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A. JAGADISH
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GOLAGAMUDI, Anikepalli.
S.P.S.R. Nellore Dist.

No. 35275 21.09.20
Rs: 100,
Sold to..... Samraj Channa Route to B. Channa
For Whom..... Project Director NHAI PIU, Nellore

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as "MoU") entered into on this 22nd day of September 2020 by and between:

National Highways Authority of India (NHAI) which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns), of the First party;

AND

RISE Krishna Sai Group of Institutions, Ongole District Prakasam, (hereinafter called as RISE Krishna Sai Group of Institutions, Ongole District Prakasam, which the expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns) of the Second Party.

WHEREAS,

Both RISE Krishna Sai Group of Institutions, Ongole District Prakasam, and NHAI are desirous of working together with mutual cooperation for dissemination of respective expertise in civil/highway engineering field through the road infrastructure development.


PRINCIPAL 21/9/20
RISE KRISHNA SAI PRAKASAM
GROUP OF INSTITUTIONS
VALLUR - ONGOLE.


22/09/2020
Project Director
NHAI, PIU, Nellore.

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES AS FOLLOWS:

1. INTENT:

National Highways Authority of India (NHAI) intends to associate the RISE Krishna Sai Group of Institutions, Ongole District Prakasam, who shall voluntarily contribute its share of experience for betterment of the highway infrastructure.

2. SCOPE OF THE MoU:


The primary scope of MOU inter alia includes the following:

- (i) NHAI shall facilitate the faculty, researchers and students of the RISE Krishna Sai Group of Institutions, Ongole District Prakasam, to familiarize with the latest trends in the highway/transportation sector with a common objective of sharing the knowledge in their respective domain. This will, in one hand, facilitate to bridge the industry-institution gap and familiarize students with the latest trends in industry and on the other hand the research output could be suitably adopted in practice by NHAI.
- (ii) The RISE Krishna Sai Group of Institutions, Ongole District Prakasam, shall adopt nearby stretches of NHs as specified in the **Appendix-1** as a voluntary initiative under ambit of Institutional Social Responsibility (ISR). The list of stretches may be modified by deletion/addition by mutual consent of NHAI and the RISE Krishna Sai Group of Institutions, Ongole District Prakasam.
- (iii) The adopted stretch may be used as a field of study for faculty, researchers and students.
- (iv) NHAI shall offer internship to 05 number of undergraduate and 05 number of postgraduate students of the RISE Krishna Sai Group of Institutions, Ongole District Prakasam, periodically and also extend stipend.
- (v) NHAI shall pay stipend @ Rs 8000/- (Rupees Eight Thousand only) per month for undergraduate students and @ Rs 15000/- (Rupees Fifteen Thousand only) per month to Postgraduate students. All other arrangements including stay shall be responsibility of the Institute. However, depending upon availability, NHAI may extend transportation facility to the interns within the project jurisdiction.

3. Roles and Responsibilities:

The scope of this MOU shall be carried out in a collaborative mode between NHAI and the RISE Krishna Sai Group of Institutions, Ongole District Prakasam. The Roles & Responsibilities of NHAI and the Technical Institute in performing the defined objective shall be as follows:


PRINCIPAL
RISE KRISHNA SAI PRAKASAM
GROUP OF INSTITUTIONS


Project Director
NHAI, PIU, Nellore.

NHAI

NHAI shall provide the list of potential candidate National Highway stretches for adopting by the Technical Institute.

1. NHAI shall provide the list of potential candidate National Highway stretches for adopting by the Technical Institute;
2. NHAI shall facilitate availability of relevant data required with specific reference to the above stretches through its field office/consultant/concessionaire/contractor engaged in the project;
3. NHAI will nominate an officer as a point of contact for all correspondence in carrying out the defined objective;
4. NHAI shall facilitate the faculty, researchers and students of the Institute to give access to the site of the identified stretch being adopted by the Technical Institute, relevant documents for the purpose of activities to be carried by these intellectuals of the Institute;
5. NHAI through its field office/Consultant/Concessionaire/Contractor engaged in the project, as per reasonable requirement, will disseminate and familiarize the latest trends and know how in highway/transportation sector in general and the identified project in specific to the authorized faculty, researchers and students of the Institute;
6. NHAI may suitably adopt the research output and feedback received from the Technical Institute in practice for qualitative improvement as deemed fit at appropriate stage of implementation;
7. NHAI may support creation of Lab infrastructure in the Institute and can sponsor relevant research project that helps in using alternative resource material and improving quality of roads;
8. The NH stretch adopted can be co-branded with the associated technical institute by NHAI;

RISE Krishna Sai Group of Institutions, Ongole District Prakasam

- a. The Institute shall adopt stretch (es) of NHs as specified in the Appendix-1 as a voluntary initiative.
- b. The Technical Institute through its authorized faculty, researchers and students will carry out periodic investigation and give suitable suggestions for improving the efficiency of existing highway asset inter alia covering the following aspects:
 - (i) Improvements in safety provision by removing existing deficiencies;


PRINCIPAL
RISE KRISHNA SAI PRAKASAM
GROUP OF INSTITUTIONS


Project Director
NHAI, PIU, Nellore.

(ii) Improvements in continual maintenance of the stretch using new technologies;

(iii) Localized solutions for removal of congestion points thereby increasing the average speed of traffic flow;

(iv) Improvements in the riding comfort through cost effective measures based on innovative technologies on practices applicable in the area;

(v) Viability of new way side amenities for road user based on the existing traffic pattern and user expectations;

(vi) Potential solutions to old recurring problems based on local experience etc;


c. The Institute may also associate with the Consultants/NHAI during conceptualization, design and project preparation of new projects and suggest the relevant parameters and innovations based on experience specific to the site climate, topography and resource potential for better socio economic outcome.

d. The Technical Institute will nominate a coordinator as a point of contact for all correspondence in carrying out the defined objective as well as inform, from time to time.

4. EFFECTIVE DATE AND PERIOD OF MOU


This MoU shall come into effect for all its intents and purposes from the immediate effect and shall remain valid for a period of 5 years from the date of signing unless terminated earlier by mutual consent by either party by giving 60 days' notice in writing to the other party.

RISE Krishna Sai Group of Institutions,
Ongole District Prakasam


(Authorized Signatory)
22/9/2020


PRINCIPAL
RISE KRISHNA SAI PRAKASAM
GROUP OF INSTITUTIONS
VALLUR - ONGOLE

Witness:


(P. Rayhana Reddy)
Asst professor


For NHAI




22/09/2020

(PD, PIU-Nellore)

RO-Vijayawada


Ravi
Ravi Kishwaha
Witness

APPENDIX-1

The Institute shall adopt the following stretch(es) of NHs as a voluntary initiative under the ambit of Institutional Social Responsibility (ISR).

S. No	Details of the stretch (From Chainage to Chainage)	NH No	Length	Stage of implementation (completed/under construction/under maintenance/project preparation)	Remarks
1	Chilkaluripet - Nellore section of NH-16 in the state of AP (Km 1302.000 to 1366.547)	NH-16	64.547 Km	Under construction	PCOD issued in 2017

Above list of stretches may be modified by deletion/addition by mutual consent of NHAI and the RISE Krishna Sai Group of Institutions, Ongole.


22/9/20

PRINCIPAL
RISE KRISHNA SAI PRAKASHAN
GROUP OF INSTITUTIONS
VALLUR - ONGOLE.





Project Director
NHAI, PIU-Nellore



डॉ. सुखबीर सिंह संधु, आईएएस
अध्यक्ष
Dr. SUKHBIR SINGH SANDHU, IAS
CHAIRMAN



NHAI
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
सड़क परिवहन और राजमार्ग मंत्रालय
National Highways Authority of India
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

DO No.: NHAI/Misc./Adoption /2020
June 12, 2020

Dear Principal,

As you are aware, National Highways Authority of India (NHAI) is mandated with development, maintenance and management of National Highways which are arterial networks of the Country. The NHAI's vision is to provide a world class NH network to meet the Nation's needs which is being realised by implementing a large number of mega highway projects in a cost effective manner. As highway infrastructure is built with public funds, NHAI always strives for enhanced economic and social benefits by way of savings in operating cost, safety, user comfort etc.

2. I would like to draw your attention towards an initiative of NHAI to leverage the intellectual prudence of students and faculty towards improvement of road infrastructure ecosystem in the country. As per this initiative, a Civil Engineering Institute may adopt a few nearby stretches of National Highway (NH), on voluntary basis, under the ambit of Institutional Social Responsibility (ISR). This provides opportunity to students for hands-on-learning, internships and a sense of contribution in building local infrastructure. The faculty gets relevant areas for their research, including access to data, aiming to improve quality and safety aspects of the NHs. The Institute derives utility through enhancing user experience and leveraging NHAI resources for further academic advancement. The NH stretch adopted can be co-branded with the associated technical institute by NHAI.


3. In this regard, I invite you to adopt some of the NH stretches near your Institute on voluntary basis. The broad contours of association are enclosed with the letter. Once an in-principle consent is received from your end, the detailed modalities of such an arrangement could be worked out with mutual convenience. In this regard, I have asked my senior officer to be in touch with you with this letter and brief about the potential stretches for this purpose and mutual benefits of the collaboration.

4. I look forward to your support and cooperation in this endeavour of Nation building through improvement of road infrastructure of the country.

With regards

Yours sincerely,

Encl.: As above.


(Sukhbir Singh Sandhu)

As per list attached



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport and Highways)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली-110075

G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष / Phone : 91-11-25074100/25074200

फैक्स / Fax : 91-11-25-093507 / 25093514

NHAI/HQ/Engg College/2020/E-69314

16.09.2020

To

All ROs

Sub: Proposal of adoption of NHs by Engineering Colleges-Regarding signing/execution and implementation of MoU.

Sir,

Ref this office letter dated 18.05.2020 and 06.07.2020 wherein ROs were requested to interact with Directors/ Principals of reputed Institutes regarding adoption of nearby NHs and signing of MoUs.

2. The following implementation strategy has been approved by the competent authority:

- (i) ROs should approach remaining Institutes and expedite signing of MOUs with Institutes on mutually agreed stretches. The approved MoU (circulated vide email dated 21.07.2020) could be used for signing by all ROs and in case of any deviation; the same shall be referred to HQ for approval.
- (ii) The duration of internship shall be of 2 months in a year @ INR 8,000 and INR 15,000 per month for maximum 20 UG and 20 PG students respectively. Based on experience and field requirement, the same may be reviewed in subsequent years.
- (iii) The ROs are hereby delegated powers to release internship fee as per terms and conditions of the MoU.
- (iv) As part of stake holder's consultation in preparation of DPR/Feasibility, the feedback of the associate Institute may be mandatorily obtained. However, such feedback will be of suggestive nature and NHAI will not be bound to accept these recommendations.
- (v) NHAI may support creation of Lab infrastructure in the Institute and can sponsor relevant research project that helps in using alternative resource material and improving quality of roads on case to case basis
- (vi) The interns may use the Lab Infrastructure of the Contractor or of their Institute as per availability on as required basis without any extra payment.
- (vii) Intellectual property, if any, developed during the entire process will be shared equally by NHAI and the Institute.
- (viii) ROs should upload progress on Data lake.

3. It is requested to ensure that implementation should start at the earliest on the stretches where MOUs have already been entered and also forward the progress on weekly basis.

Yours Faithfully,


(K K Arora)
GM(Tech)

DRAFT MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as "MoU") entered into on this day of 2020 by and between:

National Highways Authority of India (NHA) which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns), of the First party;

AND

The **Technical Institute** (name of the Institute: IIT/NIT/reputed college of Engg, as the case may be) (hereinafter called as which the expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns) of the Second Party.

WHEREAS,

Both the **Technical Institute (TI)** and NHA are desirous of working together with mutual cooperation for dissemination of respective expertise in civil/highway engineering field through the road infrastructure development.

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES AS FOLLOWS:

1. INTENT:

National Highways Authority of India (NHA) intends to associate the **TI** who shall voluntarily contribute its share of experience for betterment of the highway infrastructure.

2. SCOPE OF THE MoU

The primary scope of MOU inter alia includes the following:

(i) NHA shall facilitate the faculty, researchers and students of the Institute to familiarize with the latest trends in the highway/transportation sector with a common objective of sharing the knowledge in their respective domain. This will, in one hand, facilitate to bridge the industry-institution gap and familiarize students with the latest trends in industry and on the other hand the research output could be suitably adopted in practice by NHA.

(ii) The Institute shall adopt nearby stretches of NHs as specified in the **Appendix-1** as a voluntary initiative under ambit of Institutional Social Responsibility (**ISR**). The list of stretches may be modified by deletion/addition by mutual consent of NHA and the Technical Institute.

(iii) The adopted stretch may be used as a field of study for faculty, researchers and students.

(iv) NHA shall offer internship tonumber of undergraduate/postgraduate students of the Institute periodically and also extend stipend

(v) NHA shall pay stipend @ Rs. (Rupees only) per month for undergraduate students and @ Rs. (Rupees only) per month to Postgraduate students. All other arrangements including stay shall be responsibility of the Institute. However, depending upon availability, NHA may extend transportation facility to the interns within the project jurisdiction.

3. Roles and Responsibilities:

The scope of this MOU shall be carried out in a collaborative mode between NHA and the Technical Institute. The Roles & Responsibilities of NHA and the Technical Institute in performing the defined objective shall be as follows:

NHA

- a. NHA shall provide the list of potential candidate National Highway stretches for adopting by the Technical Institute;
- b. NHA shall facilitate availability of relevant data required with specific reference to the above stretches through its field office/consultant/concessionaire/contractor engaged in the project;
- c. NHA will nominate an officer as a point of contact for all correspondence in carrying out the defined objective;
- d. NHA shall facilitate the faculty, researchers and students of the Institute to give access to the site of the identified stretch being adopted by the Technical Institute, relevant documents for the purpose of activities to be carried by these intellectuals of the Institute;
- e. NHA through its field office/Consultant/Concessionaire/Contractor engaged in the project, as per reasonable requirement, will disseminate and familiarize the latest trends and know how in highway/transportation sector in general and the identified project in specific to the authorized faculty, researchers and students of the Institute;
- f. NHA may suitably adopt the research output and feedback received from the Technical Institute in practice for qualitative improvement as deemed fit at appropriate stage of implementation.
- g. NHA may support creation of Lab infrastructure in the Institute and can sponsor relevant research project that helps in using alternative resource material and improving quality of roads.
- h. The NH stretch adopted can be co-branded with the associated technical institute by NHA

The Technical Institute

- a. The Institute shall adopt stretch(es) of NHs as specified in the **Appendix-1** as a voluntary initiative.
- b. The Technical Institute through its authorized faculty, researchers and students will carry out periodic investigation and give suitable suggestions for improving the efficiency of existing highway asset inter alia covering the following aspects:
 - (i) Improvements in safety provision by removing existing deficiencies;
 - (ii) Improvements in continual maintenance of the stretch using new technologies;
 - (iii) Localized solutions for removal of congestion points thereby increasing the average speed of traffic flow;
 - (iv) Improvements in the riding comfort through cost effective measures based on innovative technologies on practices applicable in the area;
 - (v) Viability of new way side amenities for road user based on the existing traffic pattern and user expectations;
 - (vi) Potential solutions to old recurring problems based on local experience etc.

c. The Institute may also associate with the Consultants/NHAI during conceptualization, design and project preparation of new projects and suggest the relevant parameters and innovations based on experience specific to the site climate, topography and resource potential for better socio economic outcome

d. The Technical Institute will nominate a coordinator as a point of contact for all correspondence in carrying out the defined objective as well as inform, from time to time.

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For the Technical Institute

For NHAI

(Authorised Signatory)

(Authorised Signatory)

Witness:

Witness

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APPENDIX-1

The Institute shall adopt the following stretch(es) of NHs as a voluntary initiative under the ambit of Institutional Social Responsibility (ISR).

S.No	Details of the stretch (From Chainage to Chainage)	NH No	Length	Stage of implementation (completed/under construction/under maintenance/project preparation)	Remarks

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