

Package Title : Construction of Tunneling Works including Testing and Commissioning for Double Line High Speed Railway using Tunnel Boring Machine (TBM) and New Austrian Tunneling Method (NATM) between Mumbai Underground Station at Bandra-Kurla Complex (MAHSR Km. 0.773) and Shilphata (MAHSR Km. 21.150) in the State of Maharashtra for the Project for Construction of Mumbai-Ahmedabad High Speed Rail.

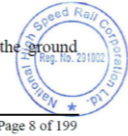
Package No : MAHSR-C-2

Date: 09 - Sep - 2019

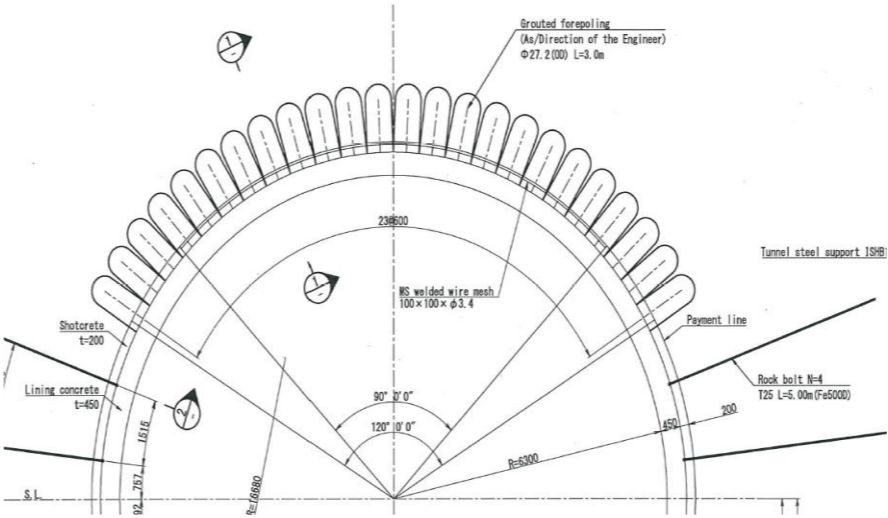
**Response to Bid Queries – 4**

Sl. No	Document	Page no / Clause No.	Provisions as Per-Bidding Documents/Subject/Title/Item as mentioned by the Bidder	Bidder Query	Employer's Reply						
1	Part 2 Section VI-1 General Specifications Division 04000 Works Administration	Page 95 of 100	Appendix 04000-1 Schedule of Interface, Coordination and Cooperation with Other Parties Chapter 3 Interface Table for Design, Supply and Installation Items Table 4, Item No. 3	<p>It is stipulated that “Table 4: Interface Table between C-2 and C-3 and P-1(A)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 30%;">Handing over of part working area between 3 km21m150 and NH-4 to C-3 and P- 1(A) for construction of foundation and substructure of viaduct</td> <td style="width: 10%;">C-3, P-1(A),</td> <td style="width: 10%;">-</td> <td style="width: 10%;">C-2</td> <td style="width: 10%;">C-3 , P-1(A),</td> <td style="width: 30%;">C-2 shall hand over part areas to C-3, P-1(A) as agreed between them for construction of foundation and substructure of viaduct before item No.1 .</td> </tr> </table> <p>” Please provide the area requirement and location of foundation. We believe that such design information will be issued as Addendum of the Bidding Documents soon.</p>	Handing over of part working area between 3 km21m150 and NH-4 to C-3 and P- 1(A) for construction of foundation and substructure of viaduct	C-3, P-1(A),	-	C-2	C-3 , P-1(A),	C-2 shall hand over part areas to C-3, P-1(A) as agreed between them for construction of foundation and substructure of viaduct before item No.1 .	Refer Addendum No. 6 Item No. 1.
Handing over of part working area between 3 km21m150 and NH-4 to C-3 and P- 1(A) for construction of foundation and substructure of viaduct	C-3, P-1(A),	-	C-2	C-3 , P-1(A),	C-2 shall hand over part areas to C-3, P-1(A) as agreed between them for construction of foundation and substructure of viaduct before item No.1 .						
2	Part 2 Section VI-3, 2. TBM Drawings, No. TD-JIC-IC1-TDC-B01-UST-NTU-10500000 to 10530000	Page 55 to 58 of 182	General Arrangement for Equipment Room (1) to (4) “Request for details of Equipment Room segments”	<p>i) There are no drawings showing the connection detail for the joint between the equipment room steel segment and the main tunnel segments. Please provide such details</p> <p>ii) There are no drawings showing the structure details of the end wall for equipment rooms, but the drawings imply that they should be by steel segments. Please provide such details.</p> <p>iii) There are no steel segment drawings for main tunnel at (Type B), (TDS) and (Type A&amp;B). Please provide them.</p>	<p>i) Refer Addendum No. 6 Item No. 1.</p> <p>ii) &amp; iii) Refer Addendum No. 2 Item No. 1.</p>						
3	Part 1 Section IV Bidding Forms 2.7 Work Items  Bills of Quantities  Miscellaneous Schedule of Dayworks and Provisional Sums	Pages 90 to 97 of 159  Pages 18 to 89 of 159	Revised BOQ	<p>We refer to Addendum Nos. 2 and 3 which were issued on 10 July 2019 and 29 July 2019 respectively.</p> <p>A total of 1226 drawings were either revised or issued new as follows:</p> <ol style="list-style-type: none"> <li>1. REVISED drawings – 177 (from 139 + 38)</li> <li>2. NEW drawings – 1049 (from 1048 + 1)</li> </ol> <p>In view of the above drawings which may have impacted the previous BOQ, please issue us the latest revised BOQ for our pricing soonest possible.</p>	Refer Addendum No.4 Item No. 1						

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4	<p>Addendum No. 3, Items 72 &amp; 75</p> <p>Item 72 Part 2 Section VI-1. Division 01000, Sub-Division 01020,</p> <p>Item 75 Part 2 Section VI-2.</p>	<p>Clause 7, Item (e) Design of support of utilities above and below MIDC road Page 10 of 11</p> <p>Sub-Clause 2.5 Design of support of utilities above and below MIDC road Page 8 of 199</p>	<p>Design of support of utilities above and below MIDC road to be paid under Provisional Sum</p>	<p>We refer to Items 72 and 75 of Addendum No. 3 issued on 29 July 2019.</p> <ol style="list-style-type: none"> <li>In Item 72, revised Clause 7(e) stipulates “<b>Design of support of utilities above and below MIDC road</b> near main tunnel portal including temporary road diversion and steel decking.”</li> <li>In Item 75, revised Sub-Clause 2.5 reads as  “<b>Design of support of utilities above and below MIDC road near Main Tunnel Portal including temporary road diversion and steel decking</b>” and stipulates  “The Contractor is required to <b>design complete scheme of support of utilities at MIDC road</b> including steel decking and road diversion to enable safe construction of tunnel below the MIDC road. The Contractor shall carry out geotechnical investigation required for the purpose. Complete design of the scheme shall be provided by the contractor. Data required for design of the scheme shall be collected by the Contractor from the relevant utility authorities/ road authorities. The design shall conform to specifications as decided by the utility owners.”</li> </ol> <p>Please confirm our understanding that the design works as specified in Items 72 and 75 above shall be borne under Bill No. 5 (Specified Provisional Sums) and paid to the Contractor accordingly.</p>	<p>Bidder’s understanding is correct.</p>

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5	Addendum No. 3, Item 73  Part 2 Section VI-2.	Clauses 2.6 & 2.7  Page 8 of 199	<p>Missing existing Clause 2.6</p> <p>2.5. Design of all other temporary works</p> <p>The Contractor is required to design all other temporary works like dewatering, ventilation, lighting etc wherever required as directed by the Engineer. The design shall be based on standards given in these specifications or on good industrial practice.</p> <p>3. Technical Specifications for Tunnelling – General</p> <p>3.1. Definitions</p> <p>(i) Ground Conditions</p> <p>The topographical, geological and hydrological conditions of the ground</p>  <p>Page 8 of 199</p>	<p>We refer to Item 73 of Addendum No. 3 issued on 29 July 2019.</p> <p>1. Item 73 states</p> <p>“&lt;Add the following Sub-Clause 2.7 after the existing Sub-Clause 2.6&gt;</p> <p>“Design submission under Sub-Clause 2.1 and 2.5 shall include a compliant Design Certificate (Form-DC) and a Third Party Verifier Certificate (Form 3PVC), thereby demonstrating that the designer and the Third Party Verifier have fully checked the design as being compliant with all Quality Assurance (QA) procedures and fully compliant with the requirement of the Contract.</p> <p>The Third Party Verifier shall be a reputable consultancy firm or an institute of repute and accepted by the Engineer.</p> <p>The Form DC and Form 3PVC shall be as specified in Appendix-5.”</p> <p>We could not locate the said existing Sub-Clause 2.6 in the original tender documents. Please provide the information to us soonest possible.</p>	Refer Addendum No.3 Item No. 75 for Sub-Clause 2.6
6	Response to Bid Queries - 1, Item 6  Part 2 Section VI-1 General Specifications Division 04000 Works Administration		<p>Outstanding Addendum on</p> <p>“Appendix 04000-1 Schedule of Interface, Coordination and Cooperation with Other Parties Chapter 3 Interface Table for Design, Supply and Installation Items”</p>	<p>Our original query in Clarification No. 3 (Item 6) dated 27 May 2019 was</p> <p><i>“It is stipulated that “Table 4: Interface Table between C-2 and C-3 and P-1(A). Please provide the area requirement and location of foundation. We believe that such design information will be issued as Addendum of the Bidding Documents soon.”</i></p> <p>The Employer’s Reply in Response to Bid Queries – 1, Item 6, dated 29 July 2019 is</p> <p>“Necessary correction will be issued in subsequent Addendum.</p> <p>Please issue addendum to us soonest possible so that we can finalize our pricing.</p>	Refer Addendum No.6 Item No. 1.
7	Response to Bid Queries - 1, Item 200  Part 1 Section IV Bidding Forms Bill of Quantities Item 407		<p>Outstanding Addendum on</p> <p>“Rebar Corrosion Monitoring System at NATM Tunnel”</p>	<p>Our original query in Clarification No. 4 (Item 4) dated 04 June 2019 was</p> <p><i>“The rebar corrosion monitoring system at the TBM Tunnel is paid under Bill No. 407 which stipulates “Supplying and installing reinforcement steel bar corrosion monitoring system (Anode ladder type) in RC segments and providing 3 Nos. (Total) hand measuring instruments in accordance with the Specification and the Drawings” and the Quantity is 15 nos. as per Drawing 00340000.</i></p> <p><i>However, there is no Bill No. for the similar rebar corrosion monitoring system at the NATM Tunnel and whose quantity is 1 No. as per Drawing 00340000.</i></p>	Refer Addendum No.4 Item No. 1

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	& Part 2 Section VI-3 Drawings 5. COMMON, TD-JIC-IC1- TDC-B01-UST-NTU-00340000 and 00390000			<p><i>Please confirm where to price for this item at the NATM Tunnel.</i></p> <p>The Employer's Reply in Response to Bid Queries – 1, Item 200, dated 29 July 2019 is</p> <p>“This will be issued in an Addendum.”</p> <p>Please issue addendum to us soonest possible so that we can finalize our pricing.</p>	
8	<p>Response to Bid Queries - 1, Item 201</p> <p>Section IV Bidding Forms</p> <p>Bills of Quantity Items 307, 324, 506 (b), and 513 (b)</p> <p>Section VI-4 Reference Information</p> <p>Att. 08 Information Drawings_20190409</p>		<p>Outstanding Addendum on</p> <p>“Undersea Tunnel “List of Information Drawings – Main Tunnel (NATM)” dwg No. TD-JIC-IC1-TDC-B01-UST-NTU-41140000”</p>	<p>Our original query in Clarification No. 4 (Item 5) dated 04 June 2019 was</p> <p><i>“Under the Bills of Quantity, it is stipulated that “Excavation/removal of unsuitable material (below subgrade) and filling by M-20 grade concrete in accordance with the Specification and the Drawings subject to the approval of the Engineer.”</i></p> <p><i>While the Bills of Quantity explains that excavation/removal of unsuitable material (below subgrade) shall follow the Specifications and drawings, we cannot find any relevant specifications and/or drawings with the exception of the drawing referred herein titled “Replacement of Unsuitable Material”.</i></p> <p><i>We would like to query the followings;</i></p> <p><i>1. The drawing is located in Section VI-4, which is basically provided “for reference purpose only”.</i></p> <p><i>Please confirm the intention of this drawing.</i></p> <p><i>2. The referred drawing states “Replacement of unsuitable material by M10 grade concrete”. The backfill material is different from M-20 as stipulated in various parts of the Bills of Quantity.</i></p> <p><i>Please clarify which grade of concrete shall apply.</i></p> <p><i>3. The drawing does not show the depth of replacement by M10, but from the scale, the quantity seems to be very different from the pertinent Bill of Quantity Item 506(b) which shows 200 cubic metres.</i></p> <p><i>Please clarify.”</i></p> <p>The Employer's Reply in Response to Bid Queries – 1, Item 201, dated 29 July 2019 is</p> <p>“This will be issued in an Addendum.”</p> <p>Please issue addendum to us soonest possible so that we can finalize our pricing.</p>	Refer Addendum No.4 Item No. 1

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9	<p>Outstanding Clarification No. 6 (Item 4)</p> <p>Part 1 Section IV Bidding Forms Bills of Quantities</p>	<p><b>Bill No. 502 (d) (ii)</b></p> <p>Page 73 of 159</p>	<p><b>Method of Measurement for Payment</b></p> <p><b>Excavation at NATM MAIN Tunnel</b></p> <p><i>Request for missing drawings</i></p>	<p>Our original query in Clarification No. 6 (Item 4) dated 20 June 2019 was</p> <p><i>“The details and location of grouted fore poling <math>\phi</math> 27.2 x 4.0m long are not shown on the tender drawings. (Refer to part print of <math>\phi</math> 27.2 x 3.0m below)</i></p>  <p><i>Please provide the missing drawings accordingly.”</i></p> <p>We have not received any response yet from the Employer.</p> <p>Please issue us the missing drawing soonest possible so that we can finalize the pricing.</p>	<p>Item 502 (d) (ii) has been deleted.</p> <p>Refer Addendum No.4 Item No. 1</p>
10	<p>Part 2 Section V1-3 Drawings from Addendum #2</p> <p>A- GENERAL DRAWINGS</p> <p><b>TD-JIC-IC1-TDC-B01-UST-NTU-00030001 (Revised)</b></p> <p>And</p> <p>B- TBM DRAWINGS</p>	<p>Page 02/8</p> <p>Pages 23/164, 09/137, 120/137 &amp; 99/200</p>	<p>Discrepancy of Equipment Room Location</p>	<p>Bidder understands that Locations of Equipment Room are subject to the view from TBM execution direction shown on the Drawing Nos. <b>TD-JIC-IC1-TDC-B01-UST-NTU-10320001 (Revised), 14072000 (New), 14183000 (New) &amp; 14299000 (New)</b> as follows:</p> <ol style="list-style-type: none"> <li>1) Type A1 and B1 are left side from TBM side</li> <li>2) Type A2 and B2 are right side from TBM side</li> </ol> <p>But compared to the Schematic Diagram of Equipment Rooms Drawing No. <b>RD-JIC-IC1-TDC-B01-UST-NTU-00030001 (Revised)</b>, there is discrepancy about the location of equipment room as shown on below sketch highlighted with <b>Red Color</b>.</p> <p>For TBM1 &amp; TBM3, Up line is on left side and Down line is on right side, therefore Type A1 and B1 are at the correct location.</p> <p>For TBM2, Up line is on right side and Down line is on left side, therefore Type A2 and B2 are at the correct location.</p> <p>Kindly please clarify.</p>	<p>The locations of Equipment Rooms shown in Drawing No. <b>RD-JIC-IC1-TDC-B01-UST-NTU-00030001 (Revised)</b> are correct.</p> <p>Drawing Nos. <b>TD-JIC-IC1-TDC-B01-UST-NTU-10320001 (Revised), 14072000 (New), 14183000 (New) &amp; 14299000 (New)</b> are the detailed Drawings for segments.</p>

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	<b>TD-JIC-IC1-TDC-B01-UST-NTU-10320001 (Revised)</b> <b>14072000 (New)</b> <b>14183000 (New)</b> <b>14299000 (New)</b>			<p style="text-align: center;"><b>EQUIPMENT ROOMS CHAINAGES AND COORDINATES</b></p> <table border="1"> <thead> <tr> <th rowspan="2">S.NO</th> <th rowspan="2">CHAINAGE (Km)</th> <th rowspan="2">DOWN LINE</th> <th rowspan="2">UP LINE</th> <th colspan="2">COORDINATE</th> <th rowspan="2">Remarks</th> <th rowspan="2">Segment Type</th> </tr> <tr> <th>EASTING</th> <th>NORTHING</th> </tr> </thead> <tbody> <tr><td>TBM1</td><td>1</td><td></td><td>A2</td><td>276709.473</td><td>2110549.453</td><td></td><td>ST-6</td></tr> <tr><td></td><td>2</td><td>B2</td><td>A2</td><td>276709.473</td><td>2110549.453</td><td></td><td>ST-2</td></tr> <tr><td></td><td>3</td><td></td><td>A2</td><td>277580.873</td><td>2111038.073</td><td></td><td>ST-2</td></tr> <tr><td></td><td>4</td><td></td><td>A2</td><td>278519.983</td><td>2111378.314</td><td></td><td>ST-1</td></tr> <tr><td></td><td>5</td><td></td><td>A1</td><td>279487.640</td><td>2111630.577</td><td></td><td>ST-1</td></tr> <tr><td></td><td>6</td><td></td><td>A1</td><td>280455.455</td><td>2111882.237</td><td></td><td>ST-1</td></tr> <tr><td></td><td>7</td><td></td><td>B1</td><td>280870.648</td><td>2111990.199</td><td></td><td>ST-3</td></tr> <tr><td></td><td>8</td><td></td><td>A1</td><td>281287.777</td><td>2112098.665</td><td></td><td>ST-1</td></tr> <tr><td>TBM2</td><td>9</td><td>B1</td><td></td><td>281540.377</td><td>2112164.348</td><td></td><td>ST-3</td></tr> <tr><td></td><td>10</td><td>A1</td><td></td><td>282013.638</td><td>2112287.410</td><td></td><td>ST-1</td></tr> <tr><td></td><td>11</td><td>B1</td><td></td><td>282487.868</td><td>2112410.724</td><td></td><td>ST-3</td></tr> <tr><td></td><td>12</td><td></td><td>A1</td><td>282971.776</td><td>2112536.554</td><td></td><td>ST-1</td></tr> <tr><td></td><td>13</td><td></td><td>B1</td><td>283939.592</td><td>2112788.214</td><td></td><td>ST-3</td></tr> <tr><td></td><td>14</td><td></td><td>A1</td><td>283939.592</td><td>2112788.214</td><td></td><td>ST-1</td></tr> <tr><td></td><td>15</td><td></td><td>B1</td><td>284422.532</td><td>2112913.793</td><td></td><td>ST-3</td></tr> <tr><td></td><td>16</td><td></td><td>A2</td><td>284907.407</td><td>2113039.875</td><td></td><td>ST-2</td></tr> <tr><td></td><td>17</td><td></td><td>B1</td><td>285390.347</td><td>2113165.453</td><td></td><td>ST-3</td></tr> <tr><td></td><td>18</td><td></td><td>A2</td><td>285873.287</td><td>2113291.032</td><td></td><td>ST-2</td></tr> <tr><td></td><td>19</td><td></td><td>B2</td><td>286358.163</td><td>2113417.114</td><td></td><td>ST-4</td></tr> <tr><td>TBM3</td><td>20</td><td></td><td>A2</td><td>286841.103</td><td>2113542.692</td><td></td><td>ST-2</td></tr> <tr><td></td><td>21</td><td></td><td>B2</td><td>287324.043</td><td>2113668.271</td><td></td><td>ST-4</td></tr> <tr><td></td><td>22</td><td></td><td>A2</td><td>287806.983</td><td>2113793.850</td><td></td><td>ST-2</td></tr> <tr><td></td><td>23</td><td></td><td>A2</td><td>288159.267</td><td>2113885.454</td><td></td><td>ST-5</td></tr> <tr><td></td><td>24</td><td>A2</td><td></td><td>288159.267</td><td>2113885.454</td><td></td><td>ST-5</td></tr> <tr><td></td><td>25</td><td></td><td>B2</td><td>288293.793</td><td>2113920.434</td><td></td><td>ST-4</td></tr> <tr><td></td><td>26</td><td></td><td>A2</td><td>288763.184</td><td>2114042.490</td><td></td><td>ST-2</td></tr> <tr><td></td><td>27</td><td></td><td>B2</td><td>289261.609</td><td>2114172.095</td><td></td><td>ST-4</td></tr> <tr><td></td><td>28</td><td></td><td>A2</td><td>289717.451</td><td>2114290.627</td><td></td><td>ST-2</td></tr> <tr><td></td><td>29</td><td></td><td>B2</td><td>290210.055</td><td>2114418.774</td><td></td><td>ST-4</td></tr> <tr><td></td><td>30</td><td></td><td>A2</td><td>290653.720</td><td>2114543.813</td><td></td><td>ST-2</td></tr> <tr><td></td><td>31</td><td></td><td>B</td><td>291160.690</td><td>2114729.243</td><td></td><td></td></tr> <tr><td></td><td>32</td><td></td><td>A</td><td>291564.578</td><td>2114915.814</td><td></td><td></td></tr> <tr><td></td><td>33</td><td></td><td>B</td><td>291953.531</td><td>2115131.799</td><td></td><td></td></tr> <tr><td></td><td>34</td><td>A</td><td></td><td>292164.688</td><td>2115265.605</td><td></td><td></td></tr> <tr><td></td><td>35</td><td>B</td><td></td><td>292514.209</td><td>2115515.917</td><td></td><td></td></tr> <tr><td></td><td>36</td><td>A</td><td></td><td>292844.909</td><td>2115790.613</td><td></td><td></td></tr> <tr><td></td><td>37</td><td></td><td>A</td><td>293462.396</td><td>2116430.424</td><td></td><td></td></tr> <tr><td></td><td>38</td><td></td><td>A</td><td>294050.134</td><td>2117238.951</td><td></td><td></td></tr> </tbody> </table> <p>TUNNEL PORTAL</p>	S.NO	CHAINAGE (Km)	DOWN LINE	UP LINE	COORDINATE		Remarks	Segment Type	EASTING	NORTHING	TBM1	1		A2	276709.473	2110549.453		ST-6		2	B2	A2	276709.473	2110549.453		ST-2		3		A2	277580.873	2111038.073		ST-2		4		A2	278519.983	2111378.314		ST-1		5		A1	279487.640	2111630.577		ST-1		6		A1	280455.455	2111882.237		ST-1		7		B1	280870.648	2111990.199		ST-3		8		A1	281287.777	2112098.665		ST-1	TBM2	9	B1		281540.377	2112164.348		ST-3		10	A1		282013.638	2112287.410		ST-1		11	B1		282487.868	2112410.724		ST-3		12		A1	282971.776	2112536.554		ST-1		13		B1	283939.592	2112788.214		ST-3		14		A1	283939.592	2112788.214		ST-1		15		B1	284422.532	2112913.793		ST-3		16		A2	284907.407	2113039.875		ST-2		17		B1	285390.347	2113165.453		ST-3		18		A2	285873.287	2113291.032		ST-2		19		B2	286358.163	2113417.114		ST-4	TBM3	20		A2	286841.103	2113542.692		ST-2		21		B2	287324.043	2113668.271		ST-4		22		A2	287806.983	2113793.850		ST-2		23		A2	288159.267	2113885.454		ST-5		24	A2		288159.267	2113885.454		ST-5		25		B2	288293.793	2113920.434		ST-4		26		A2	288763.184	2114042.490		ST-2		27		B2	289261.609	2114172.095		ST-4		28		A2	289717.451	2114290.627		ST-2		29		B2	290210.055	2114418.774		ST-4		30		A2	290653.720	2114543.813		ST-2		31		B	291160.690	2114729.243				32		A	291564.578	2114915.814				33		B	291953.531	2115131.799				34	A		292164.688	2115265.605				35	B		292514.209	2115515.917				36	A		292844.909	2115790.613				37		A	293462.396	2116430.424				38		A	294050.134	2117238.951			
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	3		A2	277580.873	2111038.073		ST-2																																																																																																																																																																																																																																																																																																																								
	4		A2	278519.983	2111378.314		ST-1																																																																																																																																																																																																																																																																																																																								
	5		A1	279487.640	2111630.577		ST-1																																																																																																																																																																																																																																																																																																																								
	6		A1	280455.455	2111882.237		ST-1																																																																																																																																																																																																																																																																																																																								
	7		B1	280870.648	2111990.199		ST-3																																																																																																																																																																																																																																																																																																																								
	8		A1	281287.777	2112098.665		ST-1																																																																																																																																																																																																																																																																																																																								
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	10	A1		282013.638	2112287.410		ST-1																																																																																																																																																																																																																																																																																																																								
	11	B1		282487.868	2112410.724		ST-3																																																																																																																																																																																																																																																																																																																								
	12		A1	282971.776	2112536.554		ST-1																																																																																																																																																																																																																																																																																																																								
	13		B1	283939.592	2112788.214		ST-3																																																																																																																																																																																																																																																																																																																								
	14		A1	283939.592	2112788.214		ST-1																																																																																																																																																																																																																																																																																																																								
	15		B1	284422.532	2112913.793		ST-3																																																																																																																																																																																																																																																																																																																								
	16		A2	284907.407	2113039.875		ST-2																																																																																																																																																																																																																																																																																																																								
	17		B1	285390.347	2113165.453		ST-3																																																																																																																																																																																																																																																																																																																								
	18		A2	285873.287	2113291.032		ST-2																																																																																																																																																																																																																																																																																																																								
	19		B2	286358.163	2113417.114		ST-4																																																																																																																																																																																																																																																																																																																								
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	21		B2	287324.043	2113668.271		ST-4																																																																																																																																																																																																																																																																																																																								
	22		A2	287806.983	2113793.850		ST-2																																																																																																																																																																																																																																																																																																																								
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	26		A2	288763.184	2114042.490		ST-2																																																																																																																																																																																																																																																																																																																								
	27		B2	289261.609	2114172.095		ST-4																																																																																																																																																																																																																																																																																																																								
	28		A2	289717.451	2114290.627		ST-2																																																																																																																																																																																																																																																																																																																								
	29		B2	290210.055	2114418.774		ST-4																																																																																																																																																																																																																																																																																																																								
	30		A2	290653.720	2114543.813		ST-2																																																																																																																																																																																																																																																																																																																								
	31		B	291160.690	2114729.243																																																																																																																																																																																																																																																																																																																										
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	33		B	291953.531	2115131.799																																																																																																																																																																																																																																																																																																																										
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	37		A	293462.396	2116430.424																																																																																																																																																																																																																																																																																																																										
	38		A	294050.134	2117238.951																																																																																																																																																																																																																																																																																																																										
11	Referring to the Drawing No. TD-JIC-IC1-TDC-B01-UST-NTU-15010000			There is no details of construction joint for RC structures such as provision of water stop, hydrophilic strip and so on, please provide the details.	Refer Addendum No. 6 Item No. 1.																																																																																																																																																																																																																																																																																																																										
12	Referring to the Drawing No. TD-JIC-IC1-TDC-B01-UST-NTU-17120000			Please provide the details of water stop plate that will be installed between the shaft 3 and NATM Tunnel.	The Contractor shall submit method statement for making the joint between Shaft-3 and NATM Tunnel water proof to the Engineer for his approval.																																																																																																																																																																																																																																																																																																																										
13	Referring to the Drawing No. TD-JIC-IC1-TDC-B01-UST-NTU-10780000 and 10790000			The application of water membrane was not shown at the extrados of entrance concrete. In addition, no rebar arrangement drawing for entrance concrete was found. Please clarify if it is required.	The Contractor shall submit method statement for making the joint between Shafts and Tunnel water proof to the Engineer for his approval. Refer Addendum No.2 Item																																																																																																																																																																																																																																																																																																																										

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					No.1 for rebar arrangement of entrance concrete.
14	Referring to the Drawing No. TD-JIC-IC1-TDC-B01-UST-NTU-10500000 and 10510000			Please provide the details for the connection between main tunnel segment and the equipment room lining as well as waterproofing if necessary.	Refer Addendum No. 6 Item No. 1.
15				Many items had been revised and newly added in the drawings issued as the Addendum No.2, and there are no Items in the Bills of Quantities for those revised and added items. Please revise BOQ to cover all those items.	Refer Addendum No.4 Item No.1
16	Referring to the Drawing No. TD-JIC-IC1-TDC-B01-UST-NTU-23360001			Table of "PERMANENT AREA COORDINATES", the EASTING and NORTHING value of RP5 is same as the value of RP6. It seems that the value of RP6 is not correct. Please clarify.	Refer Addendum No. 6 Item No. 1.
17	Referring to the Drawing No. TD-JIC-IC1-TDC-B01-UST-NTU-23360001 and 23430000			The boundary wall between the points B10 and B11 should be installed on the stream of water. Please provide detailed section drawings showing how to install the boundary wall on the stream of water.	Refer Addendum No. 6 Item No. 1.
18	Referring to the Original BOQ, Bill No. 5.1: Main tunnel, Item no. 502 d)			The description of grouted fore poling has been delated from the BOQ of Addendum No.4. We understand this item is to be constructed 'As / Direction of the Engineer' so that we don't need to estimate it in this stage. Please conform.	Refer Addendum No 4 Item No. 1. Cost of auxiliary supports including forepoling are included in BOQ Item no. 501. Nothing extra shall be payable for auxiliary supports including forepoling.
19	Referring to the Addendum No.4, Item No.13 and			Utility support for MIDC Road, issued on 7-August 2019, even if the other supporting system to be adopted, it will be large-scale structure that takes for a long term for construction procedures (i.e. design submission, material procurement, material	The condition(s) of Bidding Document shall remain unaltered.

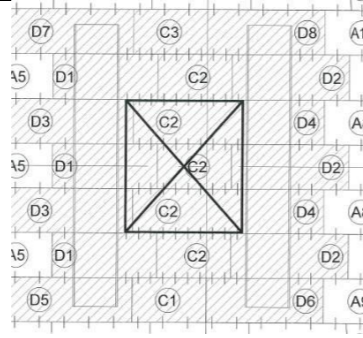
Sl. No	Document	Page no / Clause No.	Provisions as Per-Bidding Documents/Subject/Title/Item as mentioned by the Bidder	Bidder Query	Employer's Reply
	general attached drawing (GAD) 4E			fabrication and assembling etc.). So please advise us whether you consider the handover date of Milestone No.4 to be extended or not.	
20	General Conditions of the Contract	1.5	<p>Priority of documents</p> <p>As per existing tender conditions, priority of documents is as below:</p> <p>(a) Contract Agreement</p> <p>(b) Letter of Acceptance,</p> <p>(c) Letter of Tender,</p> <p>(d) Particular Conditions</p> <p>(e) General Conditions</p> <p>(f) Specification, (g) Drawings, and</p> <p>(h) Schedules and any other documents forming part of the Contract.</p>	<p>It is kindly requested to amend the Priority of documents as below:</p> <p>(a) Contract Agreement</p> <p>(b) Letter of Acceptance,</p> <p>(c) Letter of Tender,</p> <p>(d) Particular Conditions</p> <p>(e) General Conditions</p> <p>(f) Design Requirements and Criteria</p> <p>(g) Technical Specifications,</p> <p>(h) Drawings,</p> <p>(i) Schedules</p> <p>(j) Contractor's Proposal and any other documents forming part of the Contract.</p>	<p>The condition(s) of Bidding Documents shall remain unaltered.</p> <p>Refer Part-3, Section-VIII, Particular Conditions, Part-B Specific Provisions, Sub-Clause 1.5.</p>
21	Part 3, Section VIII, Part-A Contract Data, Advance Payment,	14.2 Page 6 of 33	<p>15% (fifteen percent) of the Accepted Contract Amount less Provisional Sums payable in the currencies and proportions in which the Accepted Contract Amount is payable.</p> <p>The Advance Payment shall be made in two instalments as under:</p> <p>a) 10 (ten) percent: On submission of a Performance Security; and</p> <p>b) 5 (five) percent: On submission of proof of placement of order for three</p> <p>(3) TBMs.</p>	<p>The Employer will appreciate that, immediately after award of works; the Contractor has to act on following:</p> <ul style="list-style-type: none"> <li>• Arrangement of: <ul style="list-style-type: none"> <li>○ Bank Guarantees</li> <li>○ Insurances</li> </ul> </li> <li>• Arrangement of huge parcels of land for: <ul style="list-style-type: none"> <li>○ Casting Yard</li> <li>○ Muck Disposal Yard(s)</li> <li>○ Contractor's Temporary Facilities</li> <li>○ Etc.</li> </ul> </li> <li>• Construction / Setting-up of: <ul style="list-style-type: none"> <li>○ Casting Yard</li> <li>○ Contractor's Facilities like Offices, Workshops, Warehouses, Stock Yards, etc.</li> <li>○ Concrete Production facilities</li> </ul> </li> <li>• Procurement of Segment Moulds</li> </ul>	Refer Addendum No 6 Item No. 9.



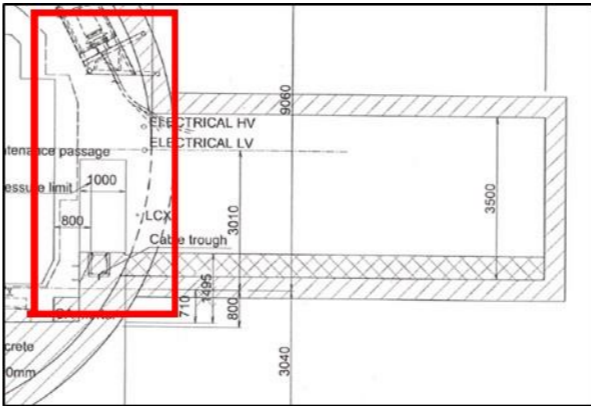
Sl. No	Document	Page no / Clause No.	Provisions as Per-Bidding Documents/Subject/Title/Item as mentioned by the Bidder	Bidder Query	Employer's Reply						
				<ul style="list-style-type: none"> <li>• Equipment's for Construction of Shafts and NATM Tunnels like:               <ul style="list-style-type: none"> <li>○ Vertical Drilling Rigs &amp; Boomers</li> <li>○ Shotcrete Machines</li> <li>○ Excavators, Wheel Loaders, Dozers, etc.</li> <li>○ Dumpers &amp; Transit Mixers</li> <li>○ Concrete Batching Plants &amp; Laboratory</li> <li>○ Cranes</li> <li>○ Other essential P&amp;M</li> </ul> </li> </ul> <p>Considering all above, the Mobilization Advance of 10% (Ten) of Accepted Contract Sum is not enough to cater for the immediate requirement of Fixed as well as Working Capital.</p> <p>Further, procurement of Three New TBM's and Associated Equipment's like:</p> <ul style="list-style-type: none"> <li>○ Slurry Treatment Plants</li> <li>○ Slurry Transportation System</li> <li>○ Rolling Stocks</li> <li>○ Cranes</li> <li>○ Other essential P&amp;M</li> </ul> <p>calls for huge Capital outlay, upfront 5% (Five) of Accepted Contract Sum towards procurement of TBM's and associated equipment is not sufficient to cover even half of the Capital Investment.</p> <p><b>Accordingly, once again, it is our humble submission to:</b></p> <p>Modify the Advance Clause and provide for release of 15% of the Mobilization Advance upon submission of Performance Bank Guarantee</p> <p>AND</p> <p>Introduce Line Items in BOQ for Stage Payments against Procurement of TBM's as mentioned below:</p> <table border="1" data-bbox="1587 1570 2234 1719"> <thead> <tr> <th data-bbox="1587 1570 1991 1646">BOQ Description</th> <th data-bbox="1991 1570 2092 1646">UOM</th> <th data-bbox="2092 1570 2234 1646">Quantity</th> </tr> </thead> <tbody> <tr> <td data-bbox="1587 1646 1991 1719">Order Placement for TBM</td> <td data-bbox="1991 1646 2092 1719">Nos.</td> <td data-bbox="2092 1646 2234 1719">3</td> </tr> </tbody> </table>	BOQ Description	UOM	Quantity	Order Placement for TBM	Nos.	3	
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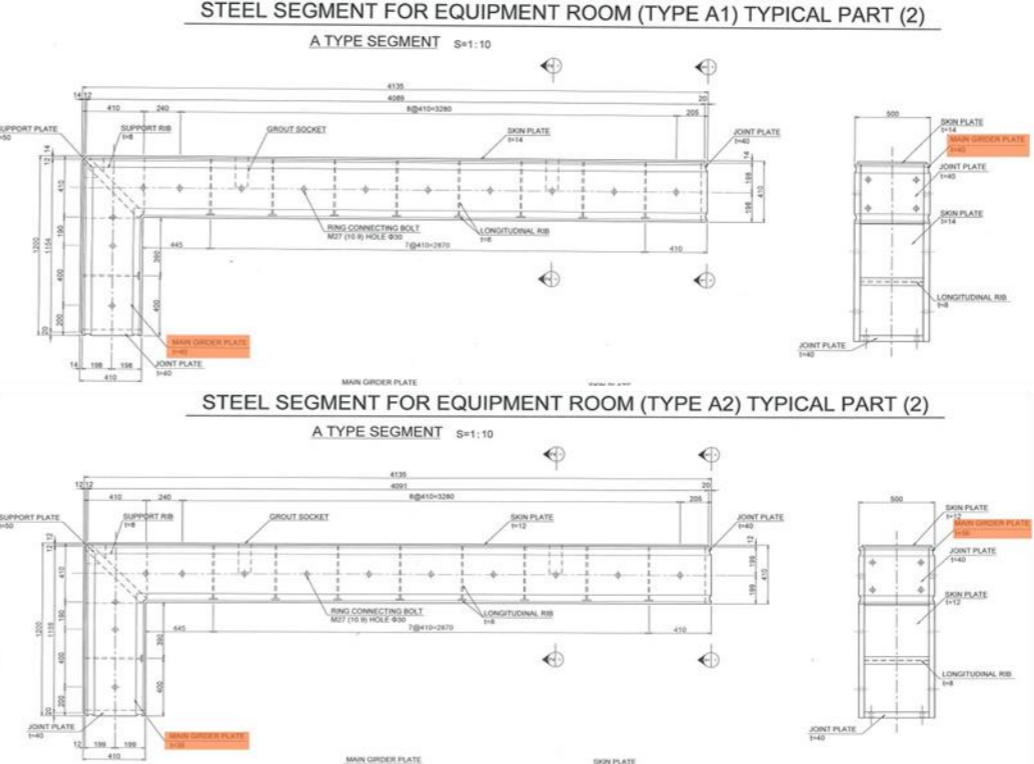


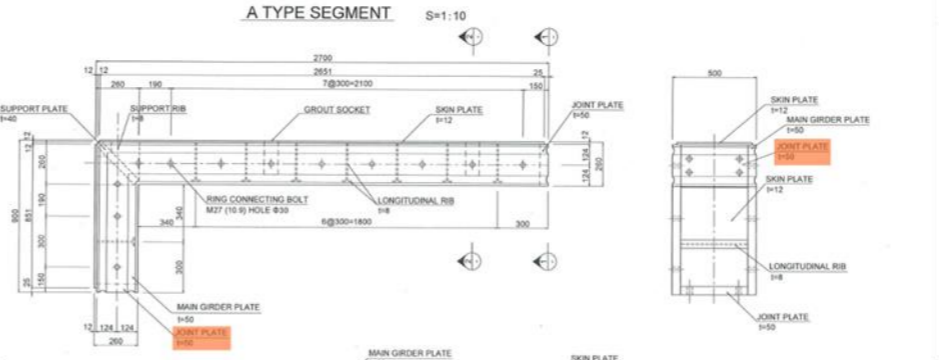
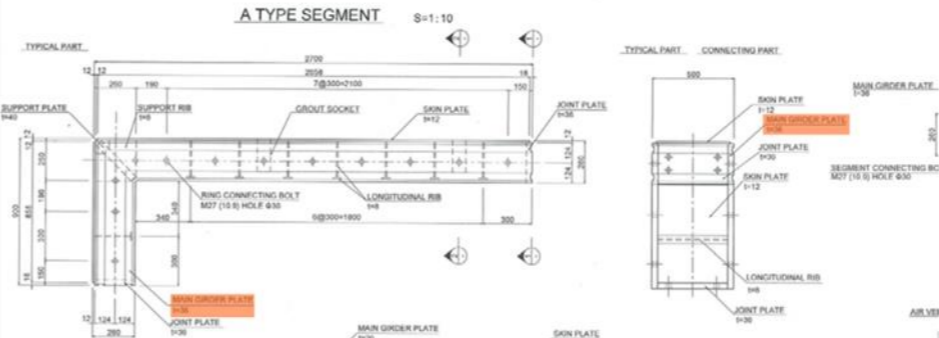
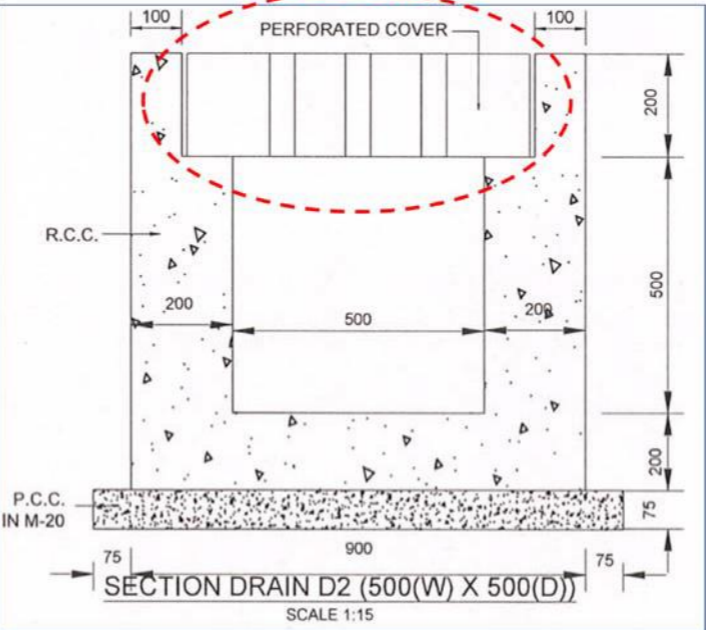
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				<table border="1"> <tr> <td>Completion of TBM Design and Commencement of TBM Manufacturing</td> <td>Nos.</td> <td>3</td> </tr> <tr> <td>Factory Acceptance Test</td> <td>Nos.</td> <td>3</td> </tr> <tr> <td>Receipt of TBM's at site</td> <td>Nos.</td> <td>3</td> </tr> <tr> <td>Successful Commissioning</td> <td>Nos.</td> <td>3</td> </tr> </table> <p>The above modifications are very much essential for the Contractor to maintain a workable and healthy cash flow at site to carry out construction activities without any financial constraints.</p>	Completion of TBM Design and Commencement of TBM Manufacturing	Nos.	3	Factory Acceptance Test	Nos.	3	Receipt of TBM's at site	Nos.	3	Successful Commissioning	Nos.	3	
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Successful Commissioning	Nos.	3															
22	Part 1, Section II, BDS	ITB 7.1	"The Employer's response will be uploaded on the Employer's webpage no later than twenty-eight (28) days prior to the deadline for submission of Bids, provided that such request is received no later than forty-nine (49) days prior to the deadline"	Bidder would like to apprise that Addendum No. 4 has been released by the Employer on 8th Aug'19. New/Revised Drawings, Revised BOQ's and other details as released needs detailed review and there might be few points which needs further clarification from the Employer. Accordingly, it is requested to modify the provision as "..... such request is received no later than Twenty Eight (28) days prior to the deadline"	Refer Addendum No. 5 Item No. 3.												
23	Part 1, Section II, BDS	ITB 22.1 & 25.1, Page 9 of 31	The deadline for Bid submission is: Date: 24th September 2019 Time: 15:00 hrs	Bidder would like to inform that there are many techno- commercial issues that are yet to be clarified. Further, more than 1000 drawings have been issued by the Employer, which needs thorough study and detailing. Therefore, the bid extension of only 1 month, as granted is not enough to prepare a comprehensive techno- commercial bid for a project of such magnitude and complexity. Accordingly, it is requested to extend the bid submission by a further period of 1 month; i.e. up to 24 <sup>th</sup> October 2019.	Refer Addendum No. 5 Item No. 2.												
24	Drawing TD-JIC-IC1- B01-UST-NTU- 10330000 & TD-JIC- IC1-B01-UST-NTU-10330001		Steel Segment for Opening of Equipment	From the drawing, Bidder understands that only removal of indicated steel segment will not create access to the Equipment room opening, as indicated by Cross (X) in the figure. This will need further Metal arc Cutting at site location, as well. <ol style="list-style-type: none"><li>1. It is requested to confirm our understanding, as we fear it may damage the Coatings.</li><li>2. Also, please confirm that Clause 4.8.5 (Infill Concrete of Steel segments) is not valid for TBM Segments and is valid only for segments of Equipment Room.</li></ol>	<ol style="list-style-type: none"><li>1. Cutting of steel segments of Main Tunnel will be required at site as shown in the Drawings.</li><li>2. Infill concrete of steel segments shall be provided for segments</li></ol>												

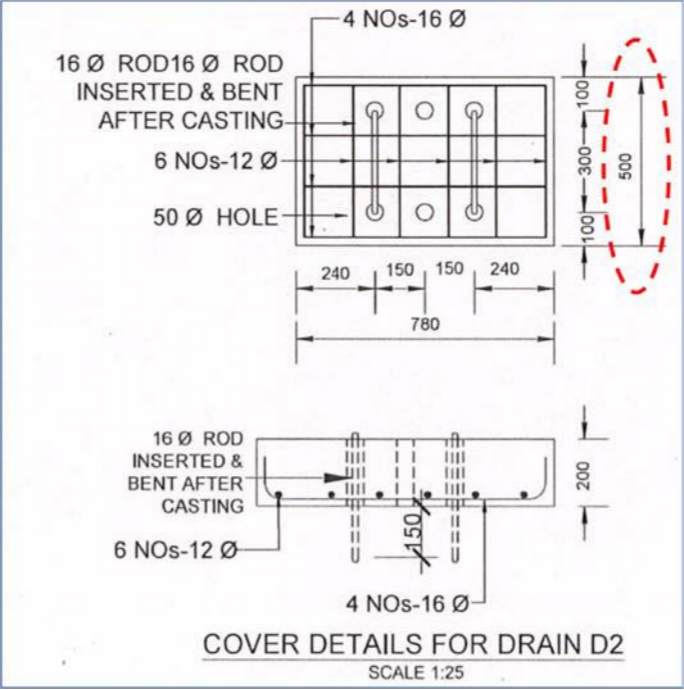
Sl. No	Document	Page no / Clause No.	Provisions as Per-Bidding Documents/Subject/Title/Item as mentioned by the Bidder	Bidder Query	Employer's Reply
					of TBM as well as of Equipment Rooms.
25	Drawing No TD-JIC- IC1-TDC-B01-UST-NTU-23360001		Adit Tunnel Portal	Contour values in General Arrangement drawings of Adit Tunnel are not given. Kindly provide the Dwg. file for it.	Refer Addendum No.6 Item No. 1.
26	Drawing No TD-JIC- IC1-TDC-B01-UST-NTU-16290000		Shaft 2	Drawing No. TD-JIC-IC1-TDC-B01-UST-NTU-16290000 given in List of drawing related to Retaining wall is missing from Shaft 2 drawings. Please provide the same.	Refer Addendum No.4 Item No. 3.
27	General		Cutting Slopes	It is requested to provide the cutting slopes for drains, retaining walls and culverts.	The condition(s) of Bidding Documents shall remain unaltered.
28	Part 1, Section II,	BDS ITB 4.1	Power of Attorney	In relation to the Employer's Reply to Query No. 130 provided on 29 <sup>th</sup> July 2019, in order to prepare for urgent events during the bidding process, we wish to nominate multiple "Representative" personnel from the Lead member. Alternatively, if such proposal cannot be accepted, we need the appointed sub-agent(s) to the "Representative" to act on his behalf during the bidding process.  Our request is to cater for unexpected sudden event when the sole signer cannot be readily available. Please reconsider and amend the Employer's requirement as above for the smooth implementation of the bidding process.	The condition(s) of Bidding Documents shall remain unaltered.
29	Part 1 Section III Evaluation and Qualification Criteria,	Clause 4.2.4 Page 29 of 31	Key Personnel	It is stipulated that “*Years of experience in similar works means experience in tunnel construction by TBM method / NATM method.”  We understand that “/” in the above sentence stands for “OR”.  Please confirm.	Bidder's understanding is correct.

Sl. No	Document	Page no / Clause No.	Provisions as Per-Bidding Documents/Subject/Title/Item as mentioned by the Bidder	Bidder Query	Employer's Reply
30	Part 1 Section IV Bidding Form & Addendum 4 Attachment 1 Item 406,		Reinforcement Steel and Glass Fibre reinforced rod	Notwithstanding the reference to Item 205, please confirm that the method of measurement shall be the summation of all individual reinforcement shown in the design drawings without deduction for the lap lengths in case of concrete segments.	The condition(s) of Bidding Document shall remain unaltered.
31	Part 2, Section VI-2	Sub-Clause 2.5, Page 8 of 199 & Addendum No. 3, Item No. 75 Page 5 of 6, & Addendum No.4, Item No. 13	MIDC Support System	From the description of the revised requirement and the scope of works inclusive of the design, we understand that this is a temporary structure to be demolished after the tunnel pass through this area. Please confirm.	Refer Addendum No. 6 Item No. 5.
32	Part 2, Section VI-1 General Specifications Division 04040	Clause 2.15 Page 27 of 100 and Division 04100 Clause 2 Page 69 of 100	04040 Interface, Coordination and Cooperation with Other Parties Clause 2.15  04100 Milestones Clause 2 Milestone Schedules	In relation to the Employer's Reply to Query No. 139, please confirm if our understanding is correct.  Suppose the Contractor is liable to delay damage to any Milestone as stipulated in the Milestone Schedules under General Specifications 04100 "Milestones". Then, they will not be liable to pay additionally/deducted furthermore, under Clause 2.15 of General Specifications 04040 stipulating that the matter be " <i>settled by the Engineer under Sub-Clause 3.5 [Determination] and Sub- Clause 2.5 [Employer's Claim] of the General Conditions of Contract</i> ".	The condition(s) of Bidding Documents shall remain unaltered.
33	Part 2, Section VI-2	Sub-Clause 4.24 As amended by Addendum No. 3 Page 52 of 58	General Arrangement of Steel Segment for all type.	The revised provision of Sub-Clause 4.24 allows the infill concrete of the steel segment be carried out at the fabrication yard or in situ.  However, this proposal shall also mean that there may be some sections which have to be boxed out due to the presence of holes for bolt and grout socket etc.  If box-outs are filled by concrete after installation, the concrete, if not done properly, may peel off during operation due to poor bonding.  Kindly advise your requirements for such case, or if we are allowed to leave out these boxed-out areas.	The box-out areas are to be filled up completely. The Contractor shall submit method statement for the same to the Engineer to obtain approval.

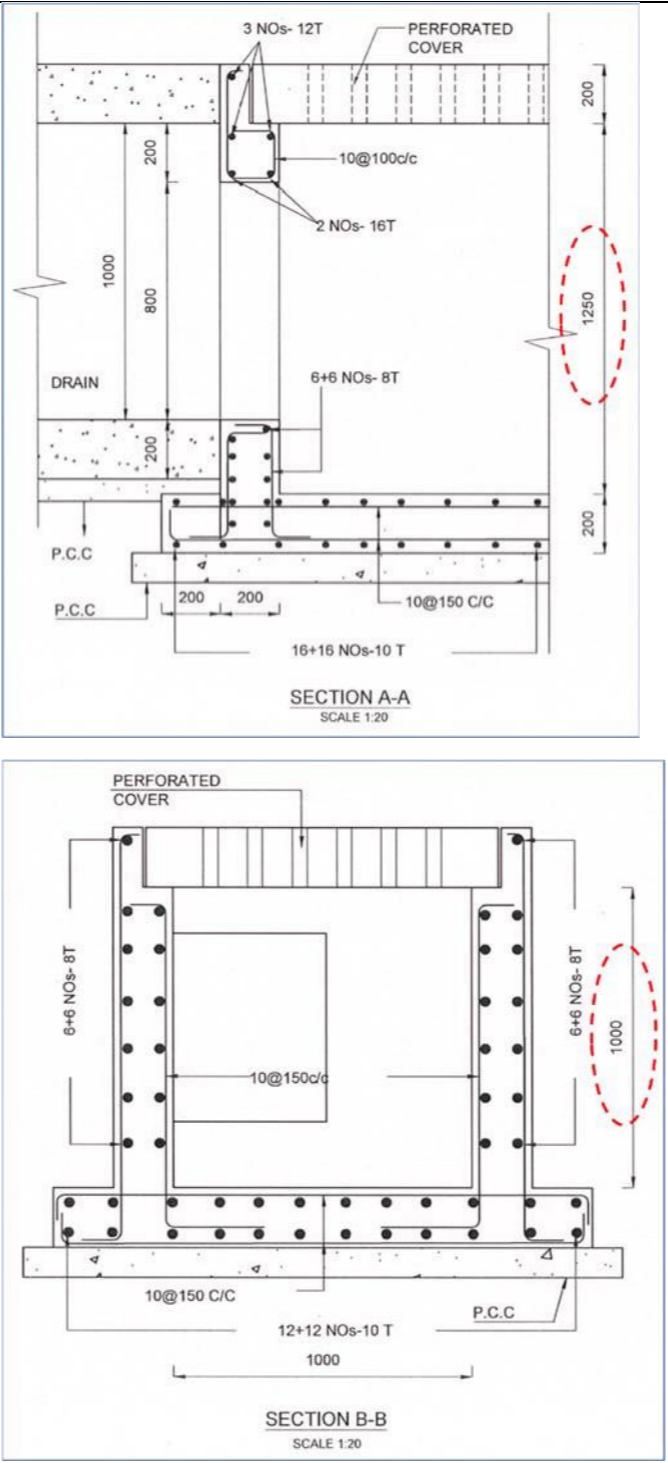
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34	Part 2, Section VI-3 Drawings from Addendum No. 2  B. TBM Drawings TD-JIC-IC1-TDC-B01-UST-NTU-1088000-1388000 (NEW) & 14071000-14122000 (NEW) & 14182000-1423000 (NEW) & 14298000-14347000 (NEW) & 14415000-14499000 (NEW)		General Arrangement of Steel Segment for all type.	The tender drawings do not show any ring connection bolt at the receiving girder position of steel segment rings.  Please provide us the ring connection bolts details.	Refer Addendum No. 6 Item No. 1.
35	Part 2, Section VI-3 Drawings from Addendum Nos. 2 and 3  B. TBM Drawings TD-JIC-IC1-TDC-B01-UST-NTU-14420000 (NEW)		General Arrangement of Bolt Sockets for Steel Segment (ST-6)(6) (at Location of Equipment Room Type A2&B2 (Both Side-TDS))	The connection details between main tunnel steel segments and equipment room steel segments are not provided in Addendum Nos. 2 & 3 Drawings.    Please provide us the connection details	Refer Addendum No. 6 Item No. 1.
36	Part 2 Section V1-3 Drawings from Addendum No. 2		Equipment Room's Main Girder Plate Thickness	Bidder understands that Equipment Room Type A1 and A2 shown on the Drawing Nos. TD-JIC-IC1-TDC-B01-UST-NTU-13250000~13280000 (NEW) and 13420000~13450000 (NEW) are the similar conditions for all aspects.	The thickness shown in the Drawings is correct.

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	<p>B. TBM DRAWINGS</p> <p>TD-JIC-IC1-TDC-B01-UST-NTU-13250000~13280000 (NEW)</p> <p>and</p> <p>TD-JIC-IC1-TDC-B01-UST-NTU-13420000~13450000 (NEW)</p>	<p>Pages 130 to 133 of 205</p> <p>and</p> <p>Pages 147 to 150 of 205</p>		<p>But we note that the thickness of main girder plate for A1 and A2 are 40mm and 36mm respectively.</p> <p>Therefore, please clarify that the two different thicknesses are correct for the bidder's costing.</p> 	
37	<p>Part 2 Section V1-3 Drawings from Addendum No. 2</p> <p><b>B. TBM DRAWINGS</b></p> <p><b>TD-JIC-IC1-TDC-B01-UST-NTU-13590000~13610000 (NEW)</b></p> <p>and</p> <p><b>TD-JIC-IC1-TDC-B01-UST-NTU-13780000~13800000</b></p>	<p>Pages 164 to 166 of 205</p> <p>Pages 183 to 185 of 205</p>	<p>Equipment Room's Main Girder Plate Thickness</p>	<p>Bidder understands that Equipment Room Type B1 and B2 shown on the Drawing Nos. <b>TD-JIC-IC1-TDC-B01-UST-NTU-13590000~13610000 (NEW)</b> and <b>13780000~13800000 (NEW)</b> are the similar conditions for all aspects.</p> <p>But we note that the thickness of main girder plate for B1 and B2 are 50mm and 36mm respectively.</p> <p>Therefore, please clarify that the two different thicknesses are correct for the bidder's costing.</p>	<p>The thickness shown in the Drawings is correct.</p>

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	(NEW)			<p style="text-align: center;"><u>STEEL SEGMENT FOR EQUIPMENT ROOM (TYPE B1) TYPICAL PART (2)</u></p>  <p style="text-align: center;"><u>STEEL SEGMENT FOR EQUIPMENT ROOM (TYPE B2) CONNECTING PART (2)</u></p> 	
38	Part 2 Section V1-3 Drawings from Addendum No. 2 <b>G. COMMON DRAWINGS</b> <b>TD-JIC-IC1-TDC-B07-UST-NTU-00430000 (NEW)</b>	Page 7 of 19	Discrepancy on the drawing.	<p>1. <u>Drawing 00430000 / PERMANENT REINSTATEMENT AND ASSOCIATED WORKS (DETAIL OF DRAIN) (1)</u></p> <p>There are discrepancies between SECTION DRAIN D2 and COVER DETAILS FOR DRAIN D2.</p> 	Refer Addendum No. 6 Item No. 1.

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				 <p>Please provide the correct information.</p>	
39	Part 2 Section V1-3 Drawings from Addendum No. 2 <b>G. COMMON DRAWINGS</b> <b>TD-JIC-IC1-TDC-B07-UST-NTU-00470000 (NEW)</b>	Page 11 of 19	Discrepancy on the drawing.	1. <u>Drawing 00470000 / PERMANENT REINSTATEMENT AND ASSOCIATED WORKS (DETAIL OF CATCH PIT – TYPE B)</u> There are discrepancies between Section-AA and BB.	Refer Addendum No. 6 Item No. 1.

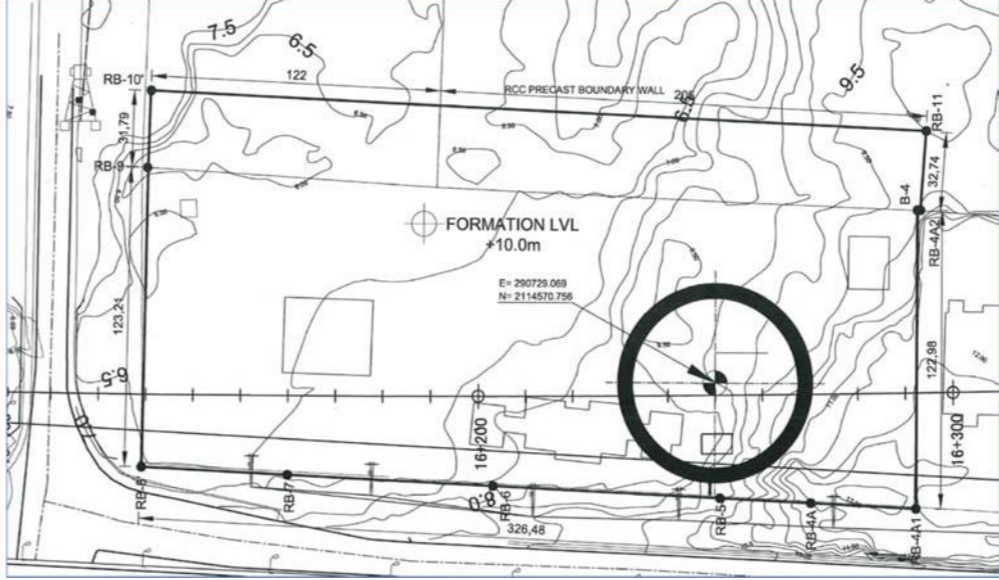


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40	Part 2 Section V1-3  Drawings from		Missing formation levels	<p><u>DRAWING 20520000 / MAIN TUNNEL PORTAL-PERMANENT REINSTATEMENT AND ASSOCIATED WORKS (BOUNDARY WALL)</u></p> <p>and</p>	<p>Refer Addendum No. 6 Item No. 1.</p> <p>The turfing work may follow contour of existing slope on</p>

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	<p>Addendum No. 2</p> <p><b>E. NATM (MAIN TUNNEL) DRAWINGS</b></p> <p><b>TD-JIC-IC1-TDC-B07-UST-NTU-20520000 (NEW)</b></p> <p>and</p> <p>Drawings from Addendum No. 3</p> <p><b>Attachment 11</b></p> <p><b>NATM (MAIN TUNNEL) DRAWINGS</b></p> <p><b>TD-JIC-IC1-TDC-B07-UST-NTU-20490002 (REVISED)</b></p>	<p>Page 36 of 37</p> <p>and</p> <p>Page 81 of 134</p>		<p><u>DRAWING 20490002 / MAIN TUNNEL PORTAL-PERMANENT REINSTATEMENT AND ASSOCIATED WORKS (GENERAL ARRANGEMENT DRAWING)</u></p> <p>There are no formation levels shown on both drawings 20520000 (NEW) and 20490002 (REVISED).</p> <p>Please clarify the following:</p> <p>1. Can the site clearance and turfing works follow the contour of the existing slope on site?</p> <p>This shall mean that the top 300mm of existing slope shall be trimmed off for replacement with topsoil and then turfing on top.</p>	<p>Site with the approval of the Engineer.</p>
41	Part 3 Section VIII Particular Conditions (PC) Part A-Contract Data	Sub-Clause.14.5, Page 7 of 33	Plant and Materials	<p>1. In relation to the Employer's Reply to Query No. 182 provided on 29th July 2019, we understand that the steel reinforcements used for tunnel segments will be paid when the material arrives at the segment factory. Please confirm.</p> <p>2. In addition, please add another pay item, in the form of instalments, for the delivery of segment accessories such as dowels,</p>	<p>1. Bidder's understanding is correct.</p> <p>2. Refer Addendum No. 6 Item No. 12.</p>
42	Part 3 Section VIII Particular Conditions (PC) Part A-Contract Data	Sub-Clause.14.5, Page 7 of 33	Plant and Materials	<p>In relation to the Employer's Reply to Query No. 182 provided on 29th July 2019, we would like to request the Employer to kindly accept the following alternative to the provisions stated in the current Bidding Documents. This is because the Contractor cashflow will be significantly negative. The negative cashflow does not dissolve even if we can receive 15% of Accepted Contract Amount as the Advance Payment;</p> <p>Please add separated BOQ item for payment as per "Completion of Tunnel Segment Factory"</p>	<p>The condition(s) of Bidding Documents shall remain unaltered.</p>

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43	Part 3, Section VIII, PC Part A CL. 14.2	Page 6 of 33	Advance Payment	<p>In relation to the Employer's Reply to Query No. 221 provided on 29th July 2019, we would like to request the Employer to kindly accept the following alternative to the provisions stated in the current Bidding Documents;</p> <p>We believe that the application of the original contract provisions is not practical because it includes complications in the definition of the advance payment. Furthermore, as discussed in the Pre-Bid Meeting, cashflow of the Contractor will be significantly negative. We expect the cash flow to be negative during construction period even if we choose to submit retention guarantee due to various factors such as purchasing of equipment, GST, TDS etc. The negative cashflow does not dissolve even if we can receive 15% of Accepted Contract Amount as the Advance Payment.</p> <p>In consideration of the above situation, we would like to request again the Employer to support the Contractor's cashflow by accepting our following alternative proposals.</p> <p>The first alternative proposal for relieving the aforementioned cashflow issue is as follows:</p> <p>The Advance Payment to be a straightforward "15% (fifteen percent) of the Accepted Contract Amount payable in the currencies and proportions in which the Accepted Contract Amount is payable."</p>	Refer Addendum No. 6 Item No. 9.
44	Part 3, Section VIII, PC Part A CL. 14.2	Page 6 of 33	Advance Payment	<p>The second alternative proposal for relieving the aforementioned cashflow issue is as follows:</p> <p>The procurement of three TBMs to be separate BOQ items for each TBM with payment to be progressively measured in accordance with progress of procurement as follows;</p> <ol style="list-style-type: none"> <li>1) 30% upon submission of proof of placement of order,</li> <li>2) 60% upon successful factory inspection,</li> <li>3) 5% upon arrival at Site, and</li> </ol> <p>5% upon successful launch.</p>	The condition(s) of Bidding Documents shall remain unaltered.
45	Part3 Section VIII Particular Conditions, Part A Contract Data,	CL. 1.1.3.3 Page 5 of 33	Time for Completion	In relation to the No. 107 and No. 108 of the Addendum No.3 provided on 29th July 2019, please hold the 2nd Pre-Bid Meeting for clarifications regarding the background and basis of "Time for Completion" provided in the above Addendum.	No 2 <sup>nd</sup> Pre-Bid meeting is planned.

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46	Part3 Section VIII Particular Conditions, Part A Contract Data,	CL. 2.1 Page 6 of 33	Time for Access to, and possession of all parts of, the Site	As one of the alternative conditions to shorten the construction period to meet Time for Completion, please consider handing over the construction area for Shaft 2 on the first day of commencement date.	Refer Addendum No. 6 Item No 7 & 8.																																																				
47	Part 2 Section V1-3 Drawings from Addendum #4  <b>A. LIST OF REVISED DRAWINGS TD-JIC-IC1-TDC-B01-UST-NTU-00170002</b>	Page 91 of 139	Discrepancy on the drawing.	<p>1. <u>Drawing 00170002 / WORK AREA ACCESS PLAN SHAFT-3</u></p> <p>There are discrepancies between ACCESS AREA COORDINATES Table and POINT ID stipulated on the drawing.</p> <table border="1" data-bbox="1418 718 2092 1255"> <thead> <tr> <th colspan="4">ACCESS AREA COORDINATES</th> </tr> <tr> <th>S.NO.</th> <th>POINT ID</th> <th>EASTING</th> <th>NORTHING</th> </tr> </thead> <tbody> <tr><td>1</td><td>RB 8'</td><td>290619.2690</td><td>2114517.3890</td></tr> <tr><td>2</td><td>RB 7</td><td>290649.0993</td><td>2114525.2626</td></tr> <tr><td>3</td><td>RB 6</td><td>290690.9450</td><td>2114536.3118</td></tr> <tr><td>4</td><td>RB 5</td><td>290737.2343</td><td>2114548.5393</td></tr> <tr><td>5</td><td>RB 4A</td><td>290755.7540</td><td>2114553.4204</td></tr> <tr><td>6</td><td>RB 4A1</td><td>290777.1024</td><td>2114559.0485</td></tr> <tr><td>7</td><td>B 4</td><td>290758.7282</td><td>2114617.7034</td></tr> <tr><td>8</td><td>RB 4A2</td><td>290759.2921</td><td>2114617.8378</td></tr> <tr><td>9</td><td>RB 11</td><td>290755.5434</td><td>2114633.7843</td></tr> <tr><td>10</td><td>RB 10'</td><td>290597.5487</td><td>2114591.7820</td></tr> <tr><td>11</td><td>RB 9</td><td>290601.6654</td><td>2114576.4308</td></tr> </tbody> </table>	ACCESS AREA COORDINATES				S.NO.	POINT ID	EASTING	NORTHING	1	RB 8'	290619.2690	2114517.3890	2	RB 7	290649.0993	2114525.2626	3	RB 6	290690.9450	2114536.3118	4	RB 5	290737.2343	2114548.5393	5	RB 4A	290755.7540	2114553.4204	6	RB 4A1	290777.1024	2114559.0485	7	B 4	290758.7282	2114617.7034	8	RB 4A2	290759.2921	2114617.8378	9	RB 11	290755.5434	2114633.7843	10	RB 10'	290597.5487	2114591.7820	11	RB 9	290601.6654	2114576.4308	Refer Addendum No. 6 Item No. 1.
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