



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-1

Date: 01.04.2021

Name of Work: - Construction of Road Over Bridges (ROBs) at 4 Locations i.e. Between Umred-Bhiwapur station at LC No. 33- km 1186/10 (Project CH 52735 M) & LC No. 34- km 1187/30 (Project CH 53262 M) and Between Dighori Buzurg-Itwari Station at LC No. 69- km 1234/655 (Project CH 100138 M) & LC No. 73- km 1237/64 (Project CH 103135 M) in Lieu of LC Gates on Nagbhir- Itwari section in Maharashtra area of Nagpur division.

Subject: Revision in Tender Conditions, Estimated Tender Value & Financial Bid

Ref: (i) e- Tender No.: MRIDC/PROJ/e-TENDER/ROB/2021/94

Following Corrections/Modifications/Addition shall be incorporated in Tender Document for the above cited work:

a) Revision in Conditions of Tender:

SN	Ref. Clause No.	Earlier Description	Revised Description
Section: 2 (Notice Inviting Tender)			
1	2.1	Tender Value: Rs. 67,10,98,568/-	Tender Value: Rs. 65,42,98,063/-
2	2.29 (a)	Tender Value: Rs. 67,10,98,568/-	Tender Value: Rs. 65,42,98,063/-
Section: 4 (General Conditions of Contract)			
3	4.57 (C) Price Variation during Extended Period of Contract	<p>The price adjustment as worked out above, i.e. either increase or decrease shall be applicable up to the stipulated date of completion of work including the extended period of completion where such extension has been granted under Clause 4.24.3 of the General Conditions of Contract.</p> <p>However, where extension of time has been granted due to Contractor's failure under Clause 4.24.4 of the General Conditions of Contract, no price adjustment shall be applicable for the work done during such extended period.</p>	<p>The price adjustment as worked out above, i.e. either increase or decrease shall be applicable up to the stipulated date of completion of work including the extended period of completion where such extension has been granted under Clause 4.22.3 & 4.22.4 of the General Conditions of Contract.</p> <p>However, where extension of time has been granted under Clause 4.22.5 of the General Conditions of Contract, no price adjustment shall be applicable for the work done during such extended period.</p>

SN	Ref. Clause No.	Earlier Description	Revised Description
4	7.29	<p>Providing, laying, pouring and compacting, concrete of Grade M-50 for concreting and curing Precast Girder segment of all spans (straight or curved weighing up to 72 MT) in the casting yard including provision of shear connector for secondary pour of concrete for deck continuity, bolt holes for fixation of blisters for temporary Pre-stressing, provision for future external pre-stressing arrangement, lifting the segment from the mould and shifting he same to the stacking yard as per detailed designs and drawing or as directed including centring, supply and fixing of shuttering, de-shuttering, staging, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. (BOQ Item No.31)</p> <p>The rate of item is inclusive of:</p> <ol style="list-style-type: none"> a) Platform, centring, shuttering, scaffolding and supporting system for concreting. b) Mixing, vibrating, compaction and curing of the concrete c) Chemical compound such as superplasticizer, retarder, silica fumes etc. d) Necessary transportation, handling, lifting, lowering, sliding, aligning, levelling erecting and launching of Girders to its final position from casting yard. e) UPV testing (by approved NABL) for all the segments. 	<p>Providing, Casting in yard, Transporting, Placing & Launching of Precast RCC /PSC Girders /Slabs (various grades of Concrete) with all contractor's labour, material, tools and plants including all lead and lift etc. (BOQ Item No.31)</p> <p>The rate of item is inclusive of:</p> <ol style="list-style-type: none"> a) Providing necessary arrangements for Launching of Girders along with Cranes/ Hydra of Adequate capacity as per Launching Scheme. b) Preparation and obtaining approval of launching scheme from MRIDC / Competent Authority. c) Platform, centring, shuttering, scaffolding and supporting system for concreting. d) Mixing, vibrating, compaction and curing of the concrete. e) Chemical compound such as superplasticizer, retarder, silica fumes etc. f) Necessary transportation, handling, lifting, lowering, sliding, aligning, levelling erecting and launching of Girders to its final position from

SN	Ref. Clause No.	Earlier Description	Revised Description
		<p>Notes:-</p> <ol style="list-style-type: none"> 1. Ready Mixed concrete produced from approved microprocessor controlled automatic concrete mixing & batching plant shall only be used. 2. No construction joint or cold joint will be permitted. 3. Pre-stressing strand/system and Reinforcement steel will be paid separately. 4. Precast girders shall be casted in casting yard only. No cast in situ of girder will be allowed. 	<p>casting yard.</p> <p>g) UPV testing (by approved NABL) for all the segments.</p> <p>Notes:-</p> <ol style="list-style-type: none"> 1. Ready Mixed concrete produced from approved microprocessor controlled automatic concrete mixing & batching plant shall only be used. 2. No construction joint or cold joint will be permitted. 3. Pre-stressing strand/system and Reinforcement steel will be paid separately. 4. Precast girders shall be casted in casting yard only. No cast in situ of girder will be allowed. <p>7.29.1 Providing and laying cement concrete of Grade M-50 for concreting and curing Precast PSC Girder segment of all spans (straight or curved) in the casting yard including provision of shear connector for secondary pour of concrete for deck continuity, bolt holes for fixation of blisters for temporary Pre-stressing, provision for future external pre-stressing arrangement, lifting the segment from the mould and shifting the same to the stacking yard. (Note: The cost shall be inclusive of the cost proportionate treatment for each cubic meter of concrete for having provided all infrastructure in the casting yard, gantry cranes, moulds, casting beds, mobile cranes, stores, concrete batching plant, establishing labs, cut-outs, shear keys, bulk heads, end block in situ concrete after stressing etc. where specified, all curing arrangements as required all handling etc. complete). Reinforcement steel and HTS strands (including prestressing system, anchorages, sheathing, vent pipes etc.) will be paid</p>

SN	Ref. Clause No.	Earlier Description	Revised Description
			<p>under relevant BOQ item. Rate shall include the cost of required dosage of admixture in concrete for obtaining required workability as per specification and approval of Engineer. The Rate shall also include UPV testing (by approved NABL) for all the segments.</p> <p>The rate includes,</p> <p>a) Loading, transporting precast segments from casting yard to work site, launching and erection in position with launching girder using plant and equipment and providing erecting and removing the temporary staging as necessary and required etc. complete as specified and directed by Engineer-In-Charge.</p> <p>b) providing, erecting & removal of all temporary supports, staging etc.</p> <p>c) applying epoxy-based bonding agent on end surfaces of segments after dry matching including temporary prestressing required during its curing period and positioning on bearing etc. (BOQ Item No.31.1)</p> <p>The rate of item is inclusive of:</p> <p>a) Providing necessary arrangements for Launching of Girders along with Cranes/ Hydra of Adequate capacity as per Launching Scheme.</p> <p>b) Preparation and obtaining approval of launching scheme from MRIDC / Competent Authority.</p> <p>c) Platform, centring, shuttering, scaffolding and supporting system for concreting.</p> <p>d) Mixing, vibrating, compaction and curing of the concrete.</p> <p>e) Chemical compound such as superplasticizer, retarder, silica fumes</p>

SN	Ref. Clause No.	Earlier Description	Revised Description
			<p>etc.</p> <p>f) Necessary transportation, handling, lifting, lowering, sliding, aligning, levelling erecting and launching of Girders to its final position from casting yard.</p> <p>g) UPV testing (by approved NABL) for all the segments.</p> <p>Notes:-</p> <ol style="list-style-type: none"> 1. Ready Mixed concrete produced from approved microprocessor controlled automatic concrete mixing & batching plant shall only be used. 2. No construction joint or cold joint will be permitted. 3. Pre-stressing strand/system and Reinforcement steel will be paid separately. 4. Precast girders shall be casted in casting yard only. No cast in situ of girder will be allowed. <p>7.29.2 Providing, laying, pouring, compacting, Casting and Launching M-40 grade design mixed cement concrete produced from microprocessor controlled batching and mixing plant, with Maximum aggregate size (MAS) of 20mm graded stone aggregates for RCC Precast/ PSC Girders and Precast Concrete Slabs (casting in yard) & launching of girders/slabs with all contractor's labour, material, tools and plants including all lead and lift etc. as per technical specification. (Minimum cement content per cum concrete shall be 440 kg & Maximum W/C ratio 0.35) etc. complete. (BOQ Item No.31.2)</p> <p>The rate of the item is inclusive of</p> <ol style="list-style-type: none"> a) Providing HDPE pipes for future HTS strand if any. b) Platform, centring, supply and fixing of shuttering and de shuttering,

SN	Ref. Clause No.	Earlier Description	Revised Description
			<p>scaffolding and supporting system for concreting.</p> <p>c) mixing, vibrating, compaction and curing of the concrete</p> <p>d) Chemical compound such as super plasticizer, retarder, silica fumes etc.</p> <p>e) Necessary transportation, handling, lifting, lowering, sliding, aligning, levelling erecting and launching of Girders to its final position from casting yard.</p> <p>f) Embedding of arrangement for fixing of bearings, if any.</p> <p>g) Cost of all materials, cement, labour, plants & machinery, shuttering, formwork, etc. complete.</p> <p>h) All lead and lifts</p> <p>Notes:-</p> <p>1) Ready Mixed concrete produced from approved microprocessor controlled automatic concrete mixing & batching plant shall only be used.</p> <p>2) No construction joint or cold joint will be permitted.</p> <p>3) Only Reinforcement steel & HTS strand will be paid separately.</p> <p>4) Precast RCC / PSC Girders and Precast Concrete Slabs shall be casted in casting yard only. No cast in situ of girder will be allowed.</p>

b) Revised Bill of Quantities & Financial Bid uploaded through Addendum-1 dated 01.04.2021.

Other terms & conditions of above said tender will remain unchanged. The corrigendum shall be part of the tender document.

**Sd/-
Managing Director
MRIDC**