Retro reflectivity</b>				
6i	Testing of <b>all signboards available in each kilometer</b> of the projects length using Retro Reflectivity Measuring Device. In accordance with ASTM D 4956-09 & as per specifications in IRC:67-2022.	3 Lane Km	54.40	1,100.00	59,840
6ii	Testing of <b>Pavement marking Day time Visibility</b> as per Annexure- D and <b>Night Time Visibility</b> as per Annexure-E of IRC:35-2015.	3 Lane Km	54.40	1,100.00	59,840
6iii	Testing of <b>all signboards available in each kilometer</b> of the projects length using Retro Reflectivity Measuring Device. In accordance	2 Lane Km	51.34	900.00	46,206

S No	Item Description	Unit	Qty	Rate	Amount
	with ASTM D 4956-09 & as per specifications in IRC:67-2022.				
6iv	Testing of <b>Pavement marking Day time Visibility</b> as per Annexure- D and <b>Night Time Visibility</b> as per Annexure-E of IRC:35-2015.	2 Lane Km	51.34	900.00	46,206
7	SCRIM (Sideway force Coefficient Routine Investigation Machine or equivalent) British Pendulum Tester as per ASTM-274, IRC:82-2015 for flexible pavement and IRC: SP:83-2018 for rigid pavement.	Point	272.00	900.00	2,44,800
8	<b>MBIU survey on Major Structures ( Considered LHS Side= 1 Nos &amp; RHS side=1 Nos).</b>	Nos	8.00	15,000.00	1,20,000
9	Mannual structural inspections survey of all Minor Bridge, all underpasses, Box Culvert excluding Major structure. Consider 1 locations= 1 Nos	Nos	65.00	2,500.00	1,62,500
10	Mobilisation and Demobilisation of investigation equipment, Manpower including lodging and boarding	LS		40,000.00	40,000
<b>Total Amount</b>					<b>16,14,255</b>

Signature (Authorized Signatory):



Name (Authorized Signatory):

**Mr. Raj Mallela**

Designation (Authorized Signatory):

**Managing Director**

Name and seal of the Applicant

**SATRA Services and Solutions Pvt. Ltd.**