

**Package C-2: Tender No. HORC/HRIDC/C-2/2022**

**REPLIES TO PRE-TENDER QUERIES, Part- 3: 01.08.2022**

C-2: Composite Contract Package in connection with laying of New BG Double Railway Line of HORC project for:  
(i) Design and Construction of Civil Works (Earthwork, Bridges, Station Buildings, Retaining Walls and other miscellaneous Works) from Km 55.60 to Km 61.50 and its connectivities to IR network from New Patli to Patli & New Patli to Sultanpur including modifications in Sultanpur station yard,  
(ii) Design, Supply, Installation, Testing & Commissioning of OHE (1x25 kV) and General Electrical services from Km 49.70 to Km 61.5 and its connectivities to IR network from New Patli to Patli & New Patli to Sultanpur including modifications in Sultanpur station yard and  
(iii) Design, Supply, Installation, Testing & Commissioning of Signalling & Telecommunication from Km 49.70 to Km 61.5 and its connectivities to IR network from Manesar to Patli and New Patli to Patli & New Patli to Sultanpur including modifications in Patli and Sultanpur station yards.

| <b>Query No.</b> | <b>Reference to Tender Document (Clause/ Para No. &amp; Page No.)</b> | <b>Brief Description of Clause /Para No.</b>   | <b>Query Raised</b>   | <b>Reply of HRIDC</b>   |
|------------------|---|--|---|---|
| 1.               | General<br>(Scope of works )  | Design and Construction of Civil Works (Earthwork, Bridges, Station Buildings, Retaining Walls and other miscellaneous Works) from Km 55.60 to Km 61.50 and its connectivities to IR network from New Patli to Patli & New Patli to Sultanpur including modifications in Sultanpur station yard. | The following Chainage for Connection Lines are given in L-Section (1) new Patli to patli (Ch =0.0 to 3636.0) (2) New Patli to Farukhnagar (cH =0.0 to 4120.0). However, we did not find the length of connection (Scope of works for these section) in the documents. Bidder understand that the scope of works for the above two (02) connection Lines are from CH=0.0 to 3636.0 and CH=0.0 to 4120.0 respectively. Please confirm. | Refer Sub-Clause 2.1.1, Section VII-2 Functional (Civil) in Attachment 1 of Corrigendum No. 5 |

| Query No. | Reference to Tender Document (Clause/ Para No. & Page No.)                               | Brief Description of Clause /Para No.   | Query Raised  | Reply of HRIDC  |
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| 2.        | Drawing No: GC-HRIDC-C2-DRG-BRD-GAD-136_A0   | In said drawing, at CH = 55724.752 a Major Bridge (ROR) of 1x76.2 M Open Web Girder (BR No-136) is shown. In L-section , same Major Bridge (ROR) is shown on CH = 55719.028.<br><br>Further, in tender document, RFP. Part-(PDF Page no-685), a Major Bridge of Span 24.4+76.2+24.4 is shown at CH = 55724.752 as Open Web Girder.  | Please confirm the chainage and Span Arrangement of Major Bridge (ROR). | Refer Annexure F-2, Section VII-2: Functional (Civil), Attachment 3 of Corrigendum No. 5 and Tender drawings in Section VII-11, Tender drawings and documents of Final Tender Documents, Corrigendum No. 6. |
| 3.        | Minor Bridges/RUB Drawing No: GC-HRIDC-C2-DRG-BRD-GAD-137_A0 to 146_A0, 149_A0 to 152_A0 | The Span details of following Minor Bridges/RUB are different in L-Section and Drawing/Documents for Main Line (CH = 55.0 to 65.0 KM) :-<br>1) BR No-137 (Span details in L-Section- 1x5x6, whereas in Drg & Document- 1x2x2)<br>2) BR No-138 (Span details in L-Section- 1x5x6, whereas in Drg & Document- 1x5x3)<br>3) BR No-139 (Span details in L-Section- 1x3x4, whereas in Drg & Document- 1x2x2) | Please confirm the Span details of mentioned Minor Bridges/RUB.         | Refer Annexure F-1, Section VII-2: Functional (Civil), Attachment 3 of Corrigendum No. 5 and Tender drawings in Section VII-11: Tender drawings and documents of Final Tender Documents, Corrigendum No. 6. |
| 4.        | Drawing No: GC-HRIDC-C2-DRG-BRD-GAD-NP-P-3_A0, P-4_A0, P-6_A0 & P-7_A0                   | The Span details of following Minor Bridges/RUB are different in L-Section and Drawing/Documents for section New Patli to Patli:-<br>1) BR No-3 (Span details in L-Section- 1x4x2.5, whereas in Drg & Document- 1x5x3)  | Please confirm the Span details of mentioned Minor Bridges/RUB.         | Refer Annexure F-1, of Section VII-2: Functional (Civil), Attachment 3 of Corrigendum No. 5 and Tender drawings in Section VII-11: Tender drawings and documents of Final                                   |

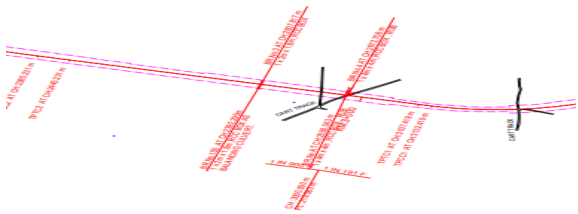
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|           |  | 2) 2) BR No-4 (Span details in L-Section- 1x2x1.8, whereas in Drg & Document- 1x2x2)<br>3) 3) BR No-6 (Span details in L-Section- 2x5x5, whereas in Drg & Document- 1x5x5)<br>4) 4) BR No-7 (Span details in L-Section- 1x2x1.8, whereas in Drg & Document- 1x2.5x3)   |   | Tender Documents, Corrigendum No. 6.   |
| 5.        | Drawing No: GC-HRIDC-C2-DRG-BRD-GAD-NP-F-1_A0 to F-4_A0    | The Span details of following Minor Bridges/RUB are different in L-Section and Drawing / Documents for section New Patli to Farukhnagar (Sultanpur)<br>1) BR No-1 (Span details in L-Section- 1x2x1.8, whereas in Drg & Document- 1x2x2)<br>2) 2) BR No-2 (Span details in L-Section- 1x4x2.5, whereas in Drg & Document- 1x5x3)<br>3) BR No-3 (Span details in L-Section- 1x2x1.8, whereas in Drg & Document- 1x2x2)<br>4) BR No-4 (Span details in L-Section- 1x4x4, whereas in Drg & Document- 1x5x4) | Please confirm the Span details of mentioned Minor Bridges/RUB. | Refer Annexure F-1, of Section VII-2: Functional (Civil), Attachment 3 of Corrigendum No. 5 and Tender drawings in Section VII-11: Tender drawings and documents of Final Tender Documents, Corrigendum No. 6. |

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| 6.        | Major RUB  | The following Major RUB is not shown in L-Section, whereas these are given in Drawing & tender documents:-<br>1) At Ch=1200, BR. No.-147(A) a Major RUB of 1x45.7 M OWG  | Bidder understand that this Major RUB is in the scope of work. Please Confirm.                    | Refer Annexure F-2, of Section VII-2: Functional (Civil), Attachment 3 of Corrigendum No. 5 and Tender drawings in Section VII-11, Tender drawings and documents of Final Tender Documents, Corrigendum No. 6. |
| 7.        | Drawing No: AA/2245/AL/DR/P&P, sheet 13 of 26 & 14 of 26   | <b>The following Minor Bridges (RCC Box) are shown in L-Section but nowhere mentioned in tender documents/ drawings (Section- Main Line) :-</b><br>1) BR No: 148, CH= 59587.143 (1x2x2) RCC Box<br>2) BR No: 153, CH = 61375.873 (1x3x4) RCC Box | Please confirm whether these 02 Minor Bridges are in Scope of works or not?                       | Refer Annexure F-1, of Section VII-2: Functional (Civil), Attachment 3 of Corrigendum No. 5 and Tender drawings in Section VII-11: Tender drawings and documents of Final Tender Documents, Corrigendum No. 6. |
| 8.        | Drawing No: AA/2245/AL/DR/P&P                              | The following Minor Bridges/RUB's (RCC Box) are shown in L-Section but nowhere mentioned in tender documents/ drawings (Section: New Patli to Patli):-   | Bidder understand that all 06 Nos Minor Bridges / RUB's are in the scope of work. Please Confirm. | Refer Annexure F-1, of Section VII-2: Functional (Civil), Attachment 3 of Corrigendum No. 5 and  |

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|           |   | 1) BR No: 1, CH= 320.51 (2x5x5)<br>RUB, RCC Box<br>2) BR No: 2, CH = 456.482<br>(1x2x1.8), Minor Bridge, RCC Box<br>3) BR No: 8, CH = 2835.304<br>4) BR No: 9, CH= 2969.169 (2x4x4),<br>RUB RCC Box<br>5) BR No: 10, CH= 3046.816<br>6) BR No: 11, CH= 3474.156 (1x5x5),<br>RUB RCC Box |   | Tender drawings in Section VII-11: Tender drawings and documents of Final Tender Documents, Corrigendum No. 6. |
| 9.        | Drawing No: GC-HRIDC-C2-DRG-BRD-GAD-137_A0 to 152_A0 & Others | The wing wall & a little portion of RCC Box is going outside of ROW as shown in Section Elevation at A-A in following structures (Main Line):-  | Whether the ROW shown in drawings will be extended or the structure length will be reduced? Please confirm. | Refer Tender drawings in Section VII-11: Tender Drawings and documents of Final Tender                         |

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|-----------|--|--|---|---|
|           |  | 1) BR. No. 137, length outside the ROW = 5.39 M<br>2) BR. No. 140, length outside the ROW = 4.94 M<br>3) BR. No. 142, length outside the ROW = 16.878M<br>4) BR. No. 144, length outside the ROW = 27.063 M<br>5) BR. No. 145, length outside the ROW = 27.869 M<br><br>6) BR. No. 146, length outside the ROW = 20.43 M<br>7) BR. No. 150, length outside the ROW = 9.67 M<br>8) BR. No. 152, length outside the ROW = 3.91 M |   | Documents, Corrigendum No.6.  |
| 10.       | Drawing No: GC-HRIDC-C2-DRG-BRD-GAD-138_A0, 139_A0& 149_A0 | The wing wall / Return wall is going outside of ROW as shown in section elevation A-A in drawings for following structure (Main Line):-<br>1) BR. No. 138, wing wall outside the ROW = 14.09 M<br>2) 2) BR. No. 139, wing wall outside the ROW = 4.54 M<br>3) 3) BR. No. 149, Return wall outside the ROW = 4.632 M  | Whether the ROW shown in drawing will be extended or the formation width will be reduced? Please confirm.   | Refer Tender drawings in Section VII-11: Tender Drawings and documents of Final Tender Documents, Corrigendum No.6. |
| 11.       | Drawing No: GC-HRIDC-C2-DRG-BRD-GAD-141_A0 & 143_A0        | The Return wall & a little portion of RCC Box is going outside of ROW as shown in Section Elevation at A-A in following structures (Main Line):-   | Whether the ROW shown in drawings will be extended or the structure length will be reduced? Please confirm. | Refer Tender drawings in Section VII-11: Tender Drawings and documents of Final Tender                              |

| Query No. | Reference to Tender Document (Clause/ Para No. & Page No.) | Brief Description of Clause /Para No.   | Query Raised  | Reply of HRIDC  |                              |            |               |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
|-----------|--|---|---|---|------------------------------|------------|---------------|--|--|-------|---------|-----------|------------------|----------------|------------------------------|------------|---------------|----|------|-----------|---------------------|--|-----------------|---|---|------|-----------|-----------------|---|---|------|-----------|-----------------|---|---|------|-----------|-----------------|---|---|--|---|
|           |  |   |   | Documents, Corrigendum No.6.  |                              |            |               |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
| 12.       | Drawing No: GC-HRIDC-C2-DRG-BRD-GAD-NP-P-3_A0 & NP-F-1_A0  | The wing wall & a little portion of RCC Box is going outside of ROW as shown in Section Elevation at A-A in following structures (Connecting lines):-<br>1) BR. No. 3, length outside the ROW = 7.23 M<br>2) BR. No. 1, length outside the ROW = 18.969 M   | Whether the ROW shown in drawings will be extended or the structure length will be reduced? Please confirm. | Refer Tender drawings in Section VII-11: Tender Drawings and documents of Final Tender Documents, Corrigendum No.6. |                              |            |               |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
| 13.       | General  |   | Please provide the coordinates of all the bridges.  | Please Refer List of Bridge Coordinates, Section VII-11: Tender Drawings and Document of Corrigendum No. 6.         |                              |            |               |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
| 14.       | RFP Part-2 clause No. 2.2 (b) page No. 29.36 of 1510       | <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="7">MAIN LINE</th> </tr> <tr> <th>S.No.</th> <th>Br. No.</th> <th>*Chainage</th> <th>Type of Crossing</th> <th>Type of Bridge</th> <th>SPAN No. x L(in m) xH (in m)</th> <th>Skew (V/N)</th> <th>No. of Tracks</th> </tr> </thead> <tbody> <tr> <td rowspan="4">13</td> <td>151A</td> <td>60454.484</td> <td rowspan="4">Road Crossing (RUB)</td> <td rowspan="4">RCC Box with piers instead of central wall</td> <td>(5.5+8+5.5)X5.5</td> <td>Y</td> <td>2</td> </tr> <tr> <td>151B</td> <td>60566.384</td> <td>(5.5+8+5.5)X5.5</td> <td>Y</td> <td>2</td> </tr> <tr> <td>151C</td> <td>60642.158</td> <td>(5.5+8+5.5)X5.5</td> <td>Y</td> <td>2</td> </tr> <tr> <td>1518</td> <td>60760.328</td> <td>(5.5+8+5.5)X5.5</td> <td>Y</td> <td>2</td> </tr> </tbody> </table> | MAIN LINE   |   |                              |            |               |  |  | S.No. | Br. No. | *Chainage | Type of Crossing | Type of Bridge | SPAN No. x L(in m) xH (in m) | Skew (V/N) | No. of Tracks | 13 | 151A | 60454.484 | Road Crossing (RUB) | RCC Box with piers instead of central wall | (5.5+8+5.5)X5.5 | Y | 2 | 151B | 60566.384 | (5.5+8+5.5)X5.5 | Y | 2 | 151C | 60642.158 | (5.5+8+5.5)X5.5 | Y | 2 | 1518 | 60760.328 | (5.5+8+5.5)X5.5 | Y | 2 | In Drawing No: AA/2245/AL/DR/P&P (PLAN & LONGITUDINAL SECTION 60.0 km-65.0 km) these structures are denoted as Bridge No:151 and shown span details as 8x30.5 OWG RUB, So employer is requested to confirm which one is correct and should follow. | Refer Annexure F-2, of Section VII-2: Functional (Civil), Attachment 3 of Corrigendum No. 5 and Tender drawings in Section VII-11:Tender drawings and documents, Corrigendum No. 6. |
| MAIN LINE |  |   |   |   |                              |            |               |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
| S.No.     | Br. No.  | *Chainage   | Type of Crossing  | Type of Bridge  | SPAN No. x L(in m) xH (in m) | Skew (V/N) | No. of Tracks |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
| 13        | 151A   | 60454.484   | Road Crossing (RUB)   | RCC Box with piers instead of central wall  | (5.5+8+5.5)X5.5              | Y          | 2             |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
|           | 151B   | 60566.384   |   |   | (5.5+8+5.5)X5.5              | Y          | 2             |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
|           | 151C   | 60642.158   |   |   | (5.5+8+5.5)X5.5              | Y          | 2             |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |
|           | 1518   | 60760.328   |   |   | (5.5+8+5.5)X5.5              | Y          | 2             |  |  |       |         |           |                  |                |                              |            |               |    |      |           |                     |  |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |      |           |                 |   |   |  |   |

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| 15.       | RFP Part-2 Clause No. Section VII-12 page No. 683 of 1510  | AA/Rly/2245/HRIDC/PLAN&LS/Rev - New- Patli to Patli Connectivity<br>AA/Rly/2245/HRIDC/PLAN&LS/Rev - New- Patli to Farukhnagar (Sultanpur) Connectivity                   | Employer is requested to clarify Start Chainage and End chainage of two stretches mentioned as many structures in these stretches not considered in documents.<br>New- Patli to Patli Connectivity: BR No:1,2,8,9,10,11 are missing in Scope documents | Refer Sub-Clause 2.1.1, Section VII-2 Functional (Civil) in Attachment 1 of Corrigendum No. 5 and Tender drawings in Section VII-11: Tender drawings and documents, Corrigendum No. 6. |
| 16.       | RFP Part-2 Clause No. Section VII-12 Page No. 683 of 1510  | AA/Rly/2245/HRIDC/PLAN&LS/Rev - New- Patli to Farukhnagar (Sultanpur) Connectivity<br> | Here in attached drawing different chainage and structure details mentioned for single structure only, So kindly clarify which one is correct and should consider.   | Refer Tender drawings in Section VII-11: Tender drawings and documents of Corrigendum No. 6.   |