



NATIONAL HIGH SPEED RAIL CORPORATION LIMITED (NHSRCL)
(A Joint Sector Company of Govt. of India and Participating State Government)
2nd Floor, Asia Bhawan, Road No.205, Sector-9, Dwarka, New Delhi-110077, India

Addendum No. 07

Country: INDIA

Name of Work: *Design and Construction of Civil and Buildings Works including Testing and Commissioning on Design-Build Lump Sum Price basis for Double Line High Speed Railway for Mumbai Underground Station, Cut & Cover Tunnel and Shaft -1 from MAHSR Km. -0.255 to Km. 0.775 at Bandra-Kurla Complex in the State of Maharashtra for the Project for Construction of Mumbai-Ahmedabad High Speed Rail*

Date: 04.09.2020

Loan Agreement No.: ID-P277 & ID-P279

IFB Number: Package No. MAHSR-C-1

Following are to be considered:

Item No.	Refer Para No.	Original/As Existing	Revised
1.	Part 1, Section IV, 2.7 Price Schedule, Schedule No.10, Row no. 5, Column no. 1, Page 38 of 101	Schedule No. 5 – Civil Works for Cut & Cover Tunnel (Between Ch: 0km239m 669 to 0km489m 669)	Schedule 5: Civil Works for Cut & Cover Tunnel (Between Ch: 0km489m669 to 0km706m669)



Item No.	Refer Para No.	Original/As Existing	Revised				
2.	Part 1, Section IV, Bidding Forms, Form FIR-2, Column 6, Page 72 of 101	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Average Monthly Invoicing Over Last Six Months [INR/Month]</td> </tr> </table>	Average Monthly Invoicing Over Last Six Months [INR/Month]	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Average Monthly Invoicing Over Last Six Months <i>excluding the period from 01st April 2020 to 30th September 2020</i> [INR/Month]</td> </tr> </table>	Average Monthly Invoicing Over Last Six Months <i>excluding the period from 01st April 2020 to 30th September 2020</i> [INR/Month]		
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3.	Part 1, Section IV, Bidding Forms, Annexure to Form FIR-2, Column 6, Page 74 of 101	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Avg. Monthly Invoicing Over Last Six Months (In Million INR/Month)</td> </tr> <tr> <td>6</td> </tr> </table>	Avg. Monthly Invoicing Over Last Six Months (In Million INR/Month)	6	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Avg. Monthly Invoicing Over Last Six Months <i>excluding the period from 01st April 2020 to 30th September 2020</i> (In Million INR/Month)</td> </tr> <tr> <td>6</td> </tr> </table>	Avg. Monthly Invoicing Over Last Six Months <i>excluding the period from 01st April 2020 to 30th September 2020</i> (In Million INR/Month)	6
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4.	Addendum No. 05, Item 20, Attachment-4, Sub-Clause 6.2.5, Page 2 of 7 Part 2, Section VI-3, Division 02000, Clause 6	The following requirements are applicable to all underground structures where fully bonded PVC membranes, liquid polymer membrane with solvent free hybrid polyurea polyurethane/ polyurea/ polyurethane and crystallization based treatment have been specified:	The following requirements are applicable to all underground structures where PVC membrane <i>system</i> , liquid polymer membrane with solvent free hybrid polyurea polyurethane/ polyurea/ polyurethane and crystallization based treatment have been specified:				
5.	Addendum No. 05, Item 20, Attachment-4, Sub-Clause 6.2.6, Page 3 of 7 Part 2, Section VI-3, Division 02000, Clause 6	Fully Bonded PVC membrane below Base Slab and behind Confined Retaining Walls: a) System and properties of materials: (i) Minimum 2.00 mm thick fully bonded PVC membrane, with hot air welded overlaps of minimum 100mm with a weld size of min 75mm; conforming to basement waterproofing protection to Grade 3 as per BIS 16471. b) The above waterproofing membrane shall have minimum requirement of properties as specified below: (iii) Peel Adhesion to concrete of 880 N/m as per ASTM D 903.	PVC membrane <i>system</i> below Base Slab and behind Confined Retaining Walls: a) System and properties of materials: (i) Minimum 2.00 mm thick PVC membrane, with hot air welded overlaps of minimum 100mm with a weld size of min 75mm; conforming to basement waterproofing protection to Grade 3 as per BIS 16471. b) The above waterproofing membrane shall have minimum requirement of properties as specified below: (iii) <Not used>				



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		(vi) UV Exposure limit - 45 days pass. Minimum adhesion to concrete after 45 days UV exposure shall be 800N/m as per ASTM D 903	(vi) <Not used> (vii) Any other materials required for the PVC membrane system shall be as specified by the manufacturer and approved by the Engineer.
6.	Addendum No. 05, Item 4, Attachment-1, SD-JIC-C14-DRW- S01-CCT-NTU- 44010003 Part 2, Section VI-4, Drawings	fully bonded PVC membrane	The phrase “fully bonded PVC membrane” shall be read as “PVC membrane”