

**Amendment No. 4 Dated 12.05.2021**

Tender Notice No.DDU-EN-RFO-DDU-322R-2020 DATE: 17.02.2021

Name of Work: Construction of Rail Flyover and its approaches on Viaducts, Formation in Embankments/Cuttings including Blanketing, Supply and Spreading of Ballast and related works for single track bi-directional electrified railway track on Item-Rate Basis for DDU B-route RFO connecting DFCCIL DDU yard with Vyasnagar station of Northern Railway and other related works such as Quarters, Water Tank, Drainage etc in connection with construction of EDFC.

Tenderers are notified about following changes in the Tender Document of above captioned tender:

S. No.	Reference in Original Tender Document		Amendment in the Tender Document
	Part / Chapter / Clause / Para No.	Page No.	
1	Technical Bid Packet- A, Part-I, Chapter III, Sub Clause 1.3.1 (iv) Scope of Work	17 of 242	<p>Delete the existing description under sub-para (iv) and replace as under:</p> <p>(iv) SCOPE OF WORK:</p> <p>EDFC alignment is passing parallel to Mughalsarai-Sonnagar section of Pt Deen Dayal Upadhyay (erstwhile Mughalsarai) Division of East Central Railway. Along this route, one Rail Fly-Over (RFO) is required to be constructed for single line (Bi-directional) track over IR and DFC tracks to avoid surface crossing of DFC tracks with IR tracks at DDU station yard. The details of this RFO has been shown in List of Drawings (Part-V of Tender Document). Along with this RFO, residential quarters, RCC water Tank, few minor bridges and road-under bridges are also required to be constructed.</p> <p>Rail Flyover, approach viaduct & formation for single line track:</p> <p>The proposed span of Rail Flyover (RFO) is having (1×76.2 m Open Web Steel Girder +1x60m Open Web Steel Girder + 1x45.7m Open Web Steel Girder + 6x24.4m composite girder) superstructure having approached on viaduct. RFO is to be constructed over the existing electrified IR and DFC tracks with least disturbance to the running trains and adhering all safety norms. RFO portion, viaduct portion and formation have to be constructed for 32.5T axle load single line IR/DFC traffic. Starting point of RFO is at DFC Ch 125.250 (RFO Ch 0.0) taking off from DFC track near Loco Shed DDU to merging point at RFO Ch 8262 near Vyasnagar Station of NR.</p> <p>(a) Rail Flyover for single line track (Bi-directional)</p> <p>Rail flyover for single line (Bi- directional) IR Track over DFC and IR track at DFC Ch 127.500 between DDU- Jeonathpur Railway Stations and also over IR track of Northern Railway. Proposed clear span of Rail Flyover ((1×76.2 m Open Web Steel Girder +1x60m Open Web Steel Girder + 1x45.7m Open Web Steel Girder + 6x24.4m composite girder)</p> <p>(b) Viaduct for single line (Bi-directional) in between and on both side of RFO</p> <p>Viaduct has been planned for single line in between and on both side of RFO from approximate Ch. 700 to Ch. 3375, Ch. 3525 to Ch 6700 and Ch 6750 to Ch 8000. Superstructure of viaduct portion is 05 cell box of 32.6m spans each suitable for 32.5T DFC Axle load and RDSO standard composite girders of 24.4/30.5 m span at suitable location as</p>



S. No.	Reference in Original Tender Document		Amendment in the Tender Document
	Part / Chapter / Clause / Para No.	Page No.	
			<p>required for crossing of structures like roads, buildings, canals, etc.</p> <p>(c) Formation in Embankments/Cuttings including blanketing Formation in Embankment/Cutting including blanketing up to approximate length of 1500m on both side of approaches.</p> <p>(d) Formation in Retaining Walls Formation in Retaining Wall including blanketing up to approximate length of 900m on both side of approaches .</p> <p>(e) Construction of Residential Quarters Construction of 62 unit Type II flats on G+2 storey or as directed by IR/DFCCIL as per approved Drawing including sanitary, woodwork and electrical works, etc.</p> <p>(f) Supply and Spreading of Ballast. Supply and spreading of approximately 18824 cum of stone ballast as per IRS-GE-1</p> <p>(g) Construction of Overhead RCC Water Tank Construction of 2 lakh Gallon RCC overhead water tank including related pumping and water supply arrangement, etc.</p> <p>The scope of work shall include but not limited to:</p> <p>(a) Construction of RCC abutments and piers for Open Web Steel Girder / Steel Composite Girder including pile/well/open foundation for Single line Bi-directional RFO over IR/DFC tracks as per IR/DFCC 32.5T Loading standard as per RDSO/DFCCIL design.</p> <p>(b) Supply, Fabrication, Erection and Launching of Open Web Steel Girder of 76.2/60/45.7m or other span as per design /drawing clear span as mentioned in GAD (with or without power and traffic power blocks, as applicable) for the RFO's.</p> <p>(c) Supply, Fabrication, Erection and Launching of Composite Steel Girder of 24.4 m and 30.5m or other spans as per design/drawing clear span as mentioned in GAD (with or without power and traffic power blocks, as applicable) for the viaduct portion of RFO.</p> <p>(d) Providing and fixing in position standard rocker/roller type and fixed type POT bearing, free sliding type POT cum PTFE bearings, as per approved drawings including designs of bearings.</p> <p>(e) Preparation of Quality Assurance Plan (QAP) for fabrication of superstructure, preparation of Temporary Arrangement Drawings (TAD), Launching Scheme, Fabrication/Detail Shop Drawings including DODLs and execution as per this QAP/Drawings and preparation of documentation for processing CRS Sanction</p> <p>(f) Preparation of Quality Assurance Plan (QAP) for sub-structure, foundation, super-structure including bearings and ensuring the execution as per this QAP,</p> <p>(g) Preparation of Quality Assurance Plan (QAP) for earthwork, blanket and concrete works and ensuring the execution as per this QAP,</p>



S. No.	Reference in Original Tender Document		Amendment in the Tender Document
	Part / Chapter / Clause / Para No.	Page No.	
			<p>(h) Construction of minor bridges and Road under bridges / Buried boxes, if required in the alignment.</p> <p>(i) Construction of approaches of RFO which includes constructing of Retaining wall, RCC slab, piers, earthwork in embankment, drain, turfing and all works related to constructing approaches complete.</p> <p>(j) Construction of formation including earthwork, supply, spreading and compaction of blanket over formation as per RDSO Guideline for IR 32.5T loading standards in about 2564 m length on both side approaches,</p> <p>(k) Supply and spreading of approximately 18824 cum of track ballast as per IR Specification (IRS GE-1)</p> <p>(l) Construction of 62 unit Type II flats on G+2 storey or as directed by IR/DFCCIL as per approved Drawing including sanitary, woodwork and electrical works, etc.</p> <p>(m) Construction of 2 lakh Gallon RCC overhead water tank including related pumping and water supply arrangement, etc.</p> <p>(n) Temporary Works: Making any temporary work to facilitate construction and for the purpose of arranging any temporary land for the working or stacking of materials of contractor at no extra cost.</p> <p>(o) Incidental Works: Safety, Health & Environment (SHE) compliances, Quality Assurance, Interface Management with other contractor, Restoration of existing roads and services other than being relocated / dislocated on account of DFC alignment during construction, management of road traffic around the worksite at no extra cost</p> <p>(p) Obtaining relevant certificates or clearances from local/civil authorities viz. permits, licenses, completion certificate, fire clearance or any other mandatory clearances which may be specified by these authorities from time to time.</p> <p>(q) Obtaining permission for Works with or without traffic block from concerned Railway authority/interfacing agencies for work in close vicinity of Indian Railway track, wherever applicable and DFCC shall assist in obtaining such permits.</p> <p>(r) Benchmarking, setting out, photography, videography, permanent markers like land boundary pillars, signages, boards etc. As-Built drawings, inspection books, registers for record & maintenance of bridges/ alignment etc.</p> <p>(s) Submission of periodical progress reports with site photos and videos, attending progress review meetings with</p>



S. No.	Reference in Original Tender Document		Amendment in the Tender Document
	Part / Chapter / Clause / Para No.	Page No.	
			<p>employer/concerned authorities</p> <p>(t) Other miscellaneous works as listed in Schedules / GCC/ SCC or as per site requirement.</p> <p>Note: The scope of work is only indicative and as per requirement, more bridges, quarters, earthwork may be added in the scope of work or location may change. The span arrangement of the bridges/viaduct is also indicative which may increase/decrease as per final approved drawing.</p>
2	Technical Bid Packet- A, Part-I, Chapter III, Sub Clause 1.3.13 (i) Eligibility Criteria	28 of 242	<p>Add a new Sub-Para (C) below Sub-Para (B) as under:</p> <p>(C): Bid Capacity:</p> <p>In this tender, the 'Eligibility Criteria' also include the 'Bid Capacity' criterion. The tenderer will be qualified only if its available bid capacity is equal to or more than the total bid value (advertised tender value) of the present tender.</p> <p>The tender/technical bid will be evaluated based on bid capacity formula detailed as under.</p> <p>The available bid capacity shall be calculated as under: Available Bid Capacity = [A x N x 2] - B Where, A = Maximum value of construction works executed and payment received in any one of the previous three financial years or the current financial year (up to date of inviting tender), taking into account the completed as well as works in progress. N= Number of years prescribed for completion of work for which bids has been invited. B = Value of existing commitments and balance amount of ongoing works with the tenderer to be completed in next 'N' years.</p> <p>Note:</p> <p>(a) The Tenderer(s) shall furnish the details of existing commitments and balance amount of ongoing works with tenderer as per the prescribed proforma of Railway for statement of all works in progress and also the works which are awarded to tenderer but yet not started upto the date of inviting of tender. In case of no works in hand, a 'NIL' statement should be furnished. This statement should be submitted duly verified by Chartered Accountant.</p> <p>(b) In case of JV, the tenderer(s) must furnish the details of existing commitments and balance amount of ongoing works with each member of JV as per the prescribed proforma of Railway for statement of all works in progress and also the works which are awarded to tenderer but yet not started upto the date of inviting of tender. In case of no works in hand, a 'NIL' statement should be furnished. This statement should be submitted duly verified by Chartered Accountant.</p> <p>(c) Value of a completed work/work in progress/work awarded but yet not started for a Member in an earlier JV shall be reckoned only to the</p>



S. No.	Reference in Original Tender Document		Amendment in the Tender Document
	Part / Chapter / Clause / Para No.	Page No.	
			<p>extent of the concerned member's share in that JV for the purpose of satisfying his/her compliance to the above mentioned bid capacity in the tender under consideration.</p> <p>(d) The arithmetic sum of individual "bid capacity" of all the members shall be taken as JV's "bid capacity".</p> <p>(e) In case, the tenderer/s failed to submit the above statement along with offer, their/his offer shall be considered as incomplete and will be rejected summarily.</p> <p>(f) The available bid capacity of tenderer shall be assessed based on the details submitted by the tenderer. In case, the available bid capacity is lesser than estimated cost of work put to tender, his offer shall not be considered even if he has been found eligible in other eligibility criteria/tender requirement.</p>
3	Technical Bid Packet- A, Part I, Chapter IV, General Conditions of Contract (GCC), Sub Clause 16.(1)	41 of 242	<p>Delete the existing description of first para of clause and replace as under:</p> <p>Security Deposit: The Security Deposit shall be 5% of the contract value. Security Deposit may be deposited by the Contractor before release of first on account bill in cash or Term Deposit Receipt issued from Nationalised / Scheduled Commercial Bank, or may be recovered at the rate of 06% of the bill amount till the full Security Deposit is recovered. Provided also that in case of defaulting Contractor, the DFCCIL may retain any amount due for payment to the Contractor on the pending "on account bills" so that the amounts so retained (including amount guaranteed through Performance Guarantee) may not exceed 8% of the total value of the contract.</p>
4	Technical Bid Packet- A, Part I, Chapter IV, General Conditions of Contract (GCC), Sub Clause 46.(1)	58 of 242	<p>Delete the existing 2nd para of Sub Clause and replace as under:</p> <p>All payments due on the Engineer's or the Engineer's representative's certificates of measurements or Engineer's certified "Contractor's authorised Engineer's measurements" shall be subject to any deductions which may be made under these presents and shall further be subject to, unless otherwise required by Clause 16 of these conditions, a retention of Six percent by way of security deposits, until the amount of security deposit including Performance Bank Guarantee and such retentions shall amount to 8% (Eight percent) of the total value of the contract provided always that the Engineer may by any certificate make any correction or modification in any previous certificate which shall have been issued by him and that the Engineer may withhold any certificate if the works or any part thereof are not being carried out to his satisfaction.</p>
5	Technical Bid Packet- A, Part I, Chapter IV, General Conditions of Contract (GCC), Sub Clause 65.4	76 of 242	<p>Delete the existing Provision and replace as under:</p> <p>65.4 The submission of tender on the online portal www.ireps.gov.in shall be done by the authorized representative of the JV Firm in the name of JV Firm and not in the name of any constituent member.</p>



S. No.	Reference in Original Tender Document		Amendment in the Tender Document				
	Part / Chapter / Clause / Para No.	Page No.	S. No.	Between Stations	Span Configuration In 'M'	GENERAL ARRANGEMENT DRAWING No.	REFERENCE DRAWINGS
6	Technical Bid Packet- A, Part-V, Drawings	241 of 242	Delete the Existing Table and Replace as under:				
			1.	DDU-Vyasnagar	(1x32.6+1x79.9+2x64+1x26.23)	RITES/IS/RCED/DFCCIL/RFO/DDU-BSB/GAD/SPAN-1X30.5+1X76.2+2X61.0	
			2.		(1x26.2+1x48.45+1x26.2)	RITES/IS/RCED/DFCCIL/RFO/DDU-BBS/GAD1X45.7	
			3.		Plan & Profile (Revised)		
			4.	Typical Drawings		Viaduct Portion	1/VD/G1/001/0 (Sheet 1 to 11)
			5.		G+2 Building	D2 AR 0002	
7	Financial Bid, Packet - B, General Information data sheet	2	Delete the existing (h) Performance Bank Guarantee and replace as under: Performance Guarantee (PG) have to be submitted within 21 (twenty one) days from the date of issue of Letter of Acceptance (LOA), amounting to three percent (3%) of the contract value in the form as given in clause 16.4 of GCC.				
8	Financial Bid, Packet - B, Sch. B - III (Item No. 3)	19	The unit of Item S No.3 (Reference Item No 031090 of USSOR 2019) shall be read as cu.cm instead of cum .				
9	Revised Date and Time of Start of Bid Submission and Bid Opening	-	Revised Date and Time of Start of Bid Submission and Bid Opening shall be read as under: (a) Start of Bid Submission: From 00.00 Hrs of 31.05.2021 up to 15.00 Hrs of 14.06.2021 (b) Bid/Tender Opening: At 15.30 Hrs on 14.06.2021				

All other Terms & Conditions in the original Tender remains same. Tenderers are advised to visit websites www.dfccil.com and www.ireps.gov.in for details.

Yours Sincerely,

(Ajit Kumar Mishra)
General Manager, DFCCIL
Pt Deen Dayal Upadhyay Nagar
(Mughalsarai)