

**Indian Academy of Highway Engineers**  
(Ministry of Road Transport and Highways, Govt. of India)

F. No. IAHE/Trg/14/Calendar Trgs-10/2020-21

Dated: 10<sup>th</sup> July, 2020

**OFFICE MEMORANDUM**

Subject: Online Training programme on Public Private Partnership (PPP) Contracts for Highway Projects from 27<sup>th</sup> July, 2020 to 07<sup>th</sup> August, 2020 on Cisco WebEx - Request for nominations regd.

Indian Academy of Highway Engineers (IAHE) is organizing an 'Online Training Programme on Public Private Partnership (PPP) Contracts for Highway Projects' from 27<sup>th</sup> July, 2020 to 07<sup>th</sup> August, 2020 on Cisco WebEx (website and app) which is being used widely for video conferencing purposes presently. Eminent guest faculty will deliver the lectures on the topics as per attached schedule and share their vast experiences online. Discussions and deliberations will be held online with the faculty on WebEx. Therefore, participants need to download the WebEx App through Google Play Store or iOS Store or hyperlink <https://www.webex.co.in/> where account can be signed up for free of cost. The website and app are user friendly but participants need to get acquainted with the app before joining the training sessions.

2. One day before the lecture, a hyperlink to attend the lectures with Meeting ID and Password will be shared by IAHE with the participants on email IDs and WhatsApp. Participants need to click the hyperlink to join the lectures with Meeting ID and Password as indicated in the email/WhatsApp. These steps are to be followed every day to attend the lectures as per schedule.

3. All the participants are requested to attend the lectures daily on time positively. For any clarification, they can contact Mr. D. Sarangi, Director, IAHE, Mob: 8130781101 or the undersigned for assistance required, if any.

4. NHAI, NHIDCL, BRO, State PWDs, Central and State PSUs, etc. are requested to nominate Officers to attend the programme online. The nominations may please be sent as soon as possible on to [iahe.training@gmail.com](mailto:iahe.training@gmail.com) or [anil.morth@gmail.com](mailto:anil.morth@gmail.com).

With regards,

Yours Sincerely,

  
Anil Kumar Meena, 10/7/2020  
Deputy Director & Course coordinator,  
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of India), A-5, Sector-62, NH-24 Bypass, Noida-  
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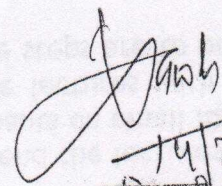


कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष  
लो० नि० वि० उत्तराखण्ड

पृ० प्र० सं०- 454 / 15 प्रशिक्षण दिनांक- 15/07/2020

प्रशिक्षण निम्नलिखित को सुनाया एवं  
इस आशय से प्रेरित कि On-Line प्रशिक्षण  
हेतु अभियन्ताओं के नाम दि०- 21-07-2020 तक  
फैम्स/ई-चेल/विशेष बाटक के आक्षेप से इस  
कार्यालय को उपलब्ध करने का कठोर प्रयत्न करें।

- ① लगता केलीय युवा अभियन्ता, लो० नि० वि०,
- ② लगता अधीक्षक अभियन्ता, लो० नि० वि०,
- ③ लगता अधीक्षक अभियन्ता, लो० नि० वि०,
- ④ अधिकारी, आई० टी० सेल, विभागाध्यक्ष कार्यालय,  
लो० नि० वि०, देहरादून को ई-चेल करके जाने हेतु।

  
15/7/20

अधिसूची अभियन्ता  
कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष  
लोक निर्माण विभाग, उत्तराखण्ड  
देहरादून



Online Training programme on Public Private Partnership (PPP) Contracts for Highway Projects from 27<sup>th</sup> July, 2020 to 07<sup>th</sup> August, 2020 on Cisco WebEx

Time Period	Description of Topic
<b>Day 1-27.07.2020 (Monday)</b>	
10:00-10:15	Introduction and Opening
10:15-13:00	<b>Objectives and Fundamentals of PPP Projects</b> <ul style="list-style-type: none"> <li>➤ Need for PPP Projects</li> <li>➤ Basic Concepts of PPP Projects</li> <li>➤ Policies and Legal/Regulatory Framework for PPP Projects</li> <li>➤ Appraisal &amp; Approval Procedure of PPP Projects on National Highways</li> </ul>
<b>Day 2-28.07.2020 (Tuesday)</b>	
10:00-12:45	<b>Financing of PPP projects</b> <ul style="list-style-type: none"> <li>➤ Financial Assessment of PPP Projects</li> <li>➤ Revenue Forecast</li> <li>➤ Financial Viability (Financial Internal Rate of Return)</li> <li>➤ Bankable Project</li> <li>➤ Debt Equity Ratio</li> <li>➤ Return on Equity</li> <li>➤ Debt Service Cover Ratio</li> <li>➤ Cost Recovery</li> <li>➤ Viability Gap Funding</li> <li>➤ Quantitative Risk Analysis</li> </ul>
<b>Day 3-29.07.2020 (Wednesday)</b>	
10:00-12:45	<b>Procurement of Concessionaire for BOT (Toll), BOT (Annuity) &amp; HAM Projects</b> <ul style="list-style-type: none"> <li>➤ Procurement Principles</li> <li>➤ Public Procurement policy of India</li> <li>➤ Preparation of Bid Document including Schedules</li> <li>➤ Notice Inviting Bid</li> <li>➤ Instructions to Bidders</li> <li>➤ Eligibility &amp; Qualification Criteria</li> <li>➤ Bid Security</li> <li>➤ Preparation &amp; Submission of Bid</li> <li>➤ Bid Evaluation</li> <li>➤ Award of Concession</li> <li>➤ Incorporation of SPV as Concessionaire</li> <li>➤ Signing of Agreement.</li> </ul>
<b>Day 4 &amp; 5-30.07.2020 (Thursday) &amp; 31.07.2020 (Friday)</b>	
10:00-12:45	<b>Model Concession Agreement for BoT (Toll) Projects</b> <ul style="list-style-type: none"> <li>➤ Relationship with Manual of Specification &amp; Standards for 2/4/6 laning of Highways</li> <li>➤ Filling up of brackets and asterisks in model document</li> <li>➤ Provisions in Articles and Schedules <ul style="list-style-type: none"> <li>• Scope of Project</li> <li>• Conditions Precedent</li> <li>• Financial Close</li> <li>• Appointed Date</li> </ul> </li> </ul>



	<ul style="list-style-type: none"> <li>• User Fee</li> <li>• Obligations</li> <li>• Design &amp; Construction of Project</li> <li>• Change of Scope</li> <li>• Operation &amp; Maintenance</li> <li>• Grant/Premium</li> <li>• Escrow Account</li> <li>• Force Majeure</li> <li>• Suspension</li> <li>• Termination</li> <li>• Dispute Resolution</li> </ul>
<b>Day 6&amp; 7-03.08.2020 (Monday) &amp; 04.08.2020 (Tuesday)</b>	
10:00-12:45	<b>Model Concession Agreement for HAM Projects</b> <ul style="list-style-type: none"> <li>➤ Relationship with Manual of Specification &amp; Standards for 2/4/6 laning of Highways</li> <li>➤ Filling up of brackets and asterisks in model document Provisions in Articles and Schedules</li> </ul>
<b>Day 8- 05.08.2020 (Wednesday)</b>	
10:00-12:45	<b>Framework of the Model Concession Agreement for Operation, Maintenance &amp; Tolling (OMT) and TOT</b>
<b>Day 9- 06.08.2020 (Thursday)</b>	
10:00-12:45	<b>Procurement of Independent Engineer for PPP Projects</b> <ul style="list-style-type: none"> <li>➤ Terms of Reference</li> <li>➤ Infracon</li> <li>➤ Instructions to Bidders</li> <li>➤ Bid Security</li> <li>➤ Preparation &amp; Submission of Bid</li> <li>➤ Bid Evaluation</li> <li>➤ QCBS method of selection</li> <li>➤ Award of Contract</li> <li>➤ Performance Security</li> <li>➤ Signing of Agreement</li> </ul>
<b>Day 10- 07.08.2020 (Friday)</b>	
10:00-12:45	<b>Contract Administration, Dispute Resolution including Case Studies</b> <ul style="list-style-type: none"> <li>➤ Role of Authority, Concessionaire &amp; Independent Engineer</li> <li>➤ Efficient Methods of Contract Administration               <ul style="list-style-type: none"> <li>• Clarity of Obligations &amp; Rights</li> <li>• Decision in time</li> <li>• Management Meetings</li> </ul> </li> <li>➤ General Disputes in PPP Contracts</li> <li>➤ Drafting of Correspondence relating to Contract</li> <li>➤ Measures to prevent Disputes</li> <li>➤ Step by Step Procedure for Dispute Resolution</li> <li>➤ Sample Case Studies</li> </ul>
12:45-13:00	<b>Feedback and Concluding the program</b>