

Subject: Engineering, Procurement and Construction (EPC) Contract for Renovation and Modernization of Existing Navigational Lock at Farakka, West Bengal

Reference: IN-IWAI-350002-CW-RFB

CPP Portal Tender no: 2023_JMVP_752273_1

Amendment – 11

Amendment for technical clarifications.

| S. No. | Bid document Section, Clause | As per Bidding Documents | Modified/Clarified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---------------------------------------|---|--|------------------|--|--|-----------|------------------|----------|--|-------------------|---------|-----------|-------------------|---------|--|------------------|---------|---------------------|--|--|-----------|------------------|---------|--|-------------------|---------|-----------|-------------------|---------|--|------------------|---------|-----------------------|--|--|-----------|------------------|---------|-----------|------------------|---------|
| 1 | Volume - 2 Clause no 2.3.4 Page No 80 | <p>Clause no 2.3.4 All the gates should be designed for the differential water head considering maximum water level i.e., 26.3 m on one side and other side considering empty.</p> | <p>The clause no 2.3.4 may be read as: All the gates should be designed for the differential water head as given below:</p> <table border="1" data-bbox="1160 767 2011 1235"> <thead> <tr> <th colspan="3" data-bbox="1160 767 2011 802">Static Condition</th> </tr> </thead> <tbody> <tr> <td data-bbox="1160 807 1323 842">U/S Gates</td> <td data-bbox="1330 807 1765 842">U/S Water Column</td> <td data-bbox="1771 807 2011 842">10.755 m</td> </tr> <tr> <td></td> <td data-bbox="1330 842 1765 877">Lock Water Column</td> <td data-bbox="1771 842 2011 877">2.743 m</td> </tr> <tr> <td data-bbox="1160 877 1323 912">D/S Gates</td> <td data-bbox="1330 877 1765 912">Lock Water Column</td> <td data-bbox="1771 877 2011 912">8.835 m</td> </tr> <tr> <td></td> <td data-bbox="1330 912 1765 948">D/S Water Column</td> <td data-bbox="1771 912 2011 948">2.743 m</td> </tr> <tr> <th colspan="3" data-bbox="1160 948 2011 983">Operating Condition</th> </tr> <tr> <td data-bbox="1160 987 1323 1023">U/S Gates</td> <td data-bbox="1330 987 1765 1023">U/S Water Column</td> <td data-bbox="1771 987 2011 1023">8.835 m</td> </tr> <tr> <td></td> <td data-bbox="1330 1023 1765 1058">Lock Water Column</td> <td data-bbox="1771 1023 2011 1058">2.743 m</td> </tr> <tr> <td data-bbox="1160 1058 1323 1093">D/S Gates</td> <td data-bbox="1330 1058 1765 1093">Lock Water Column</td> <td data-bbox="1771 1058 2011 1093">8.835 m</td> </tr> <tr> <td></td> <td data-bbox="1330 1093 1765 1128">D/S Water Column</td> <td data-bbox="1771 1093 2011 1128">2.743 m</td> </tr> <tr> <th colspan="3" data-bbox="1160 1128 2011 1163">Maintenance Condition</th> </tr> <tr> <td data-bbox="1160 1168 1323 1203">U/S Gates</td> <td data-bbox="1330 1168 1765 1203">U/S Water Column</td> <td data-bbox="1771 1168 2011 1203">7.025 m</td> </tr> <tr> <td data-bbox="1160 1203 1323 1238">D/S Gates</td> <td data-bbox="1330 1203 1765 1238">D/S Water Column</td> <td data-bbox="1771 1203 2011 1238">5.955 m</td> </tr> </tbody> </table> | Static Condition | | | U/S Gates | U/S Water Column | 10.755 m | | Lock Water Column | 2.743 m | D/S Gates | Lock Water Column | 8.835 m | | D/S Water Column | 2.743 m | Operating Condition | | | U/S Gates | U/S Water Column | 8.835 m | | Lock Water Column | 2.743 m | D/S Gates | Lock Water Column | 8.835 m | | D/S Water Column | 2.743 m | Maintenance Condition | | | U/S Gates | U/S Water Column | 7.025 m | D/S Gates | D/S Water Column | 5.955 m |
| Static Condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U/S Gates | U/S Water Column | 10.755 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Lock Water Column | 2.743 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D/S Gates | Lock Water Column | 8.835 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | D/S Water Column | 2.743 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating Condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U/S Gates | U/S Water Column | 8.835 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Lock Water Column | 2.743 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D/S Gates | Lock Water Column | 8.835 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | D/S Water Column | 2.743 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U/S Gates | U/S Water Column | 7.025 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D/S Gates | D/S Water Column | 5.955 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 2 | Volume - 2 Clause no 2.3.9 Page No 82 | Clause no 2.3.9 Downstream lock approach channel has water depth of 5.28m. There is no tide effect in the approach channel. Gate shall be designed to be floated in and out of the lock entrance. The gate shall float with sufficient stability at light ship draft such that it can be safely maneuverer in and out of the entrance. The gate shall also remain stable during sinking and raising operations. | <i>The clause no 2.3.9 may be read as</i> There is no tide effect in the approach channel. Gate shall be designed to be floated in and out of the lock entrance. The gate shall float with sufficient stability at light ship draft such that it can be safely maneuverer in and out of the entrance. The gate shall also remain stable during sinking and raising operations. |
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