

Response to Pre -Bid Queries

Pre -Bid Meeting held on 29.01.2021 in the office of General Manager/Co, DFCCIL, DDU

Subsequent queries through email on different dates.

Tender No. DDU-EN-RFO-DDU-322R-2020

Name of Works - 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.

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1. Response to Pre-Bid Queries received via email on 29.01.2021

S. No.	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
1.	Clause no 1.3.13 (i) A (ii)	27	The tenderer /JV firm or any Member of JV firm must have satisfactorily completed in last five (05) previous financial years and the current financial year upto the date of submission of tender, a work of Fabrication, Erection and Launching of one single span of 60m or more of steel open web girder/ plate girder/ composite girder / bow string girder for Railway/Metro Railway / Road Bridges.	"The Project has 1 span of 78.6 meters, 2 spans of 63 meters, 1 span 31.9 meters, 3 spans 25.6m and 1 span 47.24 meters. In average the span of proposed bridges has 8 spans 45.0 meters. Considering present pandemic condition due to Corona, central Government has relaxed bidders in majority of qualification criteria. The maximum span of proposed bridge is 78.6 meters, according to standard criteria of DFCCIL for Qualification, the minimum qualification shall be According to above, we kindly request you to relax the requirement of Bridge Span to 35% of 78.6 meters i.e. 27.51 Meters rounded to 30Meters.	No change. Provisions of Tender Document shall prevail.
2.	Clause no 16. (1)	41	Security Deposit:- The Earnest Money deposited by the Contractor with his tender will be retained by DFCCIL as part of security for the due and faithful fulfillment of the contract by the Contractor. The part of EMD shall be returned to Contractor's account after submission of required Performance Guarantee. 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 Nationalized / Scheduled Commercial Bank, or may be recovered at the rate of	According to this Clause The Security Deposit shall be 5% of the contract value. And according to Clause 16. (4) (b), The successful bidder shall submit the Performance Guarantee (PG) in any of the following forms, amounting to 3% of the contract value. Combining above both, the total security deposit will be 8% of the contract value. But according to this Clause 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	In case of defaulting contractor, the amount so retained, as far as this Clause of GCC is concerned, is 8% only. Please refer Amendment No.-4 Dated 27.04.2021

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			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 10% of the total value of the contract.	guaranteed through Performance Guarantee) may not exceed 10% of the total value of the contract. Hence, we kindly request you to amend the provision of this Clause as 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.	

2. Response to Pre-Bid Queries received via email on 29.01.2021

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1	1.3.13 (i) Eligibility Criteria, A - Technical Eligibility Criteria			We request you to consider the technical credentials of subsidiary company of the bidder. Same practice is being followed by RITES and in all EPC tenders floated by Indian Railways	The Technical and Financial credential/experience of the Firms part of JV shall only be considered and experience of sister or other 'Associate' firms which are not part of JV will not be considered.
2	1.3.13 (i) Eligibility Criteria, B - Financial Eligibility Criteria		The contractual payments received by the tenderer / JV firm or the arithmetic sum of contractual payments received by all the members of the JV firm in the previous three financial year and the current financial year up to the date of	As per Indian Accounting standard, audited balance sheet does not contain the information regarding the amount of contractual amount received. Hence we here request you to	Please refer the Note mentioned in the Form 2B annexed with the Tender Document which is reiterated here for ready reference:

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			submission of tender shall be at least 150% of advertised value of tender.	consider the certificate issued by Chartered Accountant. Same practice has been followed by Northern Railway such as "In case the figure of contractual payment is not directly available in Audited Balance Sheet, the CA should obtain this figure from the Audited Account based on which the Balance Sheet has been prepared". We request you to consider the same.	<i>Note: The details should be extracted from the audited balance sheet Certified by the Chartered Accountant or Form16-A issued by the Employer as per clause 1.3.13 of 'Preamble & General Instructions to Tenderers'.</i> No change. Provisions of Tender Document shall prevail.
3	GENERAL CONDITIONS OF CONTRACT- Page No 76		65.4 The tender form shall be purchased and submitted only in the name of the JV Firm and not in the name of any constituent member.	As JVs at the tendering stage are not incorporated JVs and are intended JVs specifically for the said tender, We request you to amend this clause as: "The tender form shall be purchased and submitted in the name of the JV Firm. If the JV has not been legally constituted at the time of bidding The tender form shall be purchased and submitted in the name of any constituent member of the JV".	Tendering process is now through online platform on www.ireps.gov.in so there is no need purchase the tender form. The interested tenderers are required to register themselves as per process of registration on this tendering website. Please refer Amendment No.-4 Dated 27.04.2021
4	Part-I, Chapter IV, GCC, General obligation, sub clause no 6.		Occupation and use of land	We request you to provide land acquisition status of the project, details of existing encroachments and plan for possession of entire ROW for execution of works.	Notification for acquisition of land under RAA2008 as special railway project has been published.

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5	General		Designs and Drawings	We request you to provide, approval status of designs and drawings for various structures to be executed as part of the works.	The General Arrangement Drawings for Flyover portion and viaduct portion has been uploaded on the website. The detailed designs are under preparation and will be provided to tenderers after approval.
6	GCC, Measurements, certificates and payments, sub clause no 46. (1) "On Account Payments"		The Contractor shall be entitled to be paid from time to time by way of "One-Account" payment only for such works as in the opinion of the Engineer he has executed in terms of the contract.	We request you to provide time frame for "On account payments" after submission of RA Bills. and we also request you for ease of cash flow "70% certified net payment due (after recoveries and deductions) shall be made after preliminary scrutiny and certifications by the Engineer within 10 days of receiving a statement and supporting documents subject to the condition that last interim payment certificate has been settled after detailed check". Please consider.	<ul style="list-style-type: none"> • Generally, one on-account bill for a month shall be processed. However, if required in the interest of project, more than one on-account bill in a month may also be released on discretion of Employer. • Employer will release the payment on best-effort basis within 28 days of submission of monthly on-account bill by contractor to Engineer provided all relevant documents are enclosed by contractor with bills.
7	General		Geotechnical Investigations	We request you to provide Soil investigations reports of proposed alignment. Please provide.	The soil investigation report is available in the DFCCIL DDU office which can be perused.

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8	Scope of Work(iv), (b) Viaduct for Single line, Pg no-17, agreement.		Viaduct for Single line on both sides of RFO from approximate ch.700 to 3375, ch.3525 to 6700, and ch.6750 to ch.8000. Superstructure of viaduct portion is 05cell box of 32.6m spans each suitable for 32.5T DFC Axle Load.	We understand that the length of the Viaduct is 7100m. Please confirm. Please provide the drawings of superstructure viaduct. (05 cell box portion - 32.6mts span)	Please refer the drawings uploaded with the Tender Document. Please refer Amendment No.-4 Dated 27.04.2021 for additional drawings.
9	Scope of Work(iv), (d) Formation of Retaining Wall, Pg no-17, agreement.		Formation in Retaining wall including blanketing upto approximate length of 900m on both side of approaches.	Please provide the Length of Retaining wall and drawings.	Indicative length of retaining wall has been mentioned in the Plan and Profile. The exact length with depend on the detailed design and site condition as per direction of Engineer.
10	Item Sl.No - 1, Schedule C-II, Reinforcement Steel, Bill of quantities, Data Sheet, Page no 32.		Reinforcement, shall be measured in length for different diameters used in the works and then paid as per standard weights as per IS 1732. Wastages, overlaps, coupling, welded joints, space bars, chairs and binding wire shall not be measured and cost of these items shall be deemed to be included in the rates.	We understand that authorized laps and steel required for development length will be payable. Please confirm	No change. Provisions of Tender Document shall prevail.
11	Item Sl.No -1, Schedule B-I, Formation work (Earth work), Bill of quantities, Data Sheet, Page no 13.		Earthwork in cutting(classified) in formation, trolley refuges, side drains, level crossing approaches, platforms, catch water drains, diversion of nallah& finishing to required dimension and slopes to obtain a neat appearance to standard profile inclusive of all labour ,machine & materials and removing & leading all cut spoils either to make	We understand that, the excavated material which is used for earth work filling in embankment, earth work in excavation will be payable under item Sl.no 1(011010) and filling will be payable under item sl.no 2(012010) (to the extent excavated material used in embankment	The descriptions given in the Schedule are self-explanatory. No more clarification is required at this stage.

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			<p>spoil dumps beyond 10m from cutting edge or for filling in embankment with leads within 2 km on either side of cutting edge, lifts, ascent, descent, loading, unloading, all taxes /royalty, clearance of site and all incidental charges, bailing& pumping out water, if required, etc. Complete as per directions of the Engineer-in-Charge. The work is to be executed as per latest / updated edition of Guidelines for Earthwork in Railway Projects" issued by RDSO, Lucknow. Cut trees shall be property of Railways and to be deposited in the railway go down unless specified otherwise in the Special Conditions of Contract. {Note - (i) All usable earth arising from cut spoils shall be led into bank formation and Unusable spoils shall be dumped / stacked (ii) All hard rock /and boulders not fit for filling will best asked by the contractor and will be property of the Railways.}</p>	filling). Please confirm.	
12	Item Sl. No.-6, Schedule B-1, Formation work, (Earth work and Blanketing), Bill of quantities, Data Sheet, Page no 14,		<p>Providing of Blanketing over finished formation as per latest RDSO specifications and procedures by supplying materials of approved quality, spreading in layers not exceeding in 30 cm in thickness in loose conditions and leveling by motor grader and compacting by vibrio roller of required capacity upto desired degree of compaction, finishing to correct profile with all lead and lift,</p>	<p>We understand that boulders or gravel available from excavation can be used as blanketing materials by altering to meet required technical specifications and royalty charges are "NIL" as the material obtained with in ROW of client. Please confirm.</p>	<p>As per geotechnical report, no boulder or gravel is anticipated during excavation in the work. However, if found, the decision will be taken as per Contract condition and legal provisions regarding mining.</p>

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			<p>complete in all respect to the satisfaction of the Engineer-in-Charge. Rate includes all labour, material, tolls, plants, material tools, plants, machinery, testing equipment testing charges, taxes, Royalties, Octroi etc. and all other incidental charges including compaction. Note: (i) The work shall be carried out as per RDSO Guidelines and specifications for Design of Formation for Heavy Axle Load (Report No. RDSO/2007/GE: 0014 of November, 2009) for mechanically produced blanketing material for Railway Formation. (ii) The Quality Control tests as prescribed vide RDSO/2007/ GE:0014 with up to date amendment shall be arranged at site by the Contractor, for which no separate payment will be made. (iii) The tenderer is requested to go through specifications of blanketing material as per GE-0014 RDSO specifications. The blanketing material is expected to be manufactured in quarry/ site with pug mill type blender from stone crushed material of required quality as per specification with the grading falling in the enveloping curve. The rate includes the CBR tests, Los Angels Abrasion test, Impact tests, Atterberg limits, Grain size analysis, MDD and all quality tests as per specifications to be carried as per the laid down frequency on blanketing material/ compacted finished blanket surface (iv)</p>		

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			Measurement will be made on finished profile after compaction.		
13	Technical Specifications, Part-II-Chapter-II, Clause No. 2.2.13.3, pg no-106, of agreement.		Cement content to be used in concrete works	We understand that cement coefficient/content for various grades of concrete will be finalized based on design mix and achieving characteristic strength as per codal provisions. Please confirm.	Cement content will be as per approved design mix for the different grades of concrete.
14	Scope of Work(iv), (e) Construction of Residential Quarters, pg no-17, agreement.		Construction of Residential Quarters (G+2)-62 units.	Please provide the details of residential Quarters location wise and also provide the drawing for G+2 quarters.	The typical plan/elevation is uploaded. However, actual construction will be based on the approved drawings issued by Engineer. Please refer Amendment No.-4 Dated 27.04.2021
15	Scope of Work (iv), a Construction of Rail Flyover, pg no-17, agreement.		The Span length of Open web Steel Girder (2x76.2m) and Composite Steel Girder (2x24.4m)	The Span Length of Open Web steel girder and composite steel girder are mismatching w.r.to the drawings and agreement. Please confirm.	The typical GAD with indicative span length is uploaded. However, actual construction will be based on the approved drawings issued by Engineer. Please refer Amendment No.-4 Dated 27.04.2021
16	Technical Specifications, Part- II-Chapter-III, Clause No. 2.3.14, pg no.: 122, of Agreement.		Providing MS Liners-Thickness	Please confirm the thickness of MS liners for casing of RCC Cast-in situ piles.	This will depend on the detailed design and actual bore-log profile at each pile location.

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17	General		Cast-In Situ Reinforced concrete piles diameter 1200mm dia	We understand that the diameter is 1200mm dia from the bill of Quantities, but in drawing it is 1000mm dia. Please confirm.	The Pile diameter used in the work is 1200mm. Please refer Amendment No.-4 Dated 27.04.2021
18	General		Pile layout drawing for Piers (for Viaduct, Open web Steel girders and Composite Steel Girders)	Please provide the Pile Layout drawing for the piers in Open Web Steel Girder, Composted Steel Girder and viaduct.	This will depend on the detailed design which is under approval.

3.Response to Pre-Bid Queries received via email on 29.01.2021

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1	Period of Completion			The duration of 24 months is in lesser side. Please increase the time limit i.e. 36 months	No change. Conditions of Tender Documents prevail.
2	Mobilization Advance (Clause 1.5.20 (e) at Page. No. 91			Please allow interest free mobilization advance.	No change. Conditions of Tender Documents prevail.
3	Status of Land			Please confirm the possession of Land with DFCCIL	Land acquisition is in process and expected to be completed September 2021.

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4.Response to Pre-Bid Queries received via email on 29.01.2021

S. No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
1	Sch - A-I Non-Schedule Item(Item No - NS - 1 (XIII))(PN - 4)		The block required shall be arranged by DFCCIL at the request of contractor. The duration of the blocks and speed restriction shall be as approved by Engineer. if the block granted is not made available due to unavoidable reason, nothing extra/ no compensation shall be paid.	This will incur the loss to contractor of due to idling, kindly revise the clause and specify that particular time duration of the blocks which will be provided for execution of this activity.	The demand for traffic block will be placed after ensuring readiness from the contractor and approval will be conveyed. In an unforeseen situation, if block is not allowed in the last moment, nothing extra will be paid to the contractor. No change. Conditions of Tender Documents prevail.
2	Sch - A-II Non-Schedule Item(Item No - NS - 1)(PN - 5)		Supplying, stacking, spreading in 200 mm (compacted thickness) and compacting with about 04 passes of 10-12 ton capacity roller, machine crushed track Ballast as per specifications in RDSO IRS-GE-1, June' 2004 with up to date correction slips, if any, and from approved quarry/source, Stacking in trapezoidal shape as per standard profile- complete in all respect. The rate includes levelling/surface preparation of track-bed /stacking-ground, transportation, taxes, royalties etc. with all contractor's labour, fuel, consumables, materials, lead and lift, loading, unloading, tools & plants as a complete job and as per direction of Engineer.	Bidders understand that sufficient land available for stacking of ballast nearby project alignment. Kindly confirm. Further kindly furnish average lead of available land for stacking from alignment.	Only for the ballast which is required to kept in stacks, shall be stacked on the identified DFCCIL/Railway land. For any interim handling of ballast, if land available with DFCCIL the same may be given but non-availability of such free land shall not be any basis for delay or extra-expense claim.

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3	Sch - A-III Non-Schedule Item (Item No - NS - 1) (PN - 6)		Reinforced Cement Concrete M-30 / M-35 / M-40 grade for RCC deck slab on Steel 'I' girder cast-in-situ, using controlled concrete by weigh batching / using RMC at any height above ground level as per design with contractor's materials, admixture, providing and removing steel shuttering, centring, staging, scaffolding, supports, all labour, tools, plant & machinery, curing, transportation and handling of all lead and lift, taxes, royalties etc complete in all respect and as per direction of Engineer including leaving necessary reinforcement rods for providing parapet, cable duct as per approved drawings and RDSO standard drawings & specifications, as directed by Engineer in-charge but excluding cost of cement & reinforcement steel {cost of cement & steel will be paid as per items under respective schedule items}	Kindly furnish the specific grade of concrete for the mentioned work.	The grade of concrete will be as per approved detailed design.
4	Sch - B - I (Item No - 011011, 012010) (PN - 12) Sch - B - III (Item No - 013120) (PN - 21)		Tree Cutting & clearances	Kindly clarify if any forest/ tree cutting clearance is required. We understand that forest clearance/ tree cutting approvals if required will be under client's scope.	Forest and Tree cutting approval will be processed by DFCCIL.

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5	Sch - B - II (Item No - 022040) (PN - 15)		Providing and laying in position machine batched, machine mixed and machine vibrated Design Mix Cement Concrete of specified grade (Cast in- Situ) using 20mm graded crushed stone aggregate and coarse sand of approved quality in RCC raft foundation & Pile cap including finishing, using Admixtures in approved proportions (as per IS:9103), to modify workability & other properties without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Payment for cement, reinforcement and shuttering shall be	Kindly furnish the grade of concrete. We understand that "Payment for cement, reinforcement, shuttering shall be paid extra." Kindly confirm.	The grade of concrete will be as per approved detailed design. Payment for cement, reinforcement, shuttering shall be paid extra as per the description of the relevant items.
6	Sch - B - II (Item No - 022050) (PN - 15,16)		Providing and laying in position machine batched, machine mixed and machine vibrated Design Mix Cement Concrete of specified grade (Cast in- Situ) using 20mm graded crushed stone aggregate and coarse sand of approved quality for the following Reinforced cement concrete structural elements up to height of 10 m from foundation top level, including finishing, using Admixtures in approved proportions (as per IS:9103), to modify workability & other properties without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Payment for cement, reinforcement, shuttering shall be paid extra.	Kindly furnish the grade of concrete.	The grade of concrete will be as per approved detailed design.

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7	Sch - B - II (Item No - 022051 (PN - 15,16)		Abutment & Pier	Kindly furnish the grade of concrete.	
8	Sch - B - II (Item No - 022053 (PN - 15,16)		Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier cap, Fender wall, Diaphragm wall etc.	Kindly furnish the grade of concrete.	
9	Sch - B - III (Item No -031090) (PN - 19)		Design, manufacturing, supplying and fixing in position elastomeric bearing true to line and level conforming to IS:3400, IS:226, BS-5400 under prestressed concrete girders/ Steel Girders, for Pre-cast as well as cast-in-situ girders as per approved drawing. The rate shall include cost of load test of one no. bearing from Railway approved firms and all fixing materials, equipment's, machineries, labour, taxes, loading, unloading, leading, lifting etc. complete. Rates include getting the drawing approved from Railway and cost of inspection during manufacturing from railway approved organization. (Note : 1. The rate is for finished item complete and paid only after fixing imposition below the girder. 2. The volume shall be given in the drawing and no deduction shall be made for inserted steel plates etc.)	Bidder request you to kindly recheck the unit of this item.	Please refer Amendment No.-4 Dated 27.04.2021
10	Sch - B - IV (Item No -041010) (PN - 22)		Providing and laying in position M 30 and M25 Grade concrete for reinforced concrete structural elements but excluding cost of	Kindly furnish the specific grade of concrete. Bidders understand that the cost of cement, shuttering, centering, reinforcement & admixtures will be paid	The grade of concrete will be as per approved detailed design.

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			centering, shuttering, reinforcement and Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge.	extra for this item.	Payment for cement, reinforcement, shuttering shall be paid extra as per the description of the relevant items.
11	Sch - B - IV (Item No -051030, 051031) (PN - 22)		Brick work with machine moulded perforated bricks of class designation 12.5 conforming to IS:2222-1991 in superstructure from beyond plinth level upto 6m above plinth level in cement mortar 1:6 (1 cement : 6 coarse sand)	Bidders understand that cement will be paid extra for this item. Kindly confirm.	Unless mentioned otherwise in the description of item, cement is payable extra for Schedule B-IV items
12			Land acquisition/ROW	Kindly clarify the status of Land acquisition where work has to be carried out. Kindly furnish the schedule for progressive handing over of site and the access Dates.	Land acquisition is in process and expected to be completed by September'21.
13	Cl. 2.5.51 - Chapter V, Technical Specifications P.No.162 of 242		Land: DFCCIL will at its discretion, and if available, arrange land free for use for contractor's office at sites, field workshop, stores, assembly and erection yard.	Identification of fabrication yard & land for site office, and initiating lease process, will consume a lot of time from the initial mobilization period. So, the Bidder requests to provide land for Erection yard near to project site for the duration of project without any charges.	If land is available with DFCCIL the same may be given but non-availability of such free land shall not be any basis for delay or extra-expense claim. If such free land is not available at particular locations, contractor shall arrange the same at his own expense.
14	General		Utility diversion	We understand that all the utility diversion work will be	The utility diversion is being done by the DFCCIL

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				under client scope, kindly confirm.	separately. If contractor is asked to do, payment may be done as per USSOR/standard rate/mutually agreed rate in consultation with utility owner.
15	General		Borehole layout	We request you to kindly furnish Geotechnical investigation report.	The details are available in CGM office and can be obtained.
16	General		KMZ files of alignment	Kindly provide the KMZ file of alignment	The details are available in CGM office and can be obtained.
17	General		Depth of Pile	Kindly indicate the average depth of pile.	It will be provided after detail design.
18	PART V DRAWINGS		The Reference Drawings are standard drawings issued by RDSO/DFCCIL. The tenderer shall scrutinize these drawings before tendering and procure a copy of these drawings for use.	Only GAD & Plan profile drawing attached with tender. We request you to kindly provide other drawings of Rail flyover, Viaduct, Retaining wall, Minor bridge, Open web steel Girder etc. (Drawings Such as structural drawings of Pile, Pile cap, Pier & Pier cap, GAD, cross sectional and elevation drawings of viaduct portion of the project).	Additional drawings have been uploaded. Please refer Amendment No.-4 Dated 27.04.2021
19			Building Location Plan	Kindly furnish GFC drawings & location plans for the staff quarters to be constructed.	Additional drawings have been uploaded. Please refer Amendment No.-4 Dated 27.04.2021
20	A1 NS 2 Note (iii)		40% of rate payment shall be made after Steel material required for fabrication (as per drawing) is received at site	We understand that fabrication yard will be treated as a site for this stage of payment. Kindly confirm.	The fabrication yard duly approved by DFCCIL can be considered as site for this purpose.

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21	GCC Cl. 46.(1)		All payments due on the Engineer's or the Engineer's representative's certificates of measurements or Engineer's certified "Contractor's authorized 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 ten percent by way of security deposits, until the amount of security deposit by way of retained earnest money and such retentions shall amount to 10% 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.	Since payment for most of the items executed are being in stages, request you to kindly withdraw the retention clause as this will result in negative cash flow.	Please refer Amendment No.-4 Dated 27.04.2021
22	Item no. 12010		Earthwork in filling in embankment , guide bunds, around buried type abutments, bridge gaps, trolley refuges, rain bunds, if provided, platforms etc. with earth, suitable for embankment as per RDSO latest Specifications and guidelines GE: G-14 of Soil Quality Class SQ2, excavated from outside railway boundary entirely arranged by the contractor at his own cost including all leads, lifts, ascents, descents, crossing of nallahs or any other obstructions. The item shall	Bidder requests you to kindly delete the note for this item. Kindly furnish the specific thickness of SQ2 type of soil.	No change. Conditions of Tender Documents prevail.

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			include demarcation and setting out of profile, site clearance, removing of shrubs, roots of vegetations growth, heavy grass, benching of existing slope of old bank, all handling /re-handling, spreading in layers with motor grader, bringing the moisture content to OMC, mechanical compaction to specified density and dressing of bank to final profile as a complete job. The payment shall be made as per finished profile and the rate shall include all costs including taxes, octroi, royalty etc. except for mechanical compaction which shall be paid extra under relevant item. Cut trees shall be property of railways and to be deposited in the railway godown unless specified otherwise in the Note: Payment under this item shall be made only upto the thickness as approved by Engineer-in-Charge. Any additional thickness executed shall be paid under the item of Earthwork in filling in embankment for Soil Quality Class SQ1.		
23	General		Drawing of Rocker bearing	Kindly provide the detailed drawing of rocker bearing	The girders used are as per Standard RDSO design and the design of bearing as per the this standard design to be used.
24	General		Drawing of Roller bearing	Kindly provide the detailed drawing of roller bearing	The girders used are as per Standard RDSO design and the design of bearing as per

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					the this standard design to be used.
25	Schdl C-II, Note - (VI)		Stage payment in all such cases not be more than 75% of the rate of steel awarded in the contract. The balance payment shall be released only after the material is actually consumed in the work.	We requested to you kindly modify the advance payment to 100% for supply of steel & cement.	No change. Conditions of Tender Documents prevails.
26	General			Kindly indicate the schedule containing I-girder qty for viaduct.	
27	Part (iv) Chapter-I Cl 4.1.2		Supply and Fabrication of steel superstructure of RFO D + 30 to D + 240 days	Request you to kindly accept following, D+120 to D+360	No change. Conditions of Tender Documents prevails.
28	Part (iv) Chapter-I Cl 4.1.3		Launching of RFO Girder, Painting and final finish of RFO D + 240 to D+ 360 days	Since work is to be done in the timeline-launching of RFO girder looks very stringent, request you to kindly accept following, D+260 to D+380	
29	Part (iv) Chapter-I Cl 4.1.4		Construction of Quarters including internal and external works D + 45 to D + 225days	Request you to kindly accept following, D+180 to D+480	
30	Part (iv) Chapter-I Cl 4.1.5		Construction of RCC Overhead Water Tank D + 45 to D + 270 days	Request you to kindly accept following, D+480 to D+660	
31	Part (iv) Chapter-I Cl 4.1.7		Construction of substructure (Abutments / Piers) of RFO D + 120 to D + 180 days	Request you to kindly accept following, D+180 to D+360	

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5. Response to Pre-Bid Queries received via email on 29.01.2021

S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
1	Item no. 022092 of USSOR 2019 at sl. no. 4(a) of Annexure of Schedule B-II of BOQ AND GAD nos. RITES/IS/RCED/DFCCI L/ RFO/DDU-BBS/GAD 1x45.7m & RITES/IS/RCED/DFCCI L/RFO/DDU-BSB/GAD/ SPAN 1x30.5m+1x76.2m+ 2x61.0 m		Providing driving and installing Bored cast in situ Reinforced Cement Concrete piles using Hydraulic piling Rig of specified diameter and length below pile cap of specified grade Design Mix Cement Concrete, 20mm grade excluding the Payment for using pile cap mud mat cement permanent casing pipe (if any) & reinforcement shall be paid extra. 1200mm diameter	<p>(i)The diameter of piles as shown the GADS is 1000mm, whereas, the relevant BOQ item is for 1200mm dis piles which contradicts each other. Request to clarify and confirm the actual diameter of piles.</p> <p>(ii)The quantity of BOQ for piles is 20076 M, which seems to be quite absurd considering the scope of piling work as shown in the GADs, where piles are only shown in the Rail Flyover portions. Please review correctness of pile quantity in BOQ and/or specify the further scope of piling work to justify the BOQ quantity of piles.</p>	<p>(i) Diameter of Pile- 1200mm</p> <p>(ii)No change. Conditions of tender document prevails.</p>
2	Scope of Work, 1.3.1 (iv) of Chapter-III of Part-I(Preamble & General instructions to Tenderer) of Technical Bid Page No 17 of 242 AND GAD nos. RITES/IS/RCED/DFCCI L/ RFO/DDU-BBS/GAD 1x45.7m & RITES/IS/RCED/DFCCI L/RFO/DDU-BSB/GAD/ SPAN 1x30.5m+1x76.2m 2x61.0 m		Proposed span of Rail Flyover (RFO) is having (2x76.2 m Open Web Steel Girder - 2x24.4m 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 FOR portion, conduct portion and formation have launching work of the said spans 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 ar RFO CH 8262 near Vyasnagar	<p>(i)the span configurations mentioned under Scope of Work. Please confirm the actual span configurations are in scope</p> <p>(ii)Please also provide the relevant RDSO standard drawings for all the girders in scope Including bearings for proper assessment of cost for fabrication and erection/ launching work of the said spans.</p>	<p>(i) Please refer GAD uploaded for span arrangement.</p> <p>(ii) Relevant RDSO drawings for DFCC loading has been mentioned in the GAD</p>

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S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
			Station of NR		
3	Scope of Work, 1.3.1 (iv)(b) of Chapter-III of Part-I, (Preamble & General Instruction to Tenderer) Technical Bid Pg. No. 17 of 242 AND GAD nos. RITES/IS/RCED/DFCCI L/ RFO/DDU-BBS/GAD 1x45.7m & RITES/IS/RCED/DFCCI L/RFO/DDU-BSB/GAD/ SPAN 1x30.5m+1x76.2m + 2x61.0 m		Viaduct for single line on () The type of structures in viaduct both side of RFO from 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.	(i)The type of structures in viaduct portion of the RFO is mentioned as 05 cell box of 32.6m spans, which contradicts with the spans shown in GADS for viaduct (adjacent to Rail Flyover portions), which is 24.4m steel composite girders. Please clarify actual type of structures considered in scope for clarity. (ii)If 05 cell box of 32 om spans are considered in the viaducts, please provide typical drawings for the same for proper estimation, Please also specify whether such boxes are on pile foundations or not.	Typical drawings for 05 cell box of 32.6m spans each suitable for 32.5T DFC Axle load for the Viaduct is being uploaded. Please refer Amendment No.-4 Dated 27.04.2021
4	Scope of Work, 1.3.1 (iv) (d) of Chapter-III of Part-I, (Preamble & approximate Ch. 700 to Ch General instructions to Tenderer of Technical Bid Pee No 17 of 242		Formation in Retaining Wall including blanketing up to approximate length of 900m on both side of approaches	Requested to provide typical drawing(s) of Retaining Walls for estimation purpose	The tentative design has been uploaded. The detail design will be provide in course of execution.

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S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
5	Scope of Work, 1.3.1 (iv) (e) of Chapter-III of Part-I, (Preamble & approximate Ch. 700 to Ch General instructions to Tenderer of Technical Bid Pee No 17 of 242		Construction of Residential Quarters Construction of 62 unit flats on G-2 story as per Drawing including sanitary, woodwork and electrical works	Requested to provide a typical drawing of Residential Quarter in scope for proper estimation purpose	The tentative design has been uploaded. The detail design will be provide in course of execution.
6	Scope of Work, 1.3.1 (iv) (g) of Chapter-III of Part-I, (Preamble & approximate Ch. 700 to Ch General instructions to Tenderer of Technical Bid Pg. No 17 of 242		Construction of RCC Overhead Water Tank of capacity af 2 Lakh Gallon or as per design including pump and water supply piping.	Requested to provide a typical drawing of RCC Overhead Water Tank for estimation purpose.	The tentative design has been uploaded. The detail design will be provide in course of execution.
7	Scope of Work, 1.3.1 (iv) (h) of Chapter-III of Part-I(Preamble & General instructions to Tender) of Technical Bid, Page No 18 of 242		Tender Stipulations Construction of 03 (three) minor bridges and 01(one) Road under/ buried boxes in the alignment.	Requested to provide typical drawings of minor bride and Road under out in Scope with proposed Chainage for estimate purpose.	The tentative design has been uploaded. The detail design will be provide in course of execution.
8	1.5. 20 (e) (i) of Chapter-V Part-I of SCC Page 92 of 242		The advances shall carry an interest Percent of 10% (Ten Percent).	Request to consider interest free advances on production of unconditional bank guarantee counting to 110% of the advance amount.	No change. Conditions of Tender Documents prevails.
9	46 (1)of Chapter-IV,Part-I i.e. General Conditions of Contract (GCC) of Technical Bid Page No 58 of 242 AND General information /Data Sheet, Chapter-II . Part-I of	and which retention shall amount to 10 of the total Hence request you to confirm the value of the contract..... AND Security Deposit -5% of Contract Value	The clauses contradict each other maximum amount of security deposit/ retention money as 5% of total contract value.	Please refer Amendment No.-4 Dated 27.04.2021

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S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
	Technical Bid Page No 11 of 242				
10	Land for Setting up Site establishment		-----	We presume that within that Suitable land nearby proposed Diet tea per the requirement for set up the establishment of Contractor will be provided free of cost For carrying out the construction work throughout the contract duration.	If land available with DFCCIL the same may be given. If not at particular locations, contractor shall arrange the same.
11	Handing over of Site		-----	We presume that the proposed site will be handed over to the Contractor immediately on award of the project free from all encumbrances for smooth utilization and commencement. of work	Govt land is available for work. For private land it is in preliminary stage.

6. Response to Pre-Bid Queries received via email on 29.01.2021

S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
1	Technical document Scope of work clause iv - a & b	-	(a) Rail Flyover for single line track (Bi directional) 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 (2x76.2 m Open Web Steel	The chainages mentioned in the scope of work in the technical document are not congruent with the chainages of GAD drawing of the Railway flyover. Kindly clarify and provide correct chainages.	Chainage mentioned in the scope is tentative.

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S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
			<p>Girder + 2x24.4m composite girder)</p> <p>(b) Viaduct for single line (Bi-directional) on both side of RFO</p> <p>Viaduct for single line 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.</p>		
2	Technical document Scope of work clause iv - b	-	Viaduct for single line 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.	Please provide the 5-cell box viaduct drawing.	Typical drawings for 05 cell box of 32.6m spans each suitable for 32.5T DFC Axle load for the Viaduct is being uploaded.
3	Technical document Scope of work clause iv - b	-	Viaduct for single line on both side of RFO from approximate Ch. 700 to Ch. 3375, Ch. 3525 to Ch 5700 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.	Please provide the details of structure between Ch. 3375 to Ch. 3525, Ch. 6700 to Ch. 6750	The tentative design has been uploaded. The detail design will be provide in course of execution.
4	Technical document Scope of work clause iv - e	-	Construction of 62-unit flats of G+2 storey as per Drawing including sanitary, woodwork and electrical works	Please specify the type of quarters of G+2 storey building to be constructed and provide reference drawings along with specifications to enable bidder to quote for this portion of work.	The tentative design has been uploaded. The detail design will be provide in course of execution.
5	Technical document Scope of work clause iv - g	-	Construction of RCC Overhead Water Tank (OHT) of capacity of 2 Lakh Gallon or as per design including pump and water supply piping	Please provide the drawing of the RCC OHT, capacity, specification & make of the pump and Arrangement drawings of piping and auxiliary equipment etc. for	The tentative design has been uploaded. The detail design will be provide in course of execution.

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S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
				better understanding	
6	Technical document Clause-1.5.9	-	Traffic Blocks / Power Blocks / Shut Down	Please specify the maximum duration of power block which can be permitted in a single slot to formulate the work program.	The maximum duration of power and traffic block in 3 hrs. However, the number and duration of traffic/blocks will depend upon the launching scheme and the scheme requiring minimum number of blocks of maximum 3 hrs will be accepted.
7	Technical document Clause-1.5.20-e-(i)	-	The advances shall carry an interest of 10% (Ten Percent).	Request you to please consider an interest free Mobilization and Plant & Machinery advances against acceptable Bank Guarantee from a scheduled commercial bank in India.	No change. Conditions of Tender Documents prevails.
8	Technical document Clause-46A.2	-	46A.2 Base month: The base month for the "Price Variation Clause shall be taken as month 28 days prior to opening of tender including extensions, if any, unless otherwise stated elsewhere. The quarter of applicability of PVC shall commence from the month following the month of opening of tender. The price variation shall be based on the average price Index of the quarter under consideration	As the clause 46A.2 specifies that date of opening of tender can be extended after submission of bid, It is requested that base month for the price variation clause shall be taken as month 28 days prior to the submission date of tender, instead of opening date of tender.	No change. Conditions of Tender Documents prevails.
9	Technical document Clause-46A.3(a)	-	46A.3 Validity: Rates accepted by DFCCIL shall hold good till completion of work and no additional individual claim shall be admissible except:	Please clarify the reimbursement procedure, if any tax/cess imposed by the law other than GST increases during the project duration	Any additional tax/cess imposed or increased after bid submission date will be paid separately on production of relevant rules

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S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
			(a) Payment/recovery for increase/decrease in GST on works contract or imposition/removal of any tax/cess on Works Contract as per Clause 37		and documents.
10	BOQ	-	Schedule "C-II" and Sch-A-I	As we are aware that the current steel prices are very high in comparison to previous price trends. Kindly confirm whether the estimated rates of the items related to steel (i.e., reinforcement steel and structural steel) shown in the Schedule "C - 11 and Sch - A-I are calculated based on the current steel price. If not, then will DFCCIL compensate the price variation of steel during the execution period?	Price Variation Clause has been incorporated in the Tender Document. Please refer Clause 46 of GCC.
11	NIT (Notice Inviting E-Tender) Clause 1.1.1	-	Period of Completion - 24 months	The alignment is one of the busiest routes of the Indian railway and most of the work has to be done adjacent to the station and over a running railway line. The Project duration of 24 months seems very limited. We request you to please consider additional 6 months in the project duration i.e., 30 months completion period.	No change. Conditions of Tender Documents prevails.
12	General	-	KMZ file	Kindly Provide KMZ file for better understanding of the requirement in the alignment.	It can be seen from the CGM office.

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7. Response to Pre-Bid Queries received via email on 31.01.2021

S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
1	-	-	-	Due to the ongoing pandemic and limitations imposed in free movement of our team, we would request you to extend the project bid due date by at least 30 days from the present due date of 26.02.2021.	Please refer Amendment No.-4 Dated 27.04.2021

8. Response to Pre-Bid Queries received via email on 06.02.2021

S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
1	-	-	-	As per tender document Proposed dear span of Rail Flyover (2 x 762 m Open Web Steel Girder + 224.4m composite girder) which does not match with GAD, kindly clarify if the span arrangement will be as per tender or as per GAD	The span arrangement has been mentioned in the GAD.
2	-	-	-	In case we have to follow the span arrangement mentioned in the tender, kindly provide the GAD for the same.	The span arrangement has been mentioned in the GAD.
3	-	-	-	It has been mentioned in the tender document that there are 05 cell box of 32.6m spans at Ch 700 to Ch 3375, Ch 3525 to Ch 6700 and Ch 6750 to Ch 8000. As per our understanding, the whole length between all the three chainages will comprise of 32.6m box spans. Kindly confirm the same.	This is as per approved Plant & Profile.
4	-	-	-	Kindly provide the GAD of 32.6m box spans at Ch 700 to Ch 3375, Ch 3525 to Ch 6700 and Ch 6750 to Ch 8000 as it is not available in the tender document and comprises the majority of the	Additional Drawings have been uploaded. Please refer Amendment No.-4

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S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
				quantum of work.	Dated 27.04.2021
5	-	-	-	In has been mentioned in the tender document that we have to construct 62 unit flats of G 2 story as per drawing, but the drawing in not available in the tender document. Kindly provide the same.	The tentative design has been uploaded. The detail design will be provide in course of execution.
6	-	-	-	Kindly provide drawings for the Construction of RCC Overhead Water Tank	The tentative design has been uploaded. The detail design will be provide in course of execution.

9. Response to Pre-Bid Queries received via email on 17.03.2021

S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
1	1.3.13 (i) Eligibility Criteria: Technical Eligibility Requirement A (i)	27	The tenderer /JV firm or Lead Member of JV firm must have satisfactorily completed at least one single work in last five (05) previous financial years and the current financial year upto the date of submission of tender, of construction of Bridge/Viaduct of Railway/Metro Railway/Roads of value Rs. 104 Crores (Rs One Hundred	We understand that, construction of viaduct of flyover structure having value of Rs 104 Crores (Rs. One Hundred Four Crores only) (excluding cost of approach and embankment) in 4-lane NH work will also be considered for qualification.	No further clarification required. The tender conditions are amply clear.

			and Four Crores) or more (excluding cost of approach embankment)		
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10. Response to Pre-Bid Queries received via email on 17.04.2021

S.No	Clause No	Page No	Tender Clause	Bidders Query	DFCCIL Response
1	PART-I Chapter- III PREAMBLE & GENERAL INSTRUCTIONS TO TENDERERS 1.3.6.2 (d)	25	Power of attorney duly registered / notarized by the company (backed by the resolution of Board of Directors) in favour of the individual, signing the tender on behalf of company.	Since we are bidding as a sole bidder for this project, POA format for sole bidder is not provided in the documents. Kindly clarify, whether we have to submit the General POA.	The tender conditions are amply clear. No specific form is required for this Power of Attorney. A general Power of attorney duly registered / notarized by the company (backed by the resolution of Board of Directors) in favour of the individual, signing the tender on behalf of company is sufficient.

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