

# राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार  
तीसरी मंजिल, पीटीआई बिल्डिंग, 4-संसद मार्ग, नई दिल्ली-110001



**National Highways & Infrastructure Development Corporation Limited**

Ministry of Road Transport & Highways, Govt. of India  
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(भारत सरकार का उद्यम)

(A Government of India Enterprise)

## Corrigendum - III

NHIDCL/Nagaland/DK3/Viaduct/BP/2023/1786

Date: 29.08.2023

To,

All Respective Bidders

**Subject:** Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) contract basis - **Modification in tender documents.**

**Tender Id: 2023\_NHIDC\_756910\_1**

Sir/Madam,

Please find herewith Corrigendum-III for modification in tender documents on the above mentioned subject as per details below:

| Sl.No | Tender Details    | Existing Provision   | Modified provision   |
|-------|-------------------|--|--|
| 1.    | NIT & RFP         | Bid Due Date is 07.09.2023 upto 1100 hrs<br><br>Opening Date of Technical Bid on 08.09.2023 at 1130 hrs  | Bid Due Date is 07.10.2023 upto 1100 hrs<br><br>Opening Date of Technical Bid on 09.10.2023 at 1130 hrs  |
| 2.    | RFP Clause 2.11.3 | The documents listed at clause 2.11.2 shall be placed in an envelope, which shall be sealed. The envelope shall clearly bear the identification "Slope protection works for the work of Construction of Four Lane Dimapur — Kohima Road from design km 152.490 to km 166.700 (Existing km 156.000 to km 172.900) Excluding Dimapur & Kohima Bypass, in the state of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Contract Basis "and shall clearly indicate the name and address of the Bidder. In addition, the BID Due Date should be indicated on the right hand top corner of the envelope. | The documents listed at clause 2.11.2 shall be placed in an envelope, which shall be sealed. The envelope shall clearly bear the identification "Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) basis" and shall clearly indicate the name and address of the Bidder. In addition, the BID Due Date should be indicated on the right hand top corner of the envelope. |
| 3.    | RFP (all pages)   | RFP header :<br><br>"Construction of RCC Box Cell Viaduct by Cast in Situ method at chainage Km 153.150 to Km 153.350 and Km 155.850 to km 156.300 along with other ancillary works on NH-29 in the state of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Contract  | RFP header :<br><br>"Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through   |

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|         |   |   |               |                 |  |                    |                                 |   |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
|---------|---|---|---------------|-----------------|--|--------------------|---------------------------------|---|---|-------------------|--|--|-----------------|--------------------|---------|------------|---------------|-----------------|---|--------------------|-------------------|--|--|--------|-----|---------------------------------|--|--|--|--|--|--|---------|---|-------------------|--|--|-------------|--------------------|---------|------------|---------------|-----------------|---|--------------------|-------------------|--|--|--|-----|---------------------------------|
|         |   | Basis) "  |               |                 |  |                    |                                 | Engineering, Procurement and Construction (EPC) Basis"  |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
| 4.      | RFP Section 7 Para 5.1 (c)  | RCC Box cell Viaduct (Cast – in – Situ) – 160 m   |               |                 |  |                    |                                 | RCC Box cell Viaduct ( Box Pushing) – 150 m   |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
| 5.      | RFP Clause 2.2.2.2 (iii)(c) Similar Work Experience: RCC Box Cell Viaduct | The sole Bidder shall have completed at least one similar <b>RCC Box Cell Viaduct (Box Push)</b> project in Highway/Road/Railway sector the last 5 (Five) financial years preceding the Bid Due Date, having total length equal to or greater than 50% of the total length or 100 m, whichever is less of the structure proposed in this project and also the cost of such similar project shall be at least 20% of the Estimated Project Cost. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 20% of the Estimated Project Cost.  |               |                 |  |                    |                                 | The sole Bidder shall have completed at least one similar <b>RCC Box Cell Viaduct (Box Push)</b> project in Highway/Road/Railway sector the last 5 (Five) financial years preceding the Bid Due Date, having total length equal to or greater than 50% of the total length of viaduct to be constructed (50% of box push in 150 m length) or 100 m, & having atleast 50% of the cross sectional area of the viaduct to be constructed, with minimum pushing at one place of 25% of total length of viaduct to be constructed ( 25% of box push in 150 m length) and also the cost of such similar project shall be at least 20% of the Estimated Project Cost. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 20% of the Estimated Project Cost. |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
| 6.      | Schedule-B Clause 9.1.4   | <table><tr><td rowspan="2">Sl. No.</td><td rowspan="2">Length of Box cell Design (from km to km)</td><td colspan="3">Type of Structure</td><td rowspan="2">Span Length (m)</td><td rowspan="2">Footpath Width (m)</td><td rowspan="2">Remarks</td></tr><tr><td>Foundation</td><td>Sub-structure</td><td>Super structure</td></tr><tr><td>1</td><td>157+240 to 157+390</td><td colspan="3">RCC BOX Cell TYPE</td><td>2 x 11</td><td>1.5</td><td>Precast with Box Push Technique</td></tr></table>  |               |                 |  |                    |                                 | Sl. No.   | Length of Box cell Design (from km to km) | Type of Structure |  |  | Span Length (m) | Footpath Width (m) | Remarks | Foundation | Sub-structure | Super structure | 1 | 157+240 to 157+390 | RCC BOX Cell TYPE |  |  | 2 x 11 | 1.5 | Precast with Box Push Technique | <table><tr><td rowspan="2">Sl. No.</td><td rowspan="2">Length of Box cell Design (from km to km)</td><td colspan="3">Type of Structure</td><td rowspan="2">Span Length</td><td rowspan="2">Footpath Width (m)</td><td rowspan="2">Remarks</td></tr><tr><td>Foundation</td><td>Sub-structure</td><td>Super structure</td></tr><tr><td>1</td><td>157+240 to 157+390</td><td colspan="3">RCC BOX Cell TYPE</td><td>2 x (11m x 5.6 m) in 150 m length (internal size )</td><td>1.5</td><td>Precast with Box Push Technique</td></tr></table> |  |  |  |  |  | Sl. No. | Length of Box cell Design (from km to km) | Type of Structure |  |  | Span Length | Footpath Width (m) | Remarks | Foundation | Sub-structure | Super structure | 1 | 157+240 to 157+390 | RCC BOX Cell TYPE |  |  | 2 x (11m x 5.6 m) in 150 m length (internal size ) | 1.5 | Precast with Box Push Technique |
| Sl. No. | Length of Box cell Design (from km to km)                                 | Type of Structure   |               |                 | Span Length (m)                                    | Footpath Width (m) | Remarks                         |   |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
|         |   | Foundation  | Sub-structure | Super structure |  |                    |                                 |   |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
| 1       | 157+240 to 157+390  | RCC BOX Cell TYPE   |               |                 | 2 x 11   | 1.5                | Precast with Box Push Technique |   |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
| Sl. No. | Length of Box cell Design (from km to km)                                 | Type of Structure   |               |                 | Span Length  | Footpath Width (m) | Remarks                         |   |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
|         |   | Foundation  | Sub-structure | Super structure |  |                    |                                 |   |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
| 1       | 157+240 to 157+390  | RCC BOX Cell TYPE   |               |                 | 2 x (11m x 5.6 m) in 150 m length (internal size ) | 1.5                | Precast with Box Push Technique |   |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |
| 7.      | RFP Clause 1.1.1  | The National Highways & Infrastructure Development Corporation Limited (NHIDCL) represented by Managing Director (the "Authority") is engaged in the development of National Highways and as part of this endeavour, the Authority has decided to undertake the work of <b>"Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Contract Basis"</b> (the "Project") through an Engineering, Procurement and Construction (the "EPC") Contract, and has decided to carry out the International Competitive bidding process for selection of a Bidder to whom the Project may be awarded. A brief description of the project may be seen in the Information Memorandum of the Project at the CPPP website <a href="https://eprocure.gov.in/eprocure/app">https:// eprocure.gov.in/eprocure/app</a> . Brief particulars of the Project are as follows: |               |                 |  |                    |                                 | The National Highways & Infrastructure Development Corporation Limited (NHIDCL) represented by Managing Director (the "Authority") is engaged in the development of National Highways and as part of this endeavour, the Authority has decided to undertake the work of <b>"Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Basis"</b> (the "Project") through an Engineering, Procurement and Construction (the "EPC") Contract, and has decided to carry out the International Competitive bidding process for selection of a Bidder to whom the  |   |                   |  |  |                 |                    |         |            |               |                 |   |                    |                   |  |  |        |     |                                 |  |  |  |  |  |  |         |   |                   |  |  |             |                    |         |            |               |                 |   |                    |                   |  |  |  |     |                                 |

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|  |                           | <table><tr><th>Name of the work</th><th>Length in Km</th><th>Estimated Project Cost (Excl. GST) (In ₹ cr.)</th><th>Bid Security (Rs in Cr)</th><th>Completion Period</th></tr><tr><td>“Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Contract Basis”</td><td>-</td><td>94.26</td><td>0.93</td><td>18 Months of Construction + 60 months of Maintenance</td></tr></table>   | Name of the work        | Length in Km  | Estimated Project Cost (Excl. GST) (In ₹ cr.) | Bid Security (Rs in Cr) | Completion Period | “Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Contract Basis” | -        | 94.26            | 0.93 | 18 Months of Construction + 60 months of Maintenance | <p>Project may be awarded. A brief description of the project may be seen in the Information Memorandum of the Project at the CPPP website <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>. Brief particulars of the Project are as follows:</p> <table><tr><th>Name of the work</th><th>Length in km</th><th>Estimated Project Cost (Excl. GST) (In ₹ Cr.)</th><th>Bid Security (In ₹ Cr.)</th><th>Completion Period</th></tr><tr><td>“Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) basis”</td><td>-</td><td>94.26</td><td>0.93</td><td>18 Months of Construction period + 120 months of Maintenance Period (DLP)</td></tr></table> | Name of the work | Length in km | Estimated Project Cost (Excl. GST) (In ₹ Cr.) | Bid Security (In ₹ Cr.) | Completion Period | “Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) basis” | -        | 94.26                | 0.93 | 18 Months of Construction period + 120 months of Maintenance Period (DLP) |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
|--|---------------------------|--|-------------------------|---|---|-------------------------|-------------------|--|----------|------------------|------|--|---|------------------|--------------|---|-------------------------|-------------------|---|----------|----------------------|------|---|-----|--|-------|------|--|--------|---------------------|-------------------|----------|----------|---------------------|----------|------------------|---|---------------------------|-----|-----|-----|-----|-----|-----|--------|----------|------------|
| Name of the work   | Length in Km              | Estimated Project Cost (Excl. GST) (In ₹ cr.)  | Bid Security (Rs in Cr) | Completion Period   |   |                         |                   |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| “Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Contract Basis” | -                         | 94.26  | 0.93                    | 18 Months of Construction + 60 months of Maintenance                      |   |                         |                   |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| Name of the work   | Length in km              | Estimated Project Cost (Excl. GST) (In ₹ Cr.)  | Bid Security (In ₹ Cr.) | Completion Period   |   |                         |                   |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| “Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) basis”          | -                         | 94.26  | 0.93                    | 18 Months of Construction period + 120 months of Maintenance Period (DLP) |   |                         |                   |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| 8.   | Schedule-B Para 5.1.1     | <p><b>Rigid Pavement</b> layer is considered as tabulated below.</p> <table><tr><th>Sl. No.</th><th>Section (Design Km)</th><th>Design Length (km)</th><th>PQC (mm)</th><th>DLC (mm)</th><th>Drainage layer (mm)</th><th>GSB (mm)</th><th>Total Crust (mm)</th></tr><tr><td>1</td><td>Mentioned at para 6 below</td><td>0.250</td><td>300</td><td>150</td><td>100</td><td>100</td><td>650</td></tr></table> <p>As per site condition RCC Box cell tunnel (Push Technique) including road works is proposed as under EPC Contract:</p> <table><tr><th>Sl. No</th><th>Chainage</th><th>Length (m) in 4 lane</th></tr><tr><td>1</td><td>157+200 to 157+500 BHS</td><td>300</td></tr><tr><td></td><td>Total</td><td>300m</td></tr></table> | Sl. No.                 | Section (Design Km)   | Design Length (km)                            | PQC (mm)                | DLC (mm)          | Drainage layer (mm)  | GSB (mm) | Total Crust (mm) | 1    | Mentioned at para 6 below                            | 0.250   | 300              | 150          | 100   | 100                     | 650               | Sl. No  | Chainage | Length (m) in 4 lane | 1    | 157+200 to 157+500 BHS  | 300 |  | Total | 300m | <p><b>Rigid Pavement</b> layer is considered as tabulated below.</p> <table><tr><th>Sl. No</th><th>Section (Design Km)</th><th>Design Length (m)</th><th>PQC (mm)</th><th>DLC (mm)</th><th>Drainage layer (mm)</th><th>GSB (mm)</th><th>Total Crust (mm)</th></tr><tr><td>1</td><td>Mentioned at para 6 below</td><td>150</td><td>300</td><td>150</td><td>100</td><td>100</td><td>650</td></tr></table> <p>As per site condition, RCC Box Cell Tunnel (Push Technique) including road works proposed under EPC Contract is as below:</p> <table><tr><th>Sl. No</th><th>Chainage</th><th>Length (m)</th></tr></table> | Sl. No | Section (Design Km) | Design Length (m) | PQC (mm) | DLC (mm) | Drainage layer (mm) | GSB (mm) | Total Crust (mm) | 1 | Mentioned at para 6 below | 150 | 300 | 150 | 100 | 100 | 650 | Sl. No | Chainage | Length (m) |
| Sl. No.  | Section (Design Km)       | Design Length (km)   | PQC (mm)                | DLC (mm)  | Drainage layer (mm)                           | GSB (mm)                | Total Crust (mm)  |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| 1  | Mentioned at para 6 below | 0.250  | 300                     | 150   | 100   | 100                     | 650               |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| Sl. No   | Chainage                  | Length (m) in 4 lane   |                         |   |   |                         |                   |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| 1  | 157+200 to 157+500 BHS    | 300  |                         |   |   |                         |                   |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
|  | Total                     | 300m   |                         |   |   |                         |                   |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| Sl. No   | Section (Design Km)       | Design Length (m)  | PQC (mm)                | DLC (mm)  | Drainage layer (mm)                           | GSB (mm)                | Total Crust (mm)  |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| 1  | Mentioned at para 6 below | 150  | 300                     | 150   | 100   | 100                     | 650               |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |
| Sl. No   | Chainage                  | Length (m)   |                         |   |   |                         |                   |  |          |                  |      |  |   |                  |              |   |                         |                   |   |          |                      |      |   |     |  |       |      |  |        |                     |                   |          |          |                     |          |                  |   |                           |     |     |     |     |     |     |        |          |            |

*Signature*

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|     |  |  |  |                           |           |
|-----|--|--|--|---------------------------|-----------|
|     |  |  |  |                           | In 4 lane |
|     |  |  | 1  | 157+200 to 157+500<br>BHS | 300       |
|     |  |  |  | Total                     | 300m      |
| 9.  | Schedule-B<br>Para 2.8<br>Footnote                                 | The EPC Contractor shall modify the TCS according to the Pavement design mentioned in Clause 5.1.2& 5.1.3 of Schedule-B. In addition to that subsurface drainage system to be incorporated in this cross-section as per manual.  | The EPC Contractor shall modify the TCS according to the Pavement design mentioned in Para 5.1.1 of Schedule-B. In addition to that, subsurface drainage system to be incorporated in cross section as per manual  |                           |           |
| 10. | Schedule-D Para 2<br>Design<br>Standards                           | The Project Highway including Project Facilities shall conform to design requirements set out in the Manual of Specifications and Standards for Two-Laning of Highways (IRC: SP: 73-2013) referred to as the Manual, and MORTH Specifications for Road and Bridge Works 5th Revision 2013 or latest version. Where the specification for a work is not given, Good Industry Practice shall be adopted to the satisfaction of the Authority's Engineer. The Hill Road Manual IRC SP 48 -1998 and IRC:52-2019 should also be referred. | The Project Highway including Project Facilities shall conform to design requirements set out in the Manual of Specifications and Standards for Four-Laning of Highways - IRC: SP: 84-2019) referred to as the Manual, and MORTH Specifications for Road and Bridge Works 5th Revision 2013 or latest version. Where the specification for a work is not given, Good Industry Practice shall be adopted to the satisfaction of the Authority's Engineer. The manuals for Hill Road Manual IRC SP 48 -1998 & IRC: 52-2019 and Manual for Design of Rigid Pavements for Highways IRC: 58-1988 should also be referred. |                           |           |
| 11. | Schedule-D<br>Annexure-I Para 2<br>Specifications and<br>Standards | All Materials, works and construction operations shall conform to the Manual of Specifications and Standards for [Two-Laning of Highways (IRC:SP:73-2018)], referred to as the Manual, and MORTH Specifications for Road and Bridge Works. Where the specification for a work is not given, Good Industry Practice shall be adopted to the satisfaction of the Authority's Engineer.   | All Materials, works and construction operations shall conform to the Manual of Specifications and Standards for Four-Laning of Highways - IRC: SP: 84-2019) , referred to as the Manual, and MORTH Specifications for Road and Bridge Works latest version. Where the specification for a work is not given, Good Industry Practice shall be adopted to the satisfaction of the Authority's Engineer. The manuals for Hill Road Manual IRC SP 48 -1998 & IRC: 52-2019 and Manual for Design of Rigid Pavements for Highways IRC: 58-1988 should also be referred.   |                           |           |
| 12  | RFP<br>Section<br>5.1 (c)  | RCC Box Cell Viaduct (Cast in Situ): 400 m   | RCC Box Cell Viaduct (Cast in Situ)<br>(i) Cross-sectional area of proposed viaduct :<br>2 x ( 11 m x 5.6 m)<br>(ii) Length of viaduct to be constructed : 150 m   |                           |           |

2. Other clauses, terms and conditions remain unchanged.

Yours Sincerely

(Ashok Kumar Jha)  
General Manager (Tech)

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