



# महाराष्ट्र रेल इन्फ्रास्ट्रक्चर डेवलपमेंट कॉर्पोरेशन लि.

महाराष्ट्र शासन आणि रेल्वे मंत्रालय यांचा संयुक्त उपक्रम, २ रा मजला, हेक्ट हाऊस, नरीमन पॉईंट, मुंबई ४०००२१.

**MAHARASHTRA RAIL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**

A Joint Venture of Govt. of Maharashtra and Ministry of Railways

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CIN: U74999MH2017SGC298367

## **CORRIGENDUM NO. 2**

Date: 22-08-2019

**Sub:** Construction of Limited Height Subways (LHS) / Road Under Bridges (RUBs) at 7 locations (i.e. Nagpur Ballarshah Section at LC No. 19- km 804/12-14, Wardha Warora Section at LC No. 27- km 826/29-827/1, Warora Ballarshah Section at LC No. 34- km 849/28-30 & LC No. 42- km 877/20-22, Tadali Ghugus Section at LC No. 39A- km 865/16-866/1 & LC No. 39G- km 875/2-3 and Wardha Ballarshah Section at LC No. 43A- km 879/11 and Chanda Fort Gondia Section at LC No. 143A- km 1240/13-14) in lieu of Level crossing in Maharashtra area on Nagpur Division of Central Railway- **Extension of Bid Submission Date and Revision in Section 9 & Section 10.**

**Tender No.** MRIDC/e-Tender/RUB-LHS/2019/43

Following Corrections / Modifications shall please be carried out in above subject bid document:

### **i. Extension of Bid Submission date**

Reference Section	Reference Clause No.	Earlier Description	Revised Description
Notice Inviting Tender (General Information Data Sheet)	2.29 (f)	Last date and Time of downloading/purchasing of Tender document <b>22.08.2019; 14:58 hrs</b>	Last date and Time of downloading/purchasing of Tender document <b>29.08.2019 14:58 hrs</b>
	2.29 (g)	Last date and Time of uploading/submission of Tender document <b>22.08.2019; 15:00 hrs</b>	Last date and Time of uploading/submission of Tender document <b>29.08.2019; 15:00 hrs</b>
	2.29 (h)	Date and Time of Opening of Technical Bid <b>22.08.2019; 15:30 hrs</b>	Date and Time of Opening of Technical Bid <b>29.08.2019; 15:30 hrs</b>
Invitation for e-Tender		Interested Bidders can download the tender document from e-bidding portal of MRIDC from <b>12.07.2019 (18:00 hrs) to 22.08.2019 (14:58 hrs)</b> after paying a non-refundable tender fee of <b>Rs. 20,000/-</b> through MRIDC's payment gateway available at e-bidding portal.	Interested Bidders can download the tender document from e-bidding portal of MRIDC from <b>12.07.2019 (18:00 hrs) to 29.08.2019 (14:58 hrs)</b> after paying a non-refundable tender fee of <b>Rs. 20,000/-</b> through MRIDC's payment gateway available at e-bidding portal.
		Earnest Money Deposit (EMD) in prescribed format given in bid document shall be received at	Earnest Money Deposit (EMD) in prescribed format given in bid document shall be received at

Reference Section	Reference Clause No.	Earlier Description	Revised Description
		MRIDC`s Corporate Office, Mumbai on or before <b>22.08.2019 (15:00 Hrs).</b>	MRIDC`s Corporate Office, Mumbai on or before <b>29.08.2019 (15:00 Hrs).</b>

**ii. Section 9: Schedule of Construction**

Stage	Existing	Revised
I	Casting of Thrust Bed with all contractor's labour, material ( <b>except</b> reinforcement steel), tools and plants, chemicals, admixtures, taxes, royalty, all lead and lift etc. as per specifications, weigh batching of ingredients, mechanical mixing, placing, disposal of excavated materials, complete in all respect as per direction of Engineer-in charge.	Casting of Thrust Bed as per specifications, complete in all respect as per direction of Engineer-in charge.
III	<p><b>Supplying of Restricted Height (RH) Girder (if required), Assembling of RH Girders along with fixing of sleepers, Rails and fittings on the RH girder, assembling of cribs, Drilling of fish holes and removing of existing Tracks, launching of RH Girders and linking of track under traffic Block.</b></p> <ul style="list-style-type: none"> <li>• The Firm/Agency shall arrange and assemble RH Girder at site.</li> <li>• All RH Girders must be procured and fabricated only through RDSO approved vendors for Fabrication and supply of Steel Girders.</li> <li>• Arrange and assemble cribs at site as per specified and approved drawing.</li> <li>• Fix sleepers, Rails and fittings on the RH girder to make it ready to move trains on it after insertion.</li> <li>• <b>Existing LWR are to be cut and fish plate is to be provided in consultation with Engineer-in-charge at site and suitable speed restriction will be imposed by railway.</b></li> <li>• <b>De linking the track assembly including sleepers by road crane and placing it at suitable location as directed by Engineer-in-charge</b></li> <li>• <b>Removal of ballast up to formation level and excavation of formation by excavator.</b></li> <li>• The Agency shall supply, fabricate, assemble, rivet, weld, bolt and launch wherever required with contractor's rivet material, weld material, bolts, HSFG bolts,</li> </ul>	<p><b>Supplying of Restricted Height (RH) Girder (if required), Assembling of RH Girders along with fixing of sleepers, Rails and fittings on the RH girder.</b></p> <ul style="list-style-type: none"> <li>• The Firm/Agency shall arrange and assemble RH Girder at site.</li> <li>• All RH Girders must be procured and fabricated only through RDSO approved vendors for Fabrication and supply of Steel Girders.</li> <li>• Arrange and assemble cribs at site as per specified and approved drawing.</li> <li>• Fix sleepers, Rails and fittings on the RH girder to make it ready to move trains on it after insertion.</li> <li>• The Agency shall supply, fabricate, assemble, rivet, weld, bolt and launch wherever required with contractor's rivet material, weld material, bolts, HSFG bolts, service bolts of Restricted Height Girders of overall length as per the approved drawing of structural steel conforming to IS 2062 to support the B.G. Track and designed for 25 T railway loading as per relevant RDSO drawings.</li> </ul>

Stage	Existing	Revised
	<p>service bolts of Restricted Height Girders of overall length as per the approved drawing of structural steel conforming to IS 2062 to support the B.G. Track and designed for 25 T railway loading as per relevant RDSO drawings.</p> <ul style="list-style-type: none"> <li>• <b>Launching of RH girder shall be done after removing of track, ballast, excavation earth on properly prepared wooden cribs supports as per approved scheme of launching, MRIDC's approved drawings and specifications by Contractor's tools and plants, machineries, labour, equipment etc. complete. The work includes fixing of track i.e. channel sleepers and rails to MRIDC specification and standards to the RH girder and necessary adjustment in the longitudinal and cross levels after insertion of the cribs and RH girder in the track to maintain safety of trains on the RH girder and its approaches.</b></li> </ul>	
V	<p><b>Positioning of RCC Box under the track as per the drawing by Box pushing, removal of RH Girder, preparation of Ballast bed, laying and linking of track, through packing of newly laid track</b></p> <ul style="list-style-type: none"> <li>• The Agency shall position and place the RCC box by box pushing method to the line, level and alignment.</li> <li>• De-launching of relieving girder (As per RDSO approved drg) or as directed by Engineer in charge from bridge and stacking at bridge approach as per specification, and as directed by Engineer in charge of work.</li> <li>• After initial settlement of box segments, gap between box segments are to be sealed by pressure grouting with cement/epoxy mortar to make the joints leak proof. Details of such arrangements at joints shall be submitted by the contractor and shall be got approved by the Engineer-in-charge.</li> <li>• After placing RCC boxes at proper place, and de-launching of RH Girders, sand bags will be placed at the ends of the gap between RCC box segment and formation. Behind RCC boxes, back fill materials shall be provided.</li> </ul>	<p><b>Assembling of cribs, Drilling of fish holes and removing of existing Tracks, launching of RH Girders and linking of track, Positioning of RCC Box under the track as per the drawing by Box pushing, removal of RH Girder, preparation of Ballast bed, laying and linking of track, through packing of newly laid track under required traffic block.</b></p> <ul style="list-style-type: none"> <li>• <b>Existing LWR are to be cut and fish plate is to be provided in consultation with Engineer-in-charge at site and suitable speed restriction will be imposed by railway.</b></li> <li>• <b>De linking the track assembly including sleepers by road crane and placing it at suitable location as directed by Engineer-in-charge</b></li> <li>• <b>Removal of ballast up to formation level and excavation of formation by excavator.</b></li> <li>• <b>Launching of RH girder shall be done after removing of track, ballast, excavation earth on properly prepared wooden cribs supports as per approved scheme of launching, MRIDC's approved drawings and specifications</b></li> </ul>

Stage	Existing	Revised
	<ul style="list-style-type: none"> <li>After completing back fill material up to formation level, ballast is spread over it and track is placed on the ballast with the help of road crane as directed by Engineer-in-charge. The track is linked and packing is done to achieve proper gauge, cross level and alignment. After that fitness of track to be certified by MRIDC/Competent Authority.</li> </ul>	<p><b>by Contractor's tools and plants, machineries, labour, equipment etc. complete. The work includes fixing of track i.e. channel sleepers and rails to MRIDC specification and standards to the RH girder and necessary adjustment in the longitudinal and cross levels after insertion of the cribs and RH girder in the track to maintain safety of trains on the RH girder and its approaches.</b></p> <ul style="list-style-type: none"> <li>The Agency shall position and place the RCC box by box pushing method to the line, level and alignment.</li> <li>De-launching of relieving girder (As per RDSO approved drg) or as directed by Engineer in charge from bridge and stacking at bridge approach as per specification, and as directed by Engineer in charge of work.</li> <li>After initial settlement of box segments, gap between box segments are to be sealed by pressure grouting with cement/epoxy mortar to make the joints leak proof. Details of such arrangements at joints shall be submitted by the contractor and shall be got approved by the Engineer-in-charge.</li> <li>After placing RCC boxes at proper place, and de-launching of RH Girders, sand bags will be placed at the ends of the gap between RCC box segment and formation. Behind RCC boxes, back fill materials shall be provided.</li> <li>After completing back fill material up to formation level, ballast is spread over it and track is placed on the ballast with the help of road crane as directed by Engineer-in-charge. The track is linked and packing is done to achieve proper gauge, cross level and alignment. After that fitness of track to be certified by MRIDC/Competent Authority.</li> </ul>

### iii. Section 10: Time Period and Payment Schedule

#### a. Existing

Stage	Description of Deliverables	Time schedule (In days)	Payment (% fee) of contract value
3.	Supplying (if applicable), transporting and Assembling of RH Girders along with fixing of sleepers, Rails and fittings on the RH girder, <b>assembling of cribs, drilling of fish holes and removing of existing Tracks, launching of RH Girders and linking of track under traffic Block.</b> Note: The firm can claim 50% of this stage payment after completion of every 50% of the total work of this item.	D+160	5%

Stage	Description of Deliverables	Time schedule (In days)	Payment (% fee) of contract value
5.	a. Positioning of RCC Box under the track as per the drawing by Box pushing method.		
	i. After positioning 25% of the total Nos of RCC Boxes	D+190	10%
	ii. After positioning 50% of the total Nos of Boxes		
	iii. After positioning 75% of the total Nos of Boxes		
	iv. After Completion of total scope of work		
	b. Removal of RH Girder, filling of soil above the top level of RCC Box up to formation level, laying of Ballast bed as per the Technical specifications and relevant IS code, Laying and linking of BG/MG track, ballasting, through packing of newly laid track. <b>Note:</b> The firm can claim 50% of this stage payment after completion of every 50% of the total work of this item.	D+205	5%

**b. Revised**

Stage	Description of Deliverables	Time schedule (In days)	Payment (% fee) of contract value
3.	Supplying (if applicable), transporting and Assembling of RH Girders along with fixing of sleepers, Rails and fittings on the RH girder. Note: The firm can claim 50% of this stage payment after completion of every 50% of the total work of this item.	D+160	7%
5.	a. <b>Assembling of cribs, drilling of fish holes and removing of existing Tracks, launching of RH Girders and linking of track under traffic Block.</b> Positioning of RCC Box under the track as per the drawing by Box pushing method.		
	i. After positioning 25% of the total Nos of RCC Boxes	D+190	10%
	ii. After positioning 50% of the total Nos of Boxes		
	iii. After positioning 75% of the total Nos of Boxes		
	iv. After Completion of total scope of work		
	b. Removal of RH Girder, filling of soil above the top level of RCC Box up to formation level, laying of Ballast bed as per the Technical specifications and relevant IS code, Laying and linking of BG/MG track, ballasting, through packing of newly laid track. <b>Note:</b> The firm can claim 50% of this stage payment after completion of every 50% of the total work of this item.	D+205	3%

All other terms & conditions will remain unchanged. This corrigendum shall be part of Tender document.

**Sd/-**  
**Managing Director**  
**MRIDC**