

Dedicated Freight Corridor Corporation of India Limited (A PSU under Ministry of Railways)

Swarna Complex, 2nd Floor, Susuwahi, Post-Suwahi (Near Union Bank of India), Thana – Lanka, Varanasi - 221011 **Phone**: 0542-2570122, **Mob**.:7897412000, **E-mail**: cpmmgs@gmail.com

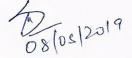
Corrigendum No. 3 Dated 08.05.2019

Tender Notice No. MGS/EN/21/2019/8 Lane ROB/Bihar/294

Name Of Work: Construction of 08 (Eight) Lane Road Over Bridge (ROB) including Approach portion over National Highways NH-2 and Dismantling of Existing Road Over Bridge at Railway Km 407/29-408/1(NH Km-941.089) as per NHAI standards between Sone Nagar-Baghabishunpur Railway Stations in Sonenagar - Garhwa section of East Central Railway in Connection with construction of Eastern Dedicated Freight Corridor and 6 Laning of NH-2.

Tenderers are advised to use Revised Technical Bid and Financial Bid Document for submitting their bid. Following changes are made in the tender document of above captioned tender and being notified through this corrigendum.

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1	Financial Bid	Sch-A-III Schedule item NS-1 at SI no.1 Erection/De-erection/Removal of Prestressed Girder on bearings with crane at site on sub structure with labour, equipment, T&P and all temporary arrangements, scaffolding etc. complete with contractors design and scheme for longitudinal launching/side slewing (with or without traffic block) approved by Engineer in charge.	Change in Description of Sch-A-III Schedule item NS-1 at Sl no.1 NS-1 Dismantling of Railway Span of ROB by specialised agency: Removal of RCC Slab, Prestressed Girder, Dismantling Abutment & Return Wall with Crane at site with labour, equipment, T&P and all temporary arrangements, scaffolding etc. complete with Contractor's design and scheme for dismantling (under power & traffic block) approved by Engineer in charge including removal of debris/releaned material as per direction of Engineer. The scope of work for this item is as per GAD of this ROB. Railway span means the span over IR/DFC track including both abutments, return walls and deck slab etc Notes:



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			(i) The Contractor shall made adequate arrangement below the girder to avoid falling of anything over the track during dismantling.
			(ii) The rate includes design and provision of all temporary work and to ensure safety of running traffic at all times. (iii) All dismantling work over IR track shall be done in minimum traffic/power block duration using high capacity machineries, tools & plants (iv) The power and traffic block shall be arranged by DFCCIL as per agreed methodology. One few occasion the block may not be granted at last hour due to unavoidable circumstances. In such case no extra payment will be made for idling of resources. (v) There shall be provision of adequte number of spare machinery in addition to actual number of required machineries in the work to avoid breakdown during Power/Traffic Block. (vi) Released material shall be properly of Contractor. The rate quoted for this item shall include the set-off for cost of dismantling material.
2	Financial Bid	Sch-B-VI Schedule item 192062 at SI no.4 (b)	Delete: Sch-B-VI Schedule item 192062 at Sl no.4 (b)
3	Financial Bid	Sch-B-VI Schedule item 192073 at Sl no.5 (b) "Pile 1000 mm diaqty 3790 m"	Delete: Sch-B-VI Schedule item 192073 at Sl no.5 (b)
4	Financial Bid	Sch-B-VI Schedule item 201010, 201011, 201014, 201015 at Sl no.11 "Providing and laying Cast in situ Prestressed (Post tensioned) concrete girder/box girder for spans up to 18.3m	Delete: Sch-B-VI Schedule item 201010, 201011, 201014, 201015 at SI no.11
5	Financial Bid	Sch-B-VI Schedule Item 201020 at SI No. 12 "Providing and laying Precast	Delete: Sch-B-VI Schedule Item 201020 at Sl No. 12

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		Prestressed (Post tensioned) concrete	
		girder/box girder for spans up to 30.5m	
6	Financial Bid	Sch-B-VI Schedule item 201040 at Sl	Delete:
		no.13	Sch-B-VI Schedule item 201040 at
		"Design, manufacturing supplying and fixing in position elestromic	
		bearing pads	
7	Financial Bid	Sch-B-VI Schedule Item 201070 at Sl	Delete:
		No. 16	Sch-B-VI Schedule Item 201070 at
		"Providing, fabricating & fixing in positionHTS Cables"	Sl No. 16
8	Financial Bid	Sch-B-VII Schedule Item 211010 at SI	Delete:
		No. 2	Sch-B-VII Schedule Item 211010 at
			Sl No. 2
9	Financial Bid	Sch-B-VIII Schedule Item 231040,	Delete:
		231041, 231042, 231043 at Sl No. 1	Sch-B-VIII Schedule Item 231040,
			231041, 231042, 231043 at Sl No.
10	Financial Bid	Sch-B-VIII Schedule Item 233011 at	1 Delete:
	Timerolar Bid	Sl No. 3(a)	Sch-B-VIII Schedule Item 233011 at
	D' I D'I		Sl No. 3(a)
11	Financial Bid	Sch-B-VIII Schedule Item 238010,	Delete:
		238014 at Sl No. 6(a)	Sch-B-VIII Schedule Item 238010, 238014 at Sl No. 6(a)
12	Financial Bid	Sch-A-I Item NS-2 at Sl No. 2	Delete the existing Qty and
		Qty: 6732.43	replace as under:
13	Financial Bid	Sch-A-I Item NS-3 at Sl No. 3	Qty: 8205.95
		Qty: 168683.63	Delete the existing Qty and replace as under:
			Qty: 210549.84
14	Financial Bid	Sch-A-I Item NS-4 at Sl No. 4	Delete the existing Qty and
		Qty: 1323.32	replace as under: Qty: 1130.15
15	Financial Bid	Sch-A-I Item NS-5 at Sl No. 5	Delete the existing Qty and
		Qty: 3631.53	replace as under:
16	Financial Bid	Sch-A-II Item NS-2 at Sl No. 2	Qty: 3949.88
10	1 manetar Bia	Qty: 2182.89	Delete the existing Qty and replace as under:
			Qty: 1667.60
17	Financial Bid	Sch-A-III Item NS-1 at SI No. 1	Delete the existing Qty and
		Rate: 1987.75 Qty: 984.64	replace as under: Rate: 7758523
		Unit: 1 cum	Qty: 1
4.5	D:		Unit: 1 Job
18	Financial Bid	Sch-A-IV Item NS-1 at Sl No. 1	Delete the existing Qty and
		Qty: 4694.85	replace as under:
19	Financial Bid	Sch-A-IV Item NS-2 at Sl No. 2	Qty: 5283.32 Delete the existing Qty and
		Qty: 4443.52	replace as under:
20	Financial Bid	Sch A IV Itom NO 2 -+ Ol N C	Qty: 5031.74
40	Financial Bid	Sch-A-IV Item NS-3 at Sl No. 3 Qty: 10071.97	Delete the existing Qty and
			replace as under: Qty: 11405.27
21	Financial Bid	Sch-B-I Schedule Item 013120 at Sl	Delete the existing Qty and
		No. 3	replace as under:
		Qty: 4688.93	Qty: 3015.87
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22	Financial Bid	Sch-B-I Schedule Item 013130 at SI No. 4 Qty: 4688.93	Delete the existing Qty and replace as under: Qty: 3009.74
23	Financial Bid	Sch-B-II Schedule Item 042013 at SI No. 2(b) Qty: 6294.37	Delete the existing Qty and replace as under: Qty: 3638.92
24	Financial Bid	Sch-B-II Schedule Item 042014 at SI No. 2(c) Qty: 4943.87	Delete the existing Qty and replace as under: Qty: 583.20
25	Financial Bid	Sch-B-II Schedule Item 042030 at SI No. 2(e) Qty: 6294.37	Delete the existing Qty and replace as under: Qty: 3638.92
26	Financial Bid	Sch-B-II Schedule Item 098022 at SI No. 5(a) Qty: 1000	Delete the existing Qty and replace as under: Qty: 500
27	Financial Bid	Sch-B-III Schedule Item 181030 at Sl No. 1 Qty: 4756	Delete the existing Qty and replace as under: Qty: 4455.91
28	Financial Bid	Sch-B-III Schedule Item 181023 at SI No. 4 Qty: 92.70	Delete the existing Qty and replace as under: Qty: 634.82
29	Financial Bid	Sch-B-VI Schedule Item 192011 at Sl No. 1 (a) Qty: 39017.68	Delete the existing Qty and replace as under: Qty: 38124.79
30	Financial Bid	Sch-B-VI Schedule Item 192030 at Sl No. 2 Qty: 331.05	Delete the existing Qty and replace as under: Qty: 337.32
31	Financial Bid	Sch-B-VI Schedule Item 192040 at Sl No. 3 Qty: 1704.96	Delete the existing Qty and replace as under: Qty: 923.52
32	Financial Bid	Sch-B-VI Schedule Item 192061 at Sl No. 4 (a) Qty: 1496.22	Delete the existing Qty and replace as under: Qty: 653.62
33	Financial Bid	Sch-B-VI Schedule Item 192063 at SI No. 4 (b) Qty: 1170.12	Delete the existing Qty and replace as under: Oty: 697
34	Financial Bid	Sch-B-VI Schedule Item 192064 at SI No. 4 (c) Qty: 1170.12	Delete the existing Qty and replace as under: Qty: 156.37
35	Financial Bid	Sch-B-VI Schedule Item 192080 at SI No. 6 Qty: 85.63	Delete the existing Qty and replace as under: Qty: 28.84
36	Financial Bid	Sch-B-VI Schedule Item 195031 at Sl No. 10 (a) Qty: 1061.76	Delete the existing Qty and replace as under: Qty: 484.73
37	Financial Bid	Sch-B-VI Schedule Item 195032 at Sl No. 10 (b) Qty: 2774.59	Delete the existing Qty and replace as under: Qty: 1016.74
38	Financial Bid	Sch-B-VI Schedule Item 195033 at Sl No. 10 (c) Qty: 1799.45	Delete the existing Qty and replace as under: Qty: 666.88
39	Financial Bid	Sch-B-VI Schedule Item 195034 at Sl No. 10 (d) Qty: 273.76	Delete the existing Qty and replace as under: Qty: 138.30

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40	Financial Bid	Sch-B-VI Schedule Item 195038 at SI No. 10 (e)	5 C-J
		Oty: 4911.85	replace as under: Qty: 8581.77
41	Financial Bid	Sch-B-VI Schedule Item 201051 at SI	Delete the existing Qty and
		No. 11 (a)	replace as under:
42	Financial Bid	Qty: 288 Sch-B-VI Schedule Item 222170 at Sl	Qty: 96 Delete the existing Qty and
		No. 13	replace as under:
40	D' 1 D'1	Qty: 640.50	Qty: 204.72
43	Financial Bid	Sch-B-VIII Schedule Item 231070 at Sl No. 1	Delete the existing Qty and replace as under:
		Qty: 1875.57	Qty: 1777.25
44	Financial Bid	Sch-B-VIII Schedule Item 233012 at	
		SI No. 2 (a)	replace as under:
45	Financial Bid	Qty: 6678.32 Sch-B-VIII Schedule Item 237050 at	Qty: 2947.12 Delete the existing Qty and
		Sl No. 4	Delete the existing Qty and replace as under:
15	D' 1 D'1	Qty: 3982.19	Qty: 4472.66
46	Financial Bid	Sch-B-VIII Schedule Item 238021 at Sl No. 5 (a)	Delete the existing Qty and
		Qty: 330.07	replace as under: Qty: 143.51
47	Financial Bid	Sch-B-VIII Schedule Item 241018 at	Delete the existing Qty and
		Sl No. 9 (a)	replace as under:
48	Financial Bid	Qty: 1732.11 Sch-B-VIII Schedule Item 242060 at	Qty: 909.26 Delete the existing Qty and
	l line in the interest of the	Sl No. 10	Delete the existing Qty and replace as under:
40	D' 11D'1	Qty: 400	Qty: 200
49	Financial Bid	Sch-C-I Schedule Item 033061 at Sl No. 1 (a)	Delete the existing Qty and
		Qty: 5484	replace as under: Qty: 3744.63
50	Financial Bid	Sch-C-II Schedule Item 045016 at Sl	Delete the existing Qty and
		No. 1 (a)	replace as under:
51	Financial Bid	Qty: 1528275	Qty: 1024759 Add:
			Sch-A-I Item NS-2 at Sl No. 2
			(C) STAGE PAYMENT
			a) Two percent (2%) payment
			may be released on approval of detailed design of complete
			RE Wall including design of
			individual compenets
			b) Thirty Percent (30%) payment
			may be released on casting of RE Panels in approved
			RE Panels in approved workshop/site on submission
			of Indenmity Bond.
			c) Balance payment will be
			released on completion of this
			item as per approved drawing and submission of Guarantee
			Bond.



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52	Financial Bid		Add:
			Sch-A-I Item NS-7 at Sl No. 7
			NS-7 Providing and laying in
			position machine mixed, machine vibrated and
			machine batched Design
			Mix Cement Concrete
			M35 grade (Cast in -Situ)
			in bottom/top slab, side
			walls, toe wall and sumps
			haunch filling head walls or any other component
			using 20 mm graded
			crushed stone aggregate
			and coarse sand of
			approved quality of cast in-situ RCC Box
			in-situ RCC Box including finishing,
			Admixture in
			recommended
			proportions (as per
			IS:9103), if approved in
			mix design, to accelerate,
			retard setting of concrete, improve workability
			without impairing
			strength and durability,
			complete as per drawings
	•		and technical
			specifications as per drawings and technical
			specifications as directed
			by Engineer in charge.
			Payment for cement,
			reinforcement and
			shuttering shall be paid extra.
53	PREAMBLE	The tenderer /JV firm or Lead Member	Delete the existing clause and
	&GENERAL	of JV firm must have satisfactorily	replace as under:
	INSTRUCTIO NSTOTENDE	completed at least one single work in	The tenderer /JV firm or Lead Member
	RERS	last three previous financial years and the current financial year upto the date	of JV firm must have satisfactorily
	Part- I,	of submission of tender, of construction	completed at least one single work in last three previous financial years and
	Chapter-III,	of any Bridge*having superstructure of	the current financial year upto the date
	Page 26 of 255	RCC or PSC or Steel on at least one	of submission of tender, of
	(Technical	span of the following works for a	construction of any Bridge*having
	Bid)	minimum value of <u>Rs. 31.025Crore</u> :	superstructure of RCC or PSC or Steel
			on at least one span for a minimum value of <u>Rs. 31.025Crore</u> :
54	General condition of	16.4(b)(iv) Deposit receipts, pay orders,	Delete the existing clause and
	Contract,	Demand Drafts and Guarantee Bonds.	replace as under: Deposit receipts, pay orders, Demand
	Part- II,	These forms of Performance	Drafts and Guarantee Bonds. These
	Chapter-I,	Guarantee could be either of the State	forms of Performance Guarantee could
	Page 41 of 255	Bank of India or of any of the Nationalized Banks;	be either of the State Bank of India or of
TE E	(Technical	rvationanzed banks;	any of the Nationalized Banks or
		,	Scheduled Banks.

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55	Bid) General	Clayer No. 46 A Laf C C C Days 1	D.L. II
	condition of Contract, Part- I, Chapter iv, Page 56 of 255 (Technical Bid)	Clause No. 46 A.1 of G.C.C Para 1 Applicability: Price variation clause (PVC) shall be applicable in those contracts where tender conditions specifically permits it and irrespective of the contract completion period. Variation in quantities shall not be taken into account for applicability of PVC in the contract.	Delete the existing clause and replace as under: Clause No. 46 A.1 of G.C.C Para 1 Applicability: Price variation clause (PVC) shall be applicable in those contracts where tender conditions specifically permits it and irrespective of the contract completion period.
56	Special condition of Contract, Part- I, Chapter-V, Page 91 of 255 (Technical Bid)	1.5.20 (e) (ii) The Bank Guarantee shall be from a Nationalised Bank in India or State Bank of India in a form acceptable to the Railways/DFCCIL.	Delete the existing clause and replace as under: The Bank Guarantee shall be from a Nationalised Bank in India or State Bank of India or Scheduled Banks in a form acceptable to the Railways/DFCCIL
57	General	Clause No. 2.1.5.1 of Technical	Delete the existing clause and
	condition of Contract,	Specification The cement consumption for other than	replace as under:
	Part- II,	design mix concrete, shall be as per North	Clause No. 2.1.5.1 of Technical
	Chapter-I, Page 96 of	Central Railway Unified Standard	Specification
	255	Schedule of Rates (Works and Materials), Engineering Department - 2010 and for	The cement consumption for other than design mix concrete, shall be as
		approved design mix concrete, the	per East Central Railway Unified
	(Technical Bid)	quantity of cement will be decided based on the approved design mix keeping in mind Minimum and Maximum cement	Standard Schedule of Rates (Works and Materials), Engineering Department - 2010 and for approved design mix
		content specified for various grades. Excess cement used will not be paid for and the decision of the Engineer in this	concrete, the quantity of cement will be decided based on the approved design mix keeping in mind Minimum
		connection shall be final and binding on	and Maximum cement content specified
		the Contractor.	for various grades. Excess cement used
			will not be paid for and the decision of the Engineer in this connection shall be
			final and binding on the Contractor.
58	PRECAUTIONS WHILE		Add Sub-Clause
	WORKING IN		3.5.4 Precaution and special
	CLOSE		condition for Dismantling of
	PROXIMITY OF EXISTING		Structure over Indian Railway Track.
	INDIAN		TACK
	RAILWAY TRACK, Part-		3.5.4.1 General
	III, Chapter-V,		In this contract, dismantling of
	Page 196 &		existing 4-lane ROB on NH-2 over
	197 of 255 (Technical		IR track has also been envisaged.
	Bid)		The dismantling of structures, specially over running Railway
			track requires special precaution
			and safety measures so as not to
		,	affect and damage running train,
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			railway assets, electric line,
			signal/telecom line and general
			public.
			3.5.4.2 GAD of Methodology A General Arrangement Drawings (GAD) for dismantling of the existing ROB shall be prepared by the Contractor as defined in the
			scope of work in Part-I, Chapter-III (iv) of Technical Bid. This GAD, inter-alia shall include the sequence
			of activity, deployment of equipment and crane, temporary
			work etc. A detailed methodology for this work shall also be submitted
			by Contractor for approval of Engineer which shall include
			sequence of activity, deployment of equipment, temporary works, deployment of manpower, traffic
			management, safety management, requirement of traffic and power
			block and other related details. The contractor is free to propose any
			methodology which requires minimum possible interface with running train and requires
			running train and requires minimum possible traffic and power block.
			3.5.4.3 General Sequence The contractor is free to propose its
			sequence of working so as to adhere the minimum requirement of traffic
			& power block, following sequence is suggested:
			General sequence of activities (i) Installation of Safety Net
			(ii) Dismantling of Wearing Coat, Kerb & Footpath Slab & shifting of the same to the
			suitable location as directed by DFCCIL.
			(iii) Dismantling of RCC Railing & Stair case & shifting of the
			same to the suitable location as directed by DFCCIL.
			(iv) Making provision of lifting hole in RCC/PSC Slab by core
L			cutting machine 100 mm

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			diameter & shifting of the same to the suitable location as directed by DFCCIL. (v) Cutting & Removal of Main/Cross Girder & shifting of the same to the suitable location as directed by DFCCIL. (vi) Dismantling of Abutment, Return Wall & Pile Cap & shifting of the same to the suitable location as directed by DFCCIL.
			3.5.4.4 Plant, Equipment, Machinery and Personnels
			Adequate plant, equipment and machinery including adequate spares shall be arranged before taking the power/traffic block so as to complete the work within allowed time frame and allowed block time. Indicative list is as below: Description of Plant, Equipment & Machinery
			3.5.4.5 Arrangement of Traffic & Power Block: After approval of GAD and
	4		approval of GAD and

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			Methodology, the contractor shall propose the date from which the dismantling activity to commence. After accepting the adequacy of deployment of resources, the DFCCIL will request Indian Railway to arrange power and traffic block. Generally the traffic and power block will be available for proposed schedule, however, the power/traffic blocks may be refused on a particular date due to other important train operational requirement. In such situation, no claim is due to contractor for idling of resources etc. 3.5.4.6 Safety Management
			The site shall be properly fenced from Railway and public site. The contractor is fully responsible for deploying and ensuring adequate safety measures at site.
			3.5.4.7 Road closure & traffic arrangement Adequate measure for road closure and traffic management shall be done by Contractor to avoid inconvenience.

Other terms and Condition in original invitation of tender will remain unchanged.

Interested applicants may download this Corrigendum from DFCCIL website www.dfccil.gov.in & www.eprocure.gov.in and download the revised Tender Documents including Technical & Financial bid documents which includes the above Corrigendum while submitting. Tenderer are also advised to see the DFCC website before submitting their applications to check for any subsequent amendment /Corrigendum issued in regard to aforesaid NIT.

(S.K. Jha)

Dy Chief Project Manager/Engg-I DFCCIL/Mughalsarai