



PREQUALIFICATION DOCUMENTS FOR

DESIGN AND CONSTRUCTION OF CIVIL, BUILDING AND TRACK WORKS FOR DOUBLE LINE RAILWAY INVOLVING FORMATION IN EMBANKMENTS/CUTTINGS, BRIDGES, STRUCTURES, BUILDINGS, BALLAST ON FORMATION, TRACK WORKS INCLUDING TESTING AND COMMISSIONING ON DESIGN-BUILD LUMP SUM PRICE BASIS FOR REWARI – IKBALGARH SECTION OF WESTERN DEDICATED FREIGHT CORRIDOR

CIVIL, BUILDING AND TRACK WORKS CONTRACT PACKAGES

CONTRACT PACKAGE 1 AND PACKAGE 2

Issued on: 18th November, 2011

Invitation for Prequalification No: 2010/WC/Ph.I/PQ
ICB Nos. CT P-1 and CT P-2

Employer:
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA
LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

MINISTRY OF RAILWAYS

INDIA

Table of Contents

Invitation for Prequalification (IFP)

An “Invitation for Prequalification” form is provided at the beginning of the Prequalification Documents for information and for approval/consent. This volume will not be involved in the PQ Document when announcement.

PART 1. PREQUALIFICATION PROCEDURES

Section I. Instructions to Applicants (ITA)

This Section specifies the procedures to be followed by Applicants in the preparation and submission of their Applications for Prequalification (AFPs). Information is also provided on opening and evaluation of AFPs. **Section I contains provisions that are to be used without modification.**

Section II. Prequalification Data Sheet (PDS)

This Section consists of provisions that are specific to this prequalification and supplement the information or requirements included in Section I, Instructions to Applicants.

Section III. Qualification Criteria and Requirements

This Section contains the methods, criteria, and requirements to be used to determine how Applicants shall be prequalified and later invited to bid.

Section IV. Application Forms

This Section contains the Application Submission Form and all the forms required to be submitted with the application.

Section V. List of Eligible Countries of Japanese ODA Loans

This Section contains information in respect of eligible countries under Japanese ODA Loans.

PART 2. WORKS REQUIREMENTS

Section VI. Scope of Works

This Section includes a summary description, delivery and completion schedules, technical specifications and index plans/site photos of the Works subject of this prequalification.

Annexure 1: Evaluation Criteria

Annexure 2: General Location Map

Annexure 3: Site Photos

Frequently Asked Questions and Client's Clarifications

PART 1 – Prequalification Procedures

Invitation for Prequalification (IFP)

18th November, 2011

Country: INDIA

Loan Agreement No. : ID-P209

DEDICATED FREIGHT CORRIDOR PROJECT (WESTERN CORRIDOR PHASE-1) Design Build Lump Sum Contract

for

Civil, Building and Track Works Packages 1 and Package 2

Invitation for Prequalification No: 2010/WC/Ph.I/PQ
ICB Nos. CT P-1 and CT P-2

1. The President of India has received a Loan from Japan International Cooperation Agency toward the cost of the **DEDICATED FREIGHT CORRIDOR PROJECT (WESTERN CORRIDOR PHASE-1)** signed on 31 March 2010. It is intended that part of the proceeds of this Loan will be applied to eligible payments for which this Invitation for Prequalification is issued. Bidding will be governed by JICA's eligibility rules and procedures.
2. The Dedicated Freight Corridor of India Limited (DFCCIL) (hereinafter referred to as "the Employer") intends to prequalify contractors and/or firms for Civil, Building and Track Works Contract Packages 1 and Package 2.

It is intended to first carryout work between Ikalgarh and Rewari in a length of 625 km of Phase 1 of the Western Dedicated Freight Corridor, between Vadodara and Rewari out of the total length of 922km and is to be constructed as double line electrified track with 2 x 25 kV AC, 50 Hz, overhead catenary system, capable of operating at a maximum train speed of 100km/h with an initial axle load of 25.0 tonnes. Formation and bridge structure are to be provided for 32.5 tonnes axle load and track structure for 25 tonnes axle load.

Ikalgarh – Rewari stretch is located along Palanpur – Phulera and Phulera – Rewari lines of North Western Railway. Detour is planned at Phulera city for around 7 km length. The proposed alignment between Ikalgarh - Rewari is located on east side of existing IR. The proposed alignment of DFC is passing generally parallel to the existing IR network between Ikalgarh and Rewari. The alignment of DFC is taking detour to avoid city congestion at Phulera. Almost 90% of the proposed DFC alignment is passing parallel to existing IR network and 10% of the alignment is passing through detours.

The Contractor shall undertake the design, construction, manufacture, supply, installation, testing and commissioning of the Civil, Structures, Buildings and Track works including and without limitation, the design, construction and removal of any Temporary Works.

Major Structural Features with approximate details are tabulated below at present

Structure	Package-1: 283 km (Rewari – Ajmer)	Package-2: 342 km (Ajmer – Ikalgarh)
1. Civil Works		
- Cutting	1.72 X 10 ⁶ cum	1.24 X 10 ⁶ cum
- Embankment	8.63 X 10 ⁶ cum	10.47 X 10 ⁶ cum
- Blanket	2.22 X 10 ⁶ cum	2.92 X 10 ⁶ cum
- Subgrade	3.04 X 10 ⁶ cum	4.31 X 10 ⁶ cum
- Important bridges	-	11 nos. (total length 2326m)
- Viaduct	1 no. (total length 1108m)	-
- Major bridge	15 nos. (total length 678 m)	83 nos. (total length 3487m)
- Rail flyover	3 nos.	1 nos.
- Minor bridge	270 nos. (total length 737m)	505 nos. (total length 2384m)
- ROB*1	4 nos.	2 nos.
- RUB*2	75 nos.	60 nos.
- Railway crossing	109 nos.	80 nos.
2. Building Works	(Approximate Area 15,500 sqm)	(Approximate Area 18,200 sqm)
- Junction Station	3 locations (Approximate Area 6900 sqm)	1 location (Approximate Area 2,900 sqm)
- Crossing Station	6 locations (Approximate Area 8,600 sqm)	10 locations (Approximate Area 15,300 sqm)
- Maintenance Depot, MMU, Sub-Depots etc.	At Junction and Crossing Stations	At Junction and Crossing Stations
- Quarters & Offices	At Junction and Crossing Stations (Approximate Area 33,000 sqm)	At Junction and Crossing Stations (Approximate Area 34,000 sqm)
- Operation Control	1 location (tentative)	-
3. Track Works		
- Ballast	1.55x10 ⁶ cu.m	1.87 x10 ⁶ cu.m
- Route Km	283 km	342 km

Note: *1; Road-over-bridge (overpass), *2; Road-under-bridge (underpass)

3. The expected schedule of the bidding process shall be as under :

- a) Invitation of Pre-qualification (IFP) : 18-11-2011
- b) Invitation of Bids : 10-02-2012

- c) Submission of Bids (by Bidders) : 09-03-2012
 - d) Construction Period : 208 weeks
4. "Prequalification will be conducted through prequalification procedures specified in the Guidelines for Procurement under Japanese ODA Loans, March 2009. Further, Eligible Nationality for an Applicant and all partners constituting the Applicant shall be the following;
- (a) Japan in the case of the prime contractor; and
 - (b) All countries and areas in the case of sub-contractor(s).

Further, with regard to the above, in case where the prime contractor is a joint venture, such joint venture will be eligible provided that the nationality of the lead partner is Japan, that the nationality of the other partners is Japan and/or India and that the total share of work of Japanese partners in the joint venture is more than fifty percent (50%) of the contract amount"

- 4.1 Procurement of the following components from Japan is mandatory under this Package (Refer Section V – List of Eligible Countries of Japanese ODA Loans);
- Head Hardened Rails for the entire stretch of Main Line and Points & Crossings
5. Interested eligible Applicants may obtain further information from and inspect the Prequalification Documents at the address given below, from 11:00 to 17:00 hours (Indian Standard Time) on business working days only during 18th November, 2011 to 20th December, 2011.
6. A complete set of the Prequalification Document may be purchased by interested Applicant(s) on the submission of a written application to the address below during 11:00 hours to 17:00 hours on any working day, upon payment of a nonrefundable fee of Rs. 10,000 or US\$ 225 in the form of Demand Draft in favour of "Dedicated Freight Corridor Corporation of India Ltd. from any Scheduled Commercial Bank in India and payable at New Delhi. The Prequalification Document will be available for sale from 18th November, 2011 and up to 12:00 hours on 28th December, 2011.
- If the Applicant desires that the Prequalification Document be sent by post / courier service, then an additional charge of Rs. 1,000 for inland delivery and Rs. 4,500 or US\$ 100 for overseas delivery shall also be paid along with fee stated above. The request for sending the Prequalification Document by post / courier service must be received at the address below with requisite fee before 20th December, 2011.
7. Applications for prequalification should be submitted in sealed envelopes, delivered to the address below by 28th December, 2011 at 15:00 hours (Indian Standard Time), and be clearly marked "Application to Prequalify for **DEDICATED FREIGHT CORRIDOR PROJECT (REWARI – IKBALGARH SECTION OF WESTERN CORRIDOR PART PHASE-1)**, Civil, Building and Track Works [insert contract package number(s) Viz. CTP-1 or CTP-2 or Both]."
8. PQ Document in pdf file will be available in Home Page of DFCCIL as shown below.
HP: <https://dfccil.org>
9. Prequalification Document will be available at the address mentioned below with CD-ROM

including Forms in Microsoft Word version at the cost of Rs. 10,000 (Rs. Ten thousand only) or US\$ 225.

10. The applicants who download the PQ Document from DFCCIL website will be required to deposit the requisite fee, as specified above, at the address mentioned below towards the cost of PQ Documents before the submission of their PQ Application. The PQ Application(s) if submitted without the requisite fee will not be considered and rejected outrightly.
11. Interested eligible Applicants who have purchased the PQ Document are invited to attend a Pre-PQ Conference to be held at Venue below on 02nd December, 2011 at the following address:

Venue: Room No. 416, 4th Floor, Pragati Maidan Metro Station, New Delhi - 110001
Time: 11:00 hours (Indian Standard Time)

Participation to this Pre-PQ Conference is not a mandatory requirement for prequalification.

Based on the clarifications provided by DFCCIL during the previous Pre-qualification process during March-June 2011, Frequently Asked Questions (FAQs) and their responses from DFCCIL is also enclosed herewith along with the PQ Document for general reference of the prospective Applicants. These do not form part of the PQ document and are for the purpose of general understanding only. However a questionnaire Form will be delivered to the Applicant's Representatives participating in the Pre-PQ Conference. Answers will be delivered to all Representatives within seven (7) days after the Conference by e-mail. The answers shall also be available in Home Page of DFCCIL as shown above.

Dedicated Freight Corridor Corporation India Ltd.

Mr. Dhanesh Gupta

Position ; GGM/PWC

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e-mail: scc@dfcc.co.in

Section I. Instructions to Applicants

Notes on Instructions to Applicants (ITA)

Section I, Instructions to Applicants (ITA) specifies the procedures that regulate the prequalification process. The ITA contains standard provisions that have been designed to remain unchanged from JICA Sample Prequalification Document.

The ITA refers those clauses that need to be complemented to suit the conditions of a particular prequalification process to the Prequalification Data Sheet (PDS) for this Project; **the PDS provides such additional information.**

Table of Clauses

A. General	10
1. Scope of Application	10
2. Source of Funds.....	10
3. Fraud and Corruption	10
4. Eligible Applicants.....	10
5. Eligible Goods and Related Services.....	11
B. Contents of the Prequalification Documents.....	12
6. Sections of Prequalification Documents	12
7. Clarification of Prequalification Documents.....	12
8. Amendment of Prequalification Documents.....	12
C. Preparation of Applications.....	13
9. Cost of Applications	13
10. Language of Application.....	13
11. Documents Comprising the Application	13
12. Application Submission Form.....	13
13. Documents Establishing the Eligibility of the Applicant.....	13
14. Documents Establishing the Qualifications of the Applicant	14
15. Signing of the Application and Number of Copies.....	14
D. Submission of Applications.....	14
16. Sealing and Identification of Applications	14
17. Deadline for Submission of Applications	14
18. Late Applications.....	14
19. Opening of Applications.....	14
E. Procedures for Evaluation of Applications	15
20. Confidentiality	15
21. Clarification of Applications.....	15
22. Responsiveness of Applications	15
23. Subcontractors.....	15
F. Evaluation of Applications and Prequalification of Applicants	16
24. Evaluation of Applications.....	16
25. Employer's Right to Accept or Reject Applications.....	16
26. Prequalification of Applicants	16
27. Notification of Prequalification	16
28. Invitation for Bids	16
29. Changes in Qualifications of Applicants	16

A. General

<p>1. Scope of Application</p>	<p>1.1 In connection with the Invitation for Prequalification indicated in Section II, Prequalification Data Sheet (PDS), the Employer, as defined in the PDS, issues these Prequalification Documents (PD) to Applicants interested in bidding for the Works described in Section VI, Scope of Works. The reference identification number of the contract, if any, is provided in the PDS.</p>
<p>2. Source of Funds</p>	<p>2.1 The Borrower indicated in the PDS has received a Japanese ODA Loan from Japan International Cooperation Agency (hereinafter referred to as "JICA"), with the number, in the amount, and on the signed date of the Loan Agreement indicated in the PDS, towards the cost of the project named in the PDS. The Borrower intends to apply a portion of the proceeds of the loan to eligible payments under the contract(s) resulting from the bidding for which this prequalification is conducted.</p> <p>2.2 Disbursement of a Japanese ODA Loan by JICA will be subject, in all respects, to the terms and conditions of the Loan Agreement, including the disbursement procedures and "Guidelines for Procurement under Japanese ODA Loans". No party other than the Borrower shall derive any rights from the Loan Agreement or have any claim to loan proceeds.</p> <p>2.3 The above Loan Agreement will cover only part of the project cost. As for the remaining portion, the Borrower will take appropriate measures for finance.</p>
<p>3. Fraud and Corruption</p>	<p>3.1 It is JICA's policy to require that Bidders and Contractors, as well as Borrowers under contracts funded with Japanese ODA Loans and other Japanese ODA, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, JICA:</p> <ul style="list-style-type: none"> (a) will reject a proposal for award if it determine that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question; (b) will recognize a Bidder or Contractor as ineligible, for a period determined by JICA, to be awarded a contract funded with Japanese ODA Loans if it at any time determines that the Bidder or the Contractor has engaged in corrupt or fraudulent practices in competing for, or in executing another contract funded with Japanese ODA Loans or other Japanese ODA.
<p>4. Eligible Applicants</p>	<p>4.1 An Applicant may be a single entity or any combination of entities in the form of joint venture or association (JVA) with the formal intent, as evidenced by a letter of intent, to enter into an agreement or under an existing agreement. In the case of a JVA,</p> <ul style="list-style-type: none"> (a) unless otherwise specified in the PDS, all partners shall be jointly and severally liable for the execution of the Contract in

	<p>accordance with the Contract terms, and</p> <p>(b) the JVA shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the partners of the JVA during the prequalification process and, in the event the JVA is prequalified, during the bidding process, and in the event the JVA is awarded the Contract, during contract execution.</p>
	<p>4.2 An Applicant and all partners constituting the Applicant shall be from an eligible source country as listed in Section V, List of Eligible Countries of Japanese ODA Loans.</p>
	<p>4.3 An Applicant shall not have a conflict of interest. All Applicants found to have a conflict of interest shall be disqualified from participating in this prequalification process. An Applicant may be considered to have a conflict of interest with one or more parties in this prequalification process if:</p> <p>(a) an Applicant has been engaged by the Employer to provide consulting services for the preparation related to procurement for or implementation of the project;</p> <p>(b) an Applicant is any of its associates/affiliates (inclusive of parent firms) mentioned in subparagraph (a) above; or</p> <p>(c) an Applicant lends, or temporarily seconds its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.</p>
	<p>4.4 An Applicant shall submit only one application in the same Prequalification process, either individually as an Applicant or as a partner of a JVA. An Applicant who submits, or participates in, more than one application will cause all the applications in which the Applicant has participated to be disqualified. No Applicant can be a subcontractor while submitting an application individually or as a partner of a JVA in the same Prequalification process. A subcontractor in any application may participate in more than one application, but only in that capacity.</p>
	<p>4.5 An Applicant, that has been determined to be ineligible by JICA in accordance with ITA 3, shall not be eligible to be awarded a contract.</p>
	<p>4.6 Applicants shall provide such evidence of their continued eligibility satisfactory to the Employer, as the Employer shall reasonably request.</p>
<p>5. Eligible Goods and Related Services</p>	<p>5.1 All Goods and related services to be supplied under the Contract to be financed by JICA shall have their origin in any country in accordance with Section V, List of Eligible Countries of Japanese ODA Loans.</p>

	B. Contents of the Prequalification Documents
6. Sections of Prequalification Documents	6.1 The documents for the prequalification of Applicants (hereinafter referred to as "Prequalification Documents") consist of parts 1 and 2 which comprise all the sections indicated below, and should be read in conjunction with any Addendum issued in accordance with ITA 8.
	<p>PART 1 Prequalification Procedures</p> <ul style="list-style-type: none"> • Section I. Instructions to Applicants (ITA) • Section II. Prequalification Data Sheet (PDS) • Section III. Qualification Criteria and Requirements • Section IV. Application Forms • Section V. List of Eligible Countries of Japanese ODA Loans <p>PART 2 Works Requirements</p> <ul style="list-style-type: none"> • Section VI. Scope of Works
	6.2 The "Invitation for Prequalification" issued by the Employer is not part of the Prequalification Documents.
	6.3 The Employer accepts no responsibility for the completeness of the Prequalification Documents and its addenda unless they were obtained directly from the Employer.
	6.4 The Applicant is expected to examine all instructions, forms, and terms in the Prequalification Documents and to furnish all information or documentation required by the Prequalification Documents.
	6.5 General information on the climate, hydrology, topography, access to site, transportation and communications facilities, medical facilities, project layout, expected construction period, and other services and facilities to be provided by the Employer is furnished in Section VI, Scope of Works.
7. Clarification of Prequalification Documents	7.1 A prospective Applicant requiring any clarification of the Prequalification Documents shall contact the Employer in writing at the Employer's address indicated in the PDS . The Employer will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of applications. The Employer shall forward copies of its response to all Applicants who have acquired the Prequalification Document directly from the Employer including a description of the inquiry but without identifying its source. Should the Employer deem it necessary to amend the Prequalification Document as a result of a clarification, it shall do so following the procedure under ITA 8 and in accordance with the provisions of ITA 17.2.
8. Amendment of Prequalification Documents	8.1 At any time prior to the deadline for submission of applications, the Employer may amend the Prequalification Documents by issuing

tion Documents	addenda.
	8.2 Any addendum issued shall be part of the Prequalification Documents and shall be communicated in writing to all who have obtained the Prequalification Documents from the Employer.
	8.3 To give prospective Applicants reasonable time to take an addendum into account in preparing their applications, the Employer may, at its discretion, extend the deadline for the submission of applications.
C. Preparation of Applications	
9. Cost of Applications	9.1 The Applicant shall bear all costs associated with the preparation and submission of its application. The Employer shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the prequalification process.
10. Language of Application	10.1 The application as well as all correspondence and documents relating to the prequalification exchanged by the Applicant and the Employer, shall be written in the language specified in the PDS . Supporting documents and printed literature that are part of the application may be in another language, provided they are accompanied by an accurate translation of the relevant passages in the language specified in the PDS , in which case, for purposes of interpretation of the application, the translation shall govern.
11. Documents Comprising the Application	11.1 The application shall comprise the following: (a) Application Submission Form, in accordance with ITA 12; (b) documentary evidence establishing the Applicant's eligibility to prequalify, in accordance with ITA 13; (c) documentary evidence establishing the Applicant's qualifications, in accordance with ITA 14; and (d) any other document required as specified in the PDS .
12. Application Submission Form	12.1 The Applicant shall prepare an Application Submission Sheet using the form furnished in Section IV, Application Forms. This Form must be completed without any alteration to its format.
13. Documents Establishing the Eligibility of the Applicant	13.1 To establish its eligibility in accordance with ITA 4, the Applicant shall complete the eligibility declarations in the Application Submission Form and Forms ELI (eligibility) 1.1 and 1.2, included in Section IV, Application Forms.

14. Documents Establishing the Qualifications of the Applicant	14.1 To establish its qualifications to perform the contract(s) in accordance with Section III, Qualification Criteria and Requirements, the Applicant shall provide the information requested in the corresponding forms included in Section IV, Application Forms.
15. Signing of the Application and Number of Copies	<p>15.1 The Applicant shall prepare one original of the documents comprising the application as described in ITA 11 and clearly mark it "ORIGINAL". The original of the application shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Applicant.</p> <p>15.2 The Applicant shall submit copies of the signed original application, in the number specified in the PDS, and clearly mark them "COPY". In the event of any discrepancy between the original and the copies, the original shall prevail.</p>
D. Submission of Applications	
16. Sealing and Identification of Applications	<p>16.1 The Applicant shall enclose the original and the copies of the application in a sealed envelope that shall:</p> <ul style="list-style-type: none"> (a) bear the name and address of the Applicant; (b) be addressed to the Employer, in accordance with ITA 17.1; and (c) bear the specific reference identification number of this prequalification process, if any, indicated in PDS 1.1.
	16.2 The Employer will accept no responsibility for not processing any envelope that was not identified as required.
17. Deadline for Submission of Applications	17.1 Applicants may always submit their applications by mail or by hand. Applications shall be received by the Employer at the address and no later than the deadline indicated in the PDS . A receipt will be given for all applications submitted.
	17.2 The Employer may, at its discretion, extend the deadline for the submission of applications by amending the Prequalification Documents in accordance with ITA 8, in which case all rights and obligations of the Employer and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.
18. Late Applications	18.1 The Employer reserves the right to accept or reject late applications.
19. Opening of Applications	19.1 The Employer shall prepare a record of the opening of applications that shall include, as a minimum, the name of the Applicant. A copy of the record shall be distributed to all Applicants.

	E. Procedures for Evaluation of Applications
20. Confidentiality	20.1 Information relating to the evaluation of applications, and recommendation for prequalification, shall not be disclosed to Applicants or any other persons not officially concerned with such process until the notification of prequalification is made to all Applicants.
	20.2 From the deadline for submission of applications to the time of notification of the results of the prequalification in accordance with ITA 28, any Applicant that wishes to contact the Employer on any matter related to the prequalification process, may do so but only in writing.
21. Clarification of Applications	21.1 To assist in the evaluation of applications, the Employer may, at its discretion, ask any Applicant for a clarification of its application which shall be submitted within a stated reasonable period of time. Any request for clarification and all clarifications shall be in writing.
	21.2 If an Applicant does not provide clarifications of the information requested by the date and time set in the Employer's request for clarification, its application may be rejected.
22. Responsiveness of Applications	22.1 The Employer may reject any application which is not responsive to the requirements of the Prequalification Documents.
23. Subcontractors	23.1 Applicants planning to subcontract any of the key activities indicated in Section III, Qualification Criteria and Requirements, shall specify the activity(ies) or parts of the Works to be subcontracted in the Application Submission Form. Applicants shall clearly identify the proposed specialist subcontractor(s) in Forms ELI-1.2 and EXP (experience)-4.2(b) in Section IV, Application Forms. Such proposed specialist subcontractor(s) shall meet the corresponding qualification requirements specified in Section III, Qualification Criteria and Requirements.
	23.2 At this time, the Employer does not intend to execute certain specific parts of the Works by subcontractors selected in advance by the Employer (Nominated Subcontractors) unless otherwise stated in the PDS.

	F. Evaluation of Applications and Prequalification of Applicants
24. Evaluation of Applications	24.1 The Employer shall use the factors, methods, criteria, and requirements defined in Section III, Qualification Criteria and Requirements to evaluate the qualifications of the Applicants. The use of other methods, criteria, or requirements shall not be permitted. The Employer reserves the right to waive minor deviations in the qualification criteria if they do not materially affect the capability of an Applicant to perform the contract.
	24.2 Only the qualifications of subcontractors that have been identified in the application may be considered in the evaluation of an Applicant. However, the general experience and financial resources of subcontractors may not be added to those of the Applicant for purposes of prequalification of the Applicant.
	24.3 Unless otherwise indicated in the PDS , this prequalification shall be for a single contract.
25. Employer's Right to Accept or Reject Applications	25.1 The Employer reserves the right to accept or reject any application, and to annul the prequalification process and reject all applications at any time, without thereby incurring any liability to Applicants.
26. Prequalification of Applicants	26.1 All Applicants, whose applications have been determined to be substantially responsive to the requirements of the Prequalification Documents and who have met or exceeded ("passed") the specified threshold criteria, shall be prequalified by the Employer.
27. Notification of Prequalification	27.1 Once the Employer has completed the evaluation of the applications, it shall notify all Applicants in writing of the names of those Applicants who have been prequalified.
28. Invitation for Bids	28.1 Promptly after the notification of the results of the prequalification, the Employer shall invite bids from all the Applicants that have been prequalified.
	28.2 Bidders may be required to provide a Bid Security acceptable to the Employer in the form and an amount to be specified in the Bidding Documents, and the successful Bidder shall be required to provide a Performance Security to be specified in the Bidding Documents.
29. Changes in Qualifications of Applicants	29.1 Any change in the structure or formation of an Applicant after being prequalified in accordance with ITA 26 and invited to bid shall be subject to a written approval of the Employer prior to the deadline for submission of bids. Any such changes shall be submitted to the Employer not later than fourteen (14) days after the date of the Invitation for Bids. Such approval shall be denied if as a consequence of the change;

	<ul style="list-style-type: none">(a) the prequalified Applicant, after the change, no longer substantially meets the qualification criteria set forth in Section III, Qualification Criteria and Requirements; or(b) in the opinion of the Employer, a substantial reduction in competition may result.
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Section II. Prequalification Data Sheet

Notes on Prequalification Data Sheet (PDS)

Section II, Prequalification Data Sheet (PDS) contains information and provisions that are specific to a particular prequalification process. The PDS only specify the information that the corresponding ITA requests be specified in the PDS

To facilitate the preparation of the PDS, its clauses are numbered with the same numbers as the corresponding ITA clauses.

A. General	
ITA 1.1	The reference identification numbers and names of this Invitation for Prequalification is: ICB Nos.: CT P-1 and CT P-2
ITA 1.1	The name of the Employer is: Dedicated Freight Corridor of India Limited (A Government of India Enterprise)
ITA 1.1	The names, number and identification of the slices/ packages comprising this contract is: <u>Civil, Building and Track Works Package 1 (CT P-1)</u> Civil, Building and Track Works Package 1: Design and construction of civil, building and track works for Double Line Railway involving formation in embankment/cuttings, bridges, structures, junction stations, crossing stations, road level crossings, sign boards, buildings, ballast on formation, track works, integration with Indian Railway System including testing and commissioning on Design-Build (DB) with Lump Sum (LS) Price basis for Rewari – Ajmer Section (approx. 283 route km) of Western Dedicated Freight Corridor. <u>Civil, Building and Track Works Package 2 (CT P-2)</u> Civil, Building and Track Works Package 2: Design and construction of civil, building and track works for Double Line Railway involving formation in embankment/cuttings, bridges, structures, junction stations, cross stations, road level crossings, sign boards, buildings, ballast on formation, track works, integration with Indian Railway System including testing and commissioning on Design-Build (DB) with Lump Sum (LS) Price basis for Ajmer – Ikalgarh Section (approx. 342 route km) of Western Dedicated Freight Corridor.
ITA 2.1	The name of the Borrower is: The President of India
ITA 2.1	The number of the Loan Agreement is ID-P209 The amount of a Japanese ODA Loan is: Ninety billion Two hundred Sixty Two million Japanese Yen (JPY 90,262,000,000) The signed date of the Loan Agreement is: 31 March 2010
ITA 2.1	The name of the Project is: Dedicated Freight Corridor Project (Western Corridor Phase-1)
ITA 3	Supplement with the following Bidder / Contractor would include the prime contractor, partners in a Joint Venture or association, sub contractors and sub consultant

ITA 4.1	<p>The ITA 4.1 shall be replaced with the following</p> <p>For the purpose of this pre-qualification document the following definition shall apply:</p> <p>‘Applicant’ : It is the collective single entity consisting of ‘Prime Contractor’ with its ‘Sub-contractor(s) &, Sub-consultants’</p> <p>‘Prime Contractor’ may be single entity or ‘a joint venture or partner in JV’ or ‘association or its member’ excluding Sub Contractor’ & Sub Consultants with the formal intent, as evidenced by a letter of intent, to enter into an agreement or under an existing/pre-existing agreement</p> <p>‘Partners’ : Prime Contractor or in case where the Prime Contractor is a joint venture or association , ‘Partners’ would include all the constituent members of the joint venture or association.</p> <p>‘Authorised Signatory’: For the purpose of this pre-qualification, the Authorised Signatory shall mean the person authorized to sign on behalf of Partner / Sub-contractor/ Sub consultant under a Power of Attorney and supported by a resolution from the respective Board of Directors.</p> <p>(a) In case of joint venture or association, all the constituent members of joint venture or association shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms</p> <p>(b) The joint venture or association shall nominate one Representative who shall have the authority to conduct all business for and on behalf of any and all the partners of the joint venture or association during the prequalification process and, in the event the joint venture or association is prequalified, during the bidding process, and in the event the joint venture or association is awarded the Contract, during contract execution. In this regard each of the joint venture or association Partners shall submit the Power of Attorney duly signed by their respective ‘Authorised Signatory’ along with the Application for Pre-qualification.</p> <p>(c) The Power of Attorney, in respect of the ‘Authorized Signatory’ of the respective Partners duly supported by their respective Board Resolution shall also be submitted along with the Application for pre-qualification.</p>
ITA 4.3	<p>Supplement with the following</p> <p>As part of the Application for Pre-qualification, the Applicant shall submit an undertaking from each of the proposed Partners and Sub-contractors / Sub-consultants, duly signed by their Authorized Signatories, that they do not have any conflict of interest under the provisions of Clause ITA 4.3 (a), (b) & (c).</p>

ITA 4.4	<p>Replace ITA 4.4 with the following :</p> <p>An applicant shall participate only in one application in the same Prequalification Process either individually as single entity (Prime Contractor) or as a Partner of a joint venture or association. An applicant as a Single entity (a Prime Contractor) or JV/Association Partner who submits, or participates in, more than one application as the Prime Contractor will cause all the applications, in which the entity has participated, to be disqualified. No applicant as a Single entity (a Prime Contractor) or JV/Association Partner can be a Sub-contractor or Sub-consultant while submitting an application under the same Pre-qualification process. A Sub Contractor / Sub consultant in any application may participate in more than one application but only in that capacity.</p>
ITA 4.7	<p>The following clause shall be added after ITA 4.6</p> <p>The Applicant shall be considered in-eligible if any of its Partners and / or Sub Contractors / Sub Consultants included in the Application for Prequalification has been banned for business with Ministry of Railways along with <u>any of its attached and subordinate offices through an order issued by Ministry of Railways as per list available on Web site (http://www.indianrailways.gov.in/railwayboard)</u> of Civil Engg. Directorate of Railway Board pertaining to Banning of Business, with the Banning being valid as on the last date of submission the PQ Application.</p> <p>The Applicant / each partner of the joint venture or association including the proposed sub-contractors, sub-consultants shall submit an undertaking to this effect duly signed by their authorized signatory along with the Application for prequalification.</p>
B. Contents of the Prequalification Documents	
ITA 7.1	<p>For <u>clarification purposes</u> only, the Employer's address is:</p> <p>Attention: Mr. Dhanesh Gupta Floor/Room number: Room No. 505, 5th Floor, Pragati Maidan, Metro Station Building City: New Delhi ZIP Code: 1100011 Country: INDIA Telephone: +91-11-2337-9815 Facsimile number: +91-11-2345-4701 Electronic mail address: scc@dfcc.co.in</p> <p>Any clarification shall be submitted to the above address not later than twenty-one (21) days prior to the deadline of submission of application.</p> <p>A copy of queries, together with the answers of DFCCIL will be issued not later than ten (10) days before the closing date of the Prequalification Application, to all Applicants who have purchased PQ Document.</p>
ITA 8.1	<p>Any addendum will be issued not later than ten (10) days before the closing date of the Prequalification Application, to all Applicants who have purchased PQ Document.</p>
ITA 8.2	<p>Any addendum to the Prequalification document shall also be uploaded on the web site of DFCCIL i.e. www.dfcc.org.</p>

C. Preparation of Applications	
ITA 10.1	The language of the application as well as of all correspondence is: English
ITA 11.1 (d)	<p>The Applicant shall submit with its application, the following additional documents:</p> <ol style="list-style-type: none"> 1. Soft Copy of the PQ Application on one (1) set of a compact disc(s) in a non editable format. The compact disc shall bear the signature of the Authorized Signatory of the Applicant in indelible ink. 2. Submission of letter of intent (LOI) or joint venture / association agreement at the PQ stage , <ol style="list-style-type: none"> (i) LOI needs to specify the following <ol style="list-style-type: none"> (a) Identification of Lead Partner (from Japan) and endorsement about its having maximum financial stake amongst the other Partners. (b) Total share of Japanese Partners being more than 50% of the Contract amount. (c) joint and several liabilities of all the Partners (d) LOI requires to be signed by authorised signatories of all the Partners. <p style="margin-left: 40px;">A format for LOI is enclosed at Form ELI 1.1 A in Section –IV.</p> (ii) In case of joint venture (JV) or association agreement, it shall clearly bring out the role of each Partner of the joint venture or association in addition to the requirements as specified in the LOI. However, submission of joint venture or association agreement is not a mandatory requirement at Pre-qualification stage and same would be mandatory at the bidding stage. 3. An undertaking from each Sub-contractor / Sub-consultant proposed indicating its willingness to associate with the Applicant as a Sub-contractor/ Sub-consultant for the particular activity against which his credentials have been offered by the Applicant in the application for the Prequalification.

ITA 14.1	<p>The following para shall be added at the end of clause ITA 14.1</p> <p>The Applicant shall also submit Documentary evidence / Client’s Certificates in support of the Applicant’s claim of the Experience (General and Specific) in respect of each contract as included in Section IV, Application Forms In case of the works / financial situations involving foreign currencies, the same shall be converted to USD by first converting it to Japanese Yen and then to USD by applying the foreign exchange rate as specified in Section III : Qualification Criteria and Requirements.</p> <p>The experience certificate issued by the Engineer acting on behalf of the Client shall also be considered provided the documentary evidence, establishing the appointment of the said Engineer by the Client. is also submitted along with the experience certificate issued by the said Engineer,</p> <p>In case of PPP projects, the Concessionaire can give experience certificate in respect of the EPC/ Construction Contractor. However such certificate will need to be countersigned by the concerned Public Authority who has granted the concession clearly indicating the name, designation and official address of the signing authority.</p> <p>14.2 In addition to the details submitted by the Applicant in Section IV : Application Forms, the Applicant shall also prepare and submit a summary of his claimed experience vis-a-vis qualification criteria requirements, clearly explaining as to how the Applicant is meeting the qualification requirements in respect of each of the key activities . The suggested format for the same is as under</p> <p>General Construction experience---- (4.1 of section III)</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 8%;">Sl. no.</th> <th style="width: 18%;">Name of the Applicant/Partner</th> <th style="width: 18%;">Name of the project</th> <th style="width: 12%;">Role of the partner</th> <th style="width: 12%;">Period</th> <th style="width: 34%;">Reference page of the supporting document</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>Specific Construction experience ---- (4.2(a) of section III)</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 6%;">Sl. no.</th> <th style="width: 12%;">Name of the Applicant/Partner</th> <th style="width: 12%;">Name of the project</th> <th style="width: 12%;">Role of the partner</th> <th style="width: 12%;">Period</th> <th style="width: 12%;">Contract amount (Million USD)</th> <th style="width: 12%;">Field (Railways, Highways)</th> <th style="width: 12%;">Whether Substantially completed / Taken over</th> <th style="width: 18%;">Reference page of the supporting document</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Sl. no.	Name of the Applicant/Partner	Name of the project	Role of the partner	Period	Reference page of the supporting document													Sl. no.	Name of the Applicant/Partner	Name of the project	Role of the partner	Period	Contract amount (Million USD)	Field (Railways, Highways)	Whether Substantially completed / Taken over	Reference page of the supporting document																											
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Key Activity---- (4.2(b) , 4.3(a) & 4.3(b) of section III)										
<i>Sl. no.</i>	<i>Name of the Applicant/ Partner</i>	<i>Name of the project</i>	<i>Role of the partner</i>	<i>Period</i>	<i>Field (Railways, Highways,..)</i>	<i>Whether Substantially completed / Taken over</i>	<i>Total quantity</i>	<i>% share in case of work execute as JV partner</i>	<i>Claimed qty</i>	<i>Reference page of the supporting document</i>
ITA 15	<p>The ITA 15.1 shall be replaced with the following</p> <p>The Applicant shall prepare one original of the documents comprising the application as described in ITA 11 and clearly mark it “ORIGINAL”. The original of the application shall be typed or written in indelible ink and shall be signed by the Signatory Authorized to sign on behalf of Applicant as defined in ITA 4.1 (b) PDS.</p> <p>In addition to this, all the documents pertaining to the information and experience, as claimed by the Applicant, shall also be signed by the Authorized Signatory of the respective Partner / Sub-contractor/ Sub-consultant to whom the information and the claimed experience actually belongs to.</p>									
ITA 15.2	<p>In addition to the original, the number of copies to be submitted with the application is: three (3).</p>									
ITA 15	<p>Supplement ITA 15 with the following</p> <p>15.3 The Original and all the copies of Application shall be hard bound. Each page of the Application shall be serially numbered and indexed.</p>									
D. Submission of Applications										
ITA 16.3	<p>The Applicant shall clearly specify Contract Package Number on the covering Page of the Application Documents intending to apply for the following Packages:</p> <p>Civil, Building and Track Works Package 1 (CT P-1) Civil, Building and Track Works Package 2 (CT P-2)</p>									

ITA 17.1	<p>For application submission purposes only, the Employer's address is:</p> <p>Attention: Mr. Dhanesh Gupta Floor/Room number: Room No. 505, 5th Floor, Pragati Maidan, Metro Station Building City: New Delhi ZIP Code: 1100011 Country: INDIA Telephone: +91-11-2337-9815 Facsimile number: +91-11-2345-4701 Electronic mail address: scc@dfcc.co.in The deadline for application submission is: Date: 28th December, 2011 Time: 15:00 hours, Indian Standard Time (IST)</p>
E. Procedures for Evaluation of Applications	
ITA 23.1	<p>The ITA 23.1 shall be replaced with the following</p> <p>Applicants planning to subcontract key activity of Mechanised track laying as identified in 4.2(b)(4) of Section III, Qualification Criteria and Requirements, shall specify in the Application Submission Form. Applicants shall clearly identify the proposed specialist Subcontractor(s) in Forms ELI-1.2 and EXP (experience)-4.2(b) in Section IV: Application Forms. Such proposed specialist Subcontractor(s) shall meet the corresponding qualification requirements specified in Section III: Qualification Criteria and Requirements.</p> <p>Applicant shall also clearly identify the proposed specialist subcontractor(s) in Form 4.3 (b) (if required) in respect of Design Experience. Such proposed specialist sub-contractor(s) shall meet the corresponding qualification requirements specified in Section III, Qualification Criteria and Requirements.</p>
ITA 23.2	<p>At this time the Employer does not intend to execute certain specific parts of the Works by subcontractors selected in advance (Nominated Subcontractors).</p>
F. Evaluation of Applications and Prequalification of Applicants	
ITA 24.1	<p>The Credentials of Associates, Parent Companies or Sister Companies shall not be considered unless they are part of joint venture / association.</p> <p>Both in case of 100% owned SPVs as well as subsidiaries, with respect to (a) Technology (b) Financials and (c) Intellectual Property Rights, the parent company can aggregate these for the purpose of qualification criteria so long as the parent company prepares a consolidated balance sheet that includes the financials of these subsidiaries and SPVs.</p> <p>However, this will not be permitted in case of clause no. 4.2(b) of Section III i.e. experience in key activities undertaken by subsidiaries (including 100% SPVs) will not qualify as experience of Parent Company unless the subsidiaries (including 100% SPVs) are also part of the Consortiums /Joint Venture/Association.</p> <p>Rules for Rounding off Numerical Values : <u>While evaluating the quantitative credentials of the Applicant, the decimal values shall be rounded off to the next higher</u></p>

	<u>digit e.g a figure of say 14.1 shall be rounded off to 15 for evaluation purpose.</u>
ITA 24.3	As stipulated in ITA 1.1, this prequalification exercise shall be for multiple contracts. The Employer will prequalify the Applicants for one package or both the packages as per his Application. Applicants shall indicate in their applications for which package they wish to be prequalified.
ITA 29	<p>Clause 29.1(a) to be replaced with</p> <p>“The pre-qualified Applicant, after the change, no longer meets the qualification criteria set forth in Section III, Qualification Criteria and Requirements; or”</p> <p>Add 29.1(c) as follows</p> <p>29.1(c) – the Employer shall not consider prequalification of any applicant by omitting any ineligible partner / Sub-contractor/ Sub-consultant , included in the application for Prequalification..</p>

Section III. Qualification Criteria and Requirements**Notes on Qualification Criteria and Requirements**

Section III, Qualification Criteria and Requirements contains all the methods, criteria, and requirements that the Employer will use to evaluate applications. The information to be provided in relation to each requirement and the definitions of the corresponding terms are included in the respective Application Forms.

DFCCIL requires bidders to be prequalified by precise minimum requirements. The method entails setting pass-fail criteria which, if not met by the Applicant, result in disqualification.

The criteria adopted relate to characteristics that are essential to ensure satisfactory execution of the contract. The criteria are also set so that they neither inhibit competition nor set a predetermined number of firms to be prequalified. All firms that meet the criteria shall be invited to bid.

The evaluation will be undertaken by DFCCIL with the assistance of the Engineering Consultant as described in ANNEXURE 1.

Table of Contents

1. Eligibility	29
2. Historical Contract Non-Performance.....	30
3. Financial Situation	31
4. Experience	33

Eligibility and Qualification Criteria		Compliance Requirements			Documentation		
No.	Subject	Requirement	Single Entity	Joint Venture or Association			Submission Requirements
				All Partners Combined	Each Partner	At Least One Partner	
1. Eligibility (Common for all Packages)							
1.1	Nationality	Nationality in accordance with ITA Sub-Clause 4.2	Must meet requirement	Existing or intended joint venture / association must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments
1.2	Conflict of Interest	No conflicts of interest in ITA Sub-Clause 4.3	Must meet requirement	Existing or intended joint venture / association must meet requirement	Must meet requirement	N/A	Application Submission Form
1.3	JICA Ineligibility	Not having been declared ineligible by JICA, as described in ITA Sub-Clause 4.5	Must meet requirement	Existing joint venture / association must meet requirement	Must meet requirement	N/A	Application Submission Form

Eligibility and Qualification Criteria		Compliance Requirements			Documentation		
No.	Subject	Requirement	Single Entity	Joint Venture or Association			Submission Requirements
				All Partners Combined	Each Partner	At Least One Partner	
2. Historical Contract Non-Performance (Common for all Packages)							
2.1	History of Non-Performing Contracts	Non-performance of a contract did not occur within the last two years prior to the deadline for application submission based on all information on fully settled disputes or litigation. A fully settled dispute or litigation is one that has been resolved in accordance with the Dispute Resolution Mechanism under the respective contract and where all appeal instances available to the Applicant have been exhausted.	Must meet requirement by itself or as partner to past or existing joint venture / association	N/A	Must meet requirement by itself or as partner to past or existing joint venture / association	N/A	Form CON-2
2.2	Pending Litigation	All pending litigation (including arbitration) shall in total not represent more than 50 % of the Applicant's net worth of the latest year and shall be treated as resolved against the Applicant.	Must meet requirement by itself or as a partner to past or existing joint venture / association	N/A	Must meet requirement by itself or as a partner to past or existing joint venture / association	N/A	Form CON – 2

Eligibility and Qualification Criteria		Compliance Requirements			Documentation		
No.	Subject	Requirement	Single Entity	Joint Venture or Association			Submission Requirements
				All Partners Combined	Each Partner	At Least One Partner	
3. Financial Situation							
3.1	Financial Performance (Common for all Packages)	<p>Submission of audited balance sheets or if not required by the law of the Applicant's country, other financial statements acceptable to the Employer, for the last five (5) years to demonstrate the current soundness of the Applicant's financial position and its prospective long term profitability.</p> <p>As the minimum requirement, an Applicant's net worth calculated as the difference between total assets and total liabilities should be positive for total of five (5) years.</p> <p>(Note that the total liabilities include Long-Term and Short Term Liabilities)</p>	Must meet requirement	N/A	Must meet requirement	N/A	Form FIN – 3.1 with attachments
3.2	Average Annual Construction Turnover (Per Package)	<p>Minimum average annual construction turnover of US\$ 250 million¹, calculated as total certified payments received for contracts in progress or completed, within the last five (5) years.</p> <p>Note 1: To be prequalified for both Packages, the applicants must comply the minimum average annual construction turnover 500 million USD.</p>	Must meet requirement	Must meet requirement	Must meet 25% of the requirement	Must meet 40% of the requirement	Form FIN – 3.2

Eligibility and Qualification Criteria		Compliance Requirements			Documentation		
No.	Subject	Requirement	Single Entity	Joint Venture or Association			Submission Requirements
				All Partners Combined	Each Partner	At Least One Partner	
		2: For average annual construction turnover, the turnover related to all activities consisting of building/ assembling /erection of physical assets, transportation infrastructure, manufacturing plants, pipe lines, power projects, transmission lines, steel structure, railway project, refineries etc.					
<p>Notes:</p> <p><u>3.1 Financial Performance:</u> Bidders will be required at the bidding stage to demonstrate their construction cash flow to verify the soundness and stability of their financial circumstances. The Bidders would be required to demonstrate capacity to meet the initial cash flow requirements for a maximum period of six months.</p> <p><u>3.2: Average Annual Construction Turnover</u></p> <p>1. The foreign exchange rate shall be TTS rate of the Bank of Tokyo Mitsubishi UFJ (BTMU) at the 28 days prior to final submission date of application for Pre-qualification. The Applicant shall also submit the documentary evidence in respect of the same.</p>							

Eligibility and Qualification Criteria		Compliance Requirements			Documentation		
No.	Subject	Requirement	Single Entity	Joint Venture or Association			Submission Requirements
				All Partners Combined	Each Partner	At Least One Partner	
4. Experience (Common for all Packages)							
4.1	General Construction Experience	Experience under construction contracts in the role of contractor, management contractor, or subcontractor, ¹ for at least the last five (5) years prior to the application submission deadline, and with activity in at least nine (9) months in each year.	Must meet requirement	Must meet requirement (for any year any partner to meet the requirement)	N/A	N/A	Form EXP – 4.1 With project description sheets including major work quantities
4.2 (a)	Specific Construction Experience	Experience exclusively in the role of Single entity (a Prime Contractor) or Partner in existing or past JV “, in at least a) Two (2) contracts of 150 million US\$ each or b) Three (3) contracts of 100 million US\$ each within the last ten (10) years, (prior to the application submission deadline) that have been Substantially Completed or have received Taking-over Certificate for whole of the Works as the result of successfully and substantially completed and that are similar to the proposed Works. The project shall be considered to have been Substantially Completed if the Applicant has received payment against the work done to the extent of 90% or more of the contract value The similarity shall be based on the physical size, complexity, methods/technology or other	Must meet requirement	Must meet requirement	N/A	N/A	Form EXP – 4.2 (a) With project description sheets including major work quantities

Eligibility and Qualification Criteria		Compliance Requirements			Documentation		
No.	Subject	Requirement	Single Entity	Joint Venture or Association			Submission Requirements
				All Partners Combined	Each Partner	At Least One Partner	
		<p>characteristics as described in Section VI, Scope of Works.</p> <p>The Works pertaining to Railways, Highways, Sea/Air Ports, Dams/ Hydroelectric Power Projects (HPP), and Irrigation Projects shall only be considered. In addition to the above, the Building Works executed in Thermal Power Projects, Heavy Industries and Refineries shall also be considered.</p>					
4.2 (b)	(Per Package)	For the above or other contracts executed during the period stipulated in 4.2 (a) above, a construction experience, as prime contractor, management contractor, or subcontractor, in the following key activities:					
		<p>(1) minimum 4x10⁶ cu.m of earthfill in any one year (Calendar Year or Financial Year)</p> <p>(2) minimum 100,000 cu.m concrete of bridges/flyover/culverts in any one year (Calendar Year or Financial Year)</p> <p>(3) Building having total floor area of minimum 12,000 sq.m in any one year (Calendar Year or Financial Year</p> <p>(4) Minimum 110 km of mechanized track laying ² in any one year (Calendar Year or Financial</p>	Must meet requirements (can be a specialist subcontractor for track laying in which case the requirement to be met with by one single specialized Sub Contractor)	Must meet requirements (can be a specialist subcontractor for track laying in which case the requirement to be met with by one single specialized Sub Contractor)	N/A	N/A	Form EXP – 4.2 (b) With project description sheets including major work quantities

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture or Association			Submission Requirements
				All Partners Combined	Each Partner	At Least One Partner	
		Year) Note: To be prequalified for both Package, the applicants must comply experience in key activities two times, the above individual key experience.					
4.3 (a)	General Design Experience	Experience exclusively in the role of prime contractor, subcontractor, design consultant or sub-design consultant, in at least two (2) design contracts of US\$ 650,000 each within the last ten (10) years, that have been Substantially Completed or have received Taking-over Certificate for whole of the Works as the result of successfully and substantially completed and that are similar to the proposed Works. The project shall be considered to have been Substantially Completed if the Applicant has received payment against the work done to the extent of 90% or more of the contract value The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Scope of Works. The Works pertaining to Railways, Highways, Sea/Air Ports, Dams/ Hydroelectric Power Projects (HPP), and Irrigation Projects shall only be considered. In addition to the above,	Must meet requirement (can be a specialist sub-design consultant)	Must meet requirement (can be a specialist sub-design consultant)	N/A	N/A	Form EXP – 4.3 (a) With project description sheets including major work quantities

Eligibility and Qualification Criteria		Compliance Requirements			Documentation		
No.	Subject	Requirement	Single Entity	Joint Venture or Association			Submission Requirements
				All Partners Combined	Each Partner	At Least One Partner	
		the Building Works executed in Thermal Power Projects, Heavy Industries and Refineries shall also be considered.					
4.3 (b)	Specific Design Experience (Per Package)	For the above or other similar contracts executed during minimum period of the last ten years.					
		<p>For the above or other contracts executed during the period stipulated in 4.3 (a) above, a minimum design experience in the key activities:</p> <p>(1) Should have designed Railway / Highway alignment, embankment in similar nature (physical size, complexity and method forms</p> <p>(2) Should have designed at least 5 major bridges / Flyovers / ROBs / RUBs of similar nature as proposed.</p> <p>Note: To be prequalified for both Packages, the applicants design experience in key activities will be same that of per package.</p>	Must meet requirements (can be a specialist sub-design consultant)	Must meet requirements (can be a specialist sub-design consultant)	N/A	N/A	Form EXP – 4.3 (b) With project description sheets including major work quantities
<p>Notes:</p> <p>4.1: General Construction Experience 1. A management contractor is a firm which takes on the role of contract management as a “general” contractor of sort could do. It does not normally perform directly the construction work(s) associated with the contract. Rather, it manages the work of other (sub) contractors while bearing full responsibility and risk for price, quality, and timely performance of the work contract.</p> <p>4.2: Specific Construction Experience 2. Mechanized Track Laying means: “Laying or relaying of rail panels of 260 meters or more welded by mobile / stationery / flash butt welding plant under control conditions in depots. Track Linking by use of portals, cranes, rail threader, track laying machines and use of tamping machines, dynamic track stabilizers, shoulder ballast compactors for making track fit for traffic movement.</p>							

Section IV. Application Forms

Table of Forms

Application Submission Form	38
Check List.....	40
Form ELI-1.1: Applicant Information Form	43
Form ELI- 1.1.A : Letter of Intent Form.....	44
Form ELI-1.2: Applicant's Partner Information Form	46
Form CON-2: Historical Contract Non-Performance.....	47
Form FIN-3.1: Financial Situation.....	49
Form FIN-3.2: Average Annual Construction Turnover	51
Form EXP-4.1: General Construction Experience	52
Form EXP-4.2(a): Specific Construction Experience.....	53
Form EXP-4.2(b): Specific Construction Experience in Key Activities.....	55
Form EXP-4.3(a): Similar Design Experience	57
Form EXP-4.3(b): Specific Design Experience in Key Activities.....	59

Application Submission Form

Date: *[insert day, month, year]*
Reference ID No.: *[insert number, if any]*

To: *[insert full name of Employer]*

We, the undersigned, apply to be prequalified for the contract of referenced number and declare that:

- (a) We have examined and have no reservations to the Prequalification Documents, including Addendum(s) No(s)., issued in accordance with Instructions to Applicants (ITA) Clause 8:

[insert the number and issuing date of each addendum].

- (b) We, including any subcontractors or suppliers for any part of the contract resulting from this prequalification process, have nationalities from eligible countries of Japanese ODA Loans, in accordance with ITA Sub-Clause 4.2:

[insert the nationality of the Applicant, including that of all partners in case of a Joint Venture, and the nationality of each already identified subcontractor and supplier of related services, if applicable];

- (c) We, including any subcontractors or suppliers for any part of the contract resulting from this prequalification, do not have any conflict of interest, in accordance with ITA Sub-Clause 4.3;

- (d) We, including any subcontractors or suppliers for any part of the contract resulting from this prequalification, have not been declared ineligible by JICA, in accordance with ITA Sub-Clause 4.5;

- (e) We, in accordance with ITA Sub-Clause 23.1, plan to subcontract the following key activities and/or parts of the Works:

[insert any of the key activities identified in Section III- 4.2 (b) which the Applicant intends to subcontract]

- (f) We understand that you may cancel the prequalification process at any time and that you are neither bound to accept any application that you may receive nor to invite the prequalified Applicants to bid for the contract subject of this prequalification, without incurring any liability to the Applicants, in accordance with ITA Clause 25.

-
- (g) We are seeking pre-qualification for Package 1 / Package 2 / all the 2 Packages.
- (h) We attach herewith a check list of various submissions along with reference page numbers required as per the PQ Document.

Signed [insert signature(s) of an authorized representative(s) of the Applicant]

Name [insert full name of person signing the application]

In the capacity of [insert capacity of person signing the application]

Duly authorized to sign the application for and on behalf of:

Applicant's name [insert full name of Applicant]

Address [insert street number/town or city/country address]

Dated on [insert day number] day of [insert month], [insert year]

CHECK LIST

Sl. No.	Requirement	Reference Clause No. of PQ Document	Submitted or not	Reference Page No. of PQ Application
1.	Details of the Demand draft of Rs. 10,000/- or US\$ 225 in favour of DFCCIL towards the purchase of PQ Document	IFP 6 and IFP 10		
2	Letter of Intent to form joint venture or a joint venture / association agreement duly signed by all the Partner of the joint venture / association	ITA 4.1, Form-ELI-1.1, Section-V		
3	Undertaking from each partner of Applicant including their proposed Sub Contractors & Sub-Consultants regarding no conflict of interest	ITA 4.3 (PDS)		
4	An undertaking from the Applicant / each partner of the joint venture / association and proposed sub-contractors for mechanized track laying / sub-design consultant for Design Work/ suppliers regarding banning of business by Government of India	ITA 4.7 (PDS)		
5	Power of Attorney to one representative from the Lead partner duly signed by the authorized representative of all the partners of joint venture / association	ITA 4.1 (a) (PDS)		
6	Power of Attorney in respect of authorized representative of each partner of the joint venture / association	ITA 4.1 (c) (PDS)		
7	Soft Copy of PQ Application on one set of CD	ITA 11.1(d) (PDS)		
8	Original + 3 Copies of PQ Application	ITA 15.2 (PDS)		
9	Original and all Copies of PQ Application are hard bound, all pages serially numbered and indexed	ITA 15 (PDS)		
10	PQ Application signed by authorized representative of joint venture / association as well as authorized representative of the respective joint venture / association partner to whom the submitted information / claimed experience actually belongs to	ITA 15 (PDS)		
11	Application Information Form	Form ELI-1.1		
12	Article of incorporation of the Applicant/Lead Partner	ITA-4.1, ITA -4.2 & Form ELI-1.1		

13	Applicant's Partner's Information Form	Form ELI-1.2		
14	Article of incorporation of all the partners of the joint venture or association	ITA-4.1, ITA -4.2 & Form ELI-1.2		
15	Historical Contract Non Performance : (1-History of non performing contracts, 2-Pending litigation (including Arbitration)	Form CON-2		
16	Documentary evidence in respect of the Foreign exchange rate @ 28 days prior date of final submission of PQ application	Form CON-2		
17	Financial Situation (duly certified by independent Public / Chartered Accountant) in respect of each partner of the joint venture / association	Form FIN-3.1		
18	Copies of audited financial Statements for the last five financial Years in respect of each partner of the joint venture / association	Form FIN-3.1		
19	Average Annual Construction Turn over (duly certified by independent Public / Chartered Accountant) in respect of each partner of the joint venture / association	Form FIN-3.2		
20	General Construction Experience in respect of each partner of the joint venture / association duly supported by Client / Engineer's Certificate	Form EXP-4.1		
21	Specific Construction Experience in respect of each partner of the joint venture / association duly supported by Client / Engineer's Certificate	Form EXP-4.2(a)		
22	Specific Construction Experience in Key Activities in respect of each partner of the joint venture / association duly supported by Client / Engineer's Certificate	Form EXP-4.2(b)		
23	Similar design Experience (from Applicant or Specialist Sub Design Consultant) duly supported by Client / Engineer's Certificate	Form EXP-4.3(a)		
24	Specific design Experience in key activities (from Applicant or Specialist Sub Design Consultant) duly supported by Client / Engineer's Certificate	Form EXP-4.3(b)		
25	Summary of claimed experience in respect of : a) General Construction Experience (4.1 of Section-III), b) Specific Construction Experience (4.2(a) of section-III)	ITA-14.1(PDS)		

	c) Specific Construction Experience in Key Activities (4.2(b), 4.3(a) & (b) of Section-III)			
26	Any Other Document as per the requirement of PQ Document			

Form ELI -1.1

Applicant Information Form

Date: *[insert day, month, year]*
Reference ID No.: *[insert number, if any]*
Page *[insert page number]* of *[insert total number]* pages

Applicant's legal name <i>[insert full legal name]</i>
In case of Joint Venture (JV), legal name of each partner: <i>[insert full legal name of each partner in JV]</i>
Applicant's actual or intended country of constitution: <i>[indicate country of Constitution]</i>
Applicant's actual or intended year of constitution: <i>[indicate year of Constitution]</i>
Applicant's legal address in country of constitution: <i>[insert street/ number/ town or city/ country]</i>
Applicant's authorized representative information Name: <i>[insert full legal name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate E-mail address]</i>
Attached are copies of original documents of <ul style="list-style-type: none"> <input type="checkbox"/> Articles of incorporation or documents of constitution, and documents of registration of the legal entity named above, in accordance with ITA 4.1 and 4.2. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITA 4.1 & 11.1 (d) (PDS) as per Form ELI-1.1.A.

Form ELI – 1.1A

Letter of Intent to Enter in to an Agreement

(To be signed by all the Partners of joint venture or association)
(Reference Clause 4.1 (PDS) and 11.1 (d) (PDS))

Mr. Dhanesh Gupta , GGM / PWC
 Dedicated Freight Corridor Corporation of India Limited (DFCCIL)
 Room No. 505, 5th Floor, Pragati Maidan Metro Station Building,
 New Delhi – 110001, India

Subject : Pre-qualification for “Design and Construction of Civil, Building and Track Works for Double Line Railway Involving Formation in Embankments / Cuttings, Bridges, Structures, Buildings, Ballast on Formation, Track Works Including Testing and Commissioning on Design-Build Lump Sum Price Basis for Rewari – Ikbargarh Section of Western Dedicated Freight Corridor” Project – Civil, Building and Track Works Contract Package 1 and Package 2

Dear Sir,

This is to inform you that :

1. We, the following entities
 - a) ----- (name and address of Lead Partner)
 - b) -----(name and address of Partner)
 - c) -----(name and address of Partner)
 - d) -----

hereby express our intention that we are forming a joint venture / association under the name of ----- (if any), to participate in the Pre- qualification process of the subject work.

2. We nominate ----- as Lead Partner of our joint venture / association.
3. We undertake that the Lead Partner of our joint venture/association ----- (Name of the lead partner) shall have the maximum financial stake amongst the other partners of the joint venture / association.
4. We undertake that total share of the Japanese partners in our joint venture / association shall be more than 50% of the total contract amount.
5. The percentage participation amongst various partners of the joint venture / association for the subject project shall be as under:

Sl. No.	Name of the Partner	Role (Lead partner/ partner)	% Participation

6. In accordance with Clause ITA 4.1 (a) (PDS) of Section I, we shall be jointly and severally liable to DFCCIL for the execution of the Contract in accordance with the Contract Terms
7. In accordance with Clause ITA 4.2 (b) (PDS) of Section I, We shall nominate the following person as our authorized signatory who shall have the authority to conduct the business for and on behalf of our Joint venture / association during the prequalification process and , in the event of joint venture /association is prequalified, during the bidding process, and in the event the joint venture/association is awarded the Contract, during Contract execution
 (Detailed information about authorized signatory)

Name, Designation, Address, Tel/Fax no E Mail ID

-
8. In case we are pre-qualified, we shall be entering in to a detailed Joint Venture / Association Agreement at the time of submission of our Bid

Authorised Signatory
(Lead Partner)

Authorised Signatory
(Partner)

Authorised Signatory
(Partner)

Authorised Signatory
(Partner)

Form ELI -1.2

Applicant Partner Information Form

[The following form shall be filled in for the Applicant's partners including partner(s) of a joint venture, subcontractors, suppliers and other partners]

Date: *[insert day, month, year]*

Reference ID No.: *[insert number, if any]*

Page *[insert page number]* of *[insert total number]* pages

JV Applicant legal name: <i>[insert full legal name]</i>
Applicant Partner's legal name: <i>[insert full legal name of Applicant partners]</i>
Applicant Partner's country of registration: <i>[indicate country of registration]</i>
Applicant Partner's year of constitution: <i>[indicate year of constitution]</i>
Applicant Partner's legal address in country of constitution: <i>[insert street/ number/ town or city/ country]</i>
Applicant Partner's authorized representative information Name: <i>[insert full legal name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate E-mail address]</i>
Attached are copies of original documents of <input type="checkbox"/> Articles of incorporation or documents of constitution, and registration documents of the legal entity named above, in accordance with ITA 4.1 and 4.2.

Form CON – 2

Historical Contract Non-Performance

[The following table shall be filled in for the Applicant and for each partner of a Joint Venture]

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Reference ID No.: *[insert number, if any]*
 Page *[insert page number]* of *[insert total number]* pages

1. History of Non-Performing Contracts

Non-Performing Contracts			
<input type="checkbox"/> Contract non-performance# did not occur during the <i>[number]</i> years specified in Section III, Qualification Criteria and Requirements, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed during the <i>[number]</i> years specified in Section III, Qualification Criteria and Requirements, requirement 2.1			
Year	Non performed portion of contract	Contract Identification	Total Contract Amount (current value, US\$ equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for non performance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

The Contract non-performance means that the Contractor has not reneged on his contractual obligations against any contract during the last 2 years.

2. Pending Litigation (Including Arbitration)

Pending Litigation (Including Arbitration)			
<input type="checkbox"/> No pending litigation (including arbitration) in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2.			
<input type="checkbox"/> Pending litigation (including arbitration) in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.2 as indicated below.			
Year	Outcome as Percentage of Net Worth for the latest year	Contract Identification	Total Contract Amount (current value, US\$ equivalent)
<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i>	<i>[insert amount]</i>

Note:

The foreign exchange rate shall be TTS rate of the Bank of Tokyo Mitsubishi UFJ (BTMU) at the 28 days prior to final submission date of application for Pre-qualification. The Applicant shall also submit the documentary evidence in respect of the same.

Form FIN – 3.1 Financial Situation

[The following table shall be filled in for the Applicant and for each partner of a Joint Venture]

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Reference ID No.: *[insert number, if any]*
 Page *[insert page number]* of *[insert total number]* pages

1. Financial data

Historic Information for Previous five (5) years, (US\$ Equivalent)				
Financial Year 1 (2006-2007)	Financial Year 2 (2007-2008)	Financial Year 3 (2008-2009)	Financial Year 4 (2009-2010)	Financial Year 5 (2010-2011)

Information from Audited Balance Sheet

Total Assets (TA)					
Total Liabilities (TL)					
Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					

Information from Audited Income Statement

Total Revenue (TR)					
Profits Before Taxes (PBT)					
Profits After Taxes (PAT)					

Note:

1. The foreign exchange rate shall be TTS rate of the Bank of Tokyo Mitsubishi UFJ (BTMU) at the 28 days prior to final submission date of application for Pre-qualification. The Applicant shall also submit the documentary evidence in respect of the same.
2. The above Form Fin – 3.1 shall be certified by the Independent Public or Chartered Accountant
3. The Applicant shall also attach the backup calculations in respect of each of the above figures duly referenced to the figures of the Annual Report / Financial Statement or any other relevant document submitted along with his PQ Application.

2. Financial documents

The Applicant and its partners shall provide copies of the balance sheets and/or financial statements for *[number]* years pursuant to Section III, Qualifications Criteria and Requirements, Sub-factor 3.1. The financial statements shall:

- (a) reflect the financial situation of the Applicant or partner to a JV, and not sister or parent companies.
 - (b) be audited by a certified accountant.
 - (c) be complete, including all notes to the financial statements.
 - (d) correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).
- Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the five (5) financial years, as indicated above, and complying with the requirements.

Form FIN - 3.2

Average Annual Construction Turnover

[The following table shall be filled in for the Applicant and for each partner of a Joint Venture]

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Reference ID No.: *[insert number, if any]*
 Page *[insert page number]* of *[insert total number]* pages

Annual Turnover Data (Construction only)			
Financial Year	Amount and Currency	Exchange Rate	US\$ Equivalent
Year 1 (2006-2007)	<i>[insert amount and indicate currency]</i>	<i>[insert applicable exchange rate]</i>	<i>[insert amount in US\$ equiv.]</i>
Year 2 (2007-2008)			
Year 3 (2008-2009)			
Year 4 (2009-2010)			
Year 5 (2010-2011)			
Average Annual Construction Turnover *			

* Average Annual Construction Turnover calculated as total certified payments received for work in progress or completed, divided by the number of years specified in Section III, Qualification Criteria and Requirements, Sub-para 3.2.

Note:

1. The foreign exchange rate shall be TTS rate of the Bank of Tokyo Mitsubishi UFJ (BTMU) at the 28 days prior to final submission date of application for Pre-qualification. The Applicant shall also submit the documentary evidence in respect of the same.
2. The above Form Fin – 3.2 shall be certified by the Independent Public or Chartered Accountant

Form EXP - 4.1 General Construction Experience

[The following table shall be filled in for the Applicant and for each partner of a Joint Venture]

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Reference ID No.: *[insert number, if any]*
 Page *[insert page number]* of *[insert total number]* pages

[Identify contracts that demonstrate continuous construction work over the past [number] years pursuant to Section III, Qualification Criteria and Requirements, Sub-Factor 4.1. List contracts chronologically, according to their commencement (starting) dates.]

General Construction Experience			
Starting Month / Year	Ending Month / Year	Contract Identification	Role of Applicant
<i>[indicate month/ year]</i>	<i>[indicate month/ year]</i>	Contract name: <i>[insert full name]</i> Brief description of the Works performed by the Applicant: <i>[describe Works performed briefly]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[insert "Contractor" or "Subcontractor" or "Management Contractor"]</i>

Form EXP - 4.2(a) Specific Construction Experience

[The following table shall be filled in for contracts performed by the Applicant, each partner of a Joint Venture.]

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Reference ID No.: *[insert number, if any]*
 Page *[insert page number]* of *[insert total number]* pages

Fill up one (1) form per contract.

Contract of Similar Size and Nature			
Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i>	Information		
Contract Identification	<i>[insert contract name and Reference ID number, if</i>		
Award Date	<i>[insert day, month, year, i.e., 15 June, 2015]</i>		
Completion Date	<i>[insert day, month, year, i.e., 03 October, 2017]</i>		
Role in Contract	Prime Contractor , Contractor as JV Partner		
Total Contract Amount	<i>[insert total contract amount in US\$]</i>		
If partner in a JV, specify participation in total contract amount	<table style="width: 100%; border: none;"> <tr> <td style="border: none; width: 50%;"><i>[insert a percentage amount]</i></td> <td style="border: none; width: 50%;"><i>[insert total contract amount in US\$]</i></td> </tr> </table>	<i>[insert a percentage amount]</i>	<i>[insert total contract amount in US\$]</i>
<i>[insert a percentage amount]</i>	<i>[insert total contract amount in US\$]</i>		
Employer's Name:	<i>[insert full name]</i>		
Address:	<i>[indicate street / number / town or city / country]</i>		
Telephone/Fax Number:	<i>[insert telephone/fax numbers, including country and city area codes]</i>		
E-mail:	<i>[insert E-mail address, if available]</i>		

Form EXP - 4.2(a) (cont.)
Specific Construction Experience (cont.)

Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i>	Information
Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:	
1. Amount	<i>[insert amount in US\$]</i>
2. Physical Size	<i>[insert physical size of activities]</i>
3. Complexity	<i>[insert description of complexity]</i>
4. Methods/Technology	<i>[insert specific aspects of the methods/ technology involved in the contract]</i>
5. Other Characteristics	<i>[insert other characteristics as described in Section VI, Scope of Works]</i>

Note:

The foreign exchange rate shall be TTS rate of the Bank of Tokyo Mitsubishi UFJ (BTMU) at the 28 days prior to final submission date of application for Pre-qualification. The Applicant shall also submit the documentary evidence in respect of the same.

Form EXP - 4.2(b)

Specific Construction Experience in Key Activities

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Subcontractor's Legal Name (as per ITA 23.1) *[insert full name]*
 Reference ID No.: *[insert number, if any]*
 Page *[insert page number]* of *[insert total number]* pages

Fill up one (1) form per contract.

1. Key Activity No. (1) _____: *[insert brief description of the Activity, emphasizing its specificity]*

Contract with Similar Key Activities			
Item	Information		
Contract Identification	<i>[insert contract name and number, if applicable]</i>		
Award Date	<i>[insert day, month, year, i.e., 15 June, 2015]</i>		
Completion Date	<i>[insert day, month, year, i.e., 03 October, 2017]</i>		
Role in Contract <i>[check the appropriate box]</i>	Prime Contractor <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Subcontractor <input type="checkbox"/>
Total Contract Amount	<i>[insert total contract amount in US\$]</i>		
If partner in a JV or subcontractor, specify participation of total contract amount	<i>[insert a percentage amount]#</i>	<i>[insert total contract amount in US\$]</i>	
Employer's Name:	<i>[insert full name]</i>		
Address:	<i>[indicate street / number / town or city / country]</i>		
Telephone/Fax Number:	<i>[insert telephone/fax numbers, including country and city area codes]</i>		
E-mail:	<i>[insert E-mail address, if available]</i>		

The Applicant shall submit the documentary evidence regarding its Percentage of participation in the JV for the claimed project towards Specific Construction Experience.

2. Activity No. (2) _____

3. Activity No. (3) _____

4. Activity No. (4) _____

Form EXP - 4.2(b) (cont.)

Specific Construction Experience in Key Activities

Information:

	Description of the Key activities in accordance with Sub-Factor 4.2(b) of Section III:	[insert response to inquiry indicated in left column]
1	Maximum volume of earthfill in Formation including Blanketing in cubic meter in any one year (<u>Calendar Year or Financial Year</u>) during last 10 years a) Year b) Earthwork	
2	Maximum Concreting in Bridges / Flyovers / Culverts in cubic meter in any one year (<u>Calendar Year or Financial Year</u>) during last 10 years. a) Year b) Concreting	
3	Maximum Building Work in in any one year (<u>Calendar Year or Financial Year</u>) in last 10 years. a) Year b) Building Work	
4	Maximum Mechanised Track Laying Work in any one year (<u>Calendar Year or Financial Year</u>) in last 10 years. a) Year b) Mechanised Track Laying Work	

Form EXP - 4.3(a)

Similar Design Experience

[The following table shall be filled in for contracts performed by the Applicant, each partner of a Joint Venture, and specialist subcontractors.]

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Reference ID No.: *[insert number, if any]*
 Page *[insert page number]* of *[insert total number]* pages

Fill up one (1) form per contract.

Contract of Similar Size and Nature			
Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i>	Information		
Contract Identification	<i>[insert contract name and Reference ID number, if</i>		
Award Date	<i>[insert day, month, year, i.e., 15 June, 2015]</i>		
Completion Date	<i>[insert day, month, year, i.e., 03 October, 2017]</i>		
Role in Contract	Prime Contractor, Contractor as JV Partner, Design Consultant, Sub Design Consultant		
Total Contract Amount	<i>[insert total contract amount in US\$]</i>		
If partner in a JV or subcontractor, specify participation in total contract amount	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 5px;"><i>[insert percentage amount]</i></td> <td style="width: 50%; padding: 5px;"><i>a [insert total contract amount in US\$]</i></td> </tr> </table>	<i>[insert percentage amount]</i>	<i>a [insert total contract amount in US\$]</i>
<i>[insert percentage amount]</i>	<i>a [insert total contract amount in US\$]</i>		
Employer's Name:	<i>[insert full name]</i>		
Address:	<i>[indicate street / number / town or city / country]</i>		
Telephone/Fax Number:	<i>[insert telephone/fax numbers, including country and city area codes]</i>		
E-mail:	<i>[insert E-mail address, if available]</i>		

Form EXP - 4.3(a) (cont.) Similar Design Experience (cont.)

Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i>	Information
Description of the similarity in accordance with Sub-Factor 4.3(a) of Section III:	
1. Amount	<i>[insert amount in US\$]</i>
2. Physical Size	<i>[insert physical size of activities]</i>
3. Complexity	<i>[insert description of complexity]</i>
4. Methods/Technology	<i>[insert specific aspects of the methods/ technology involved in the contract]</i>
5. Other Characteristics	<i>[insert other characteristics as described in Section VI, Scope of Works]</i>

Note:

The foreign exchange rate shall be TTS rate of the Bank of Tokyo Mitsubishi UFJ (BTMU) at the 28 days prior to final submission date of application for Pre-qualification. The Applicant shall also submit the documentary evidence in respect of the same.

Form EXP - 4.3(b)

Specific Design Experience in Key Activities

Date: *[insert day, month, year]*
 Applicant's Legal Name: *[insert full name]*
 Applicant's Party Legal Name: *[insert full name]*
 Subcontractor's Legal Name (as per ITA 23.1) *[insert full name]*
 Reference ID No.: *[insert number, if any]*
 Page *[insert page number]* of *[insert total number]* pages

Fill up one (1) form per contract.

1. Key Activity No. (1) _____: *[insert brief description of the Activity, emphasizing its specificity]*

Contract with Similar Key Activities			
Item	Information		
Contract Identification	<i>[insert contract name and number, if applicable]</i>		
Award Date	<i>[insert day, month, year, i.e., 15 June, 2015]</i>		
Completion Date	<i>[insert day, month, year, i.e., 03 October, 2017]</i>		
Role in Contract <i>[check the appropriate box]</i>	Prime Contractor <input type="checkbox"/>	JV Partner <input type="checkbox"/>	Subcontractor <input type="checkbox"/>
Total Contract Amount	<i>[insert total contract amount in US\$]</i>		
If partner in a JV or subcontractor, specify participation of total contract amount	<i>[insert a percentage amount]</i>	<i>[insert total contract amount in US\$]</i>	
Employer's Name:	<i>[insert full name]</i>		
Address:	<i>[indicate street / number / town or city / country]</i>		
Telephone/Fax Number:	<i>[insert telephone/fax numbers, including country and city area codes]</i>		
E-mail:	<i>[insert E-mail address, if available]</i>		

2. Activity No. (2) _____

Form EXP - 4.3(b) (cont.) Specific Design Experience in Key Activities

Information (In respect of each of the claimed experience):

	Description of the key activities in accordance with Sub-Factor 4.3(b) of Section III:	[insert response to inquiry indicated in left column]
1	a) Adequate design capability for design of Railway / Highway Alignment – Software availability or access to and experience of using it for alignment design. b) Description of design work for design of Railway/ Highway alignment carried out in last 10 years c) Nature of the Project for which design was carried out comparable to the present project i.e physical size, complexity and method forms	
2	a) Adequate design capability for design of Embankment of Railway or Highway – Availability of required software for design of embankment or access to it and experience of using it. b) Description of design work carried out for embankment for Railway / Highway during last 10 years. c) Nature of the Project for which design was carried out comparable to the present project i.e physical size, complexity and method forms	
3	a) Adequate design capability for design of Bridges / Flyovers / ROBs / RUBs - Availability of required software for design or access to it and experience of using it. b) Description of design work carried out for Bridges / Flyovers / ROBs / RUBs during last 10 years. c) Number of Bridges / Flyovers / ROBs / RUBs designed <ul style="list-style-type: none"> i. Year ii. No. Of Bridges / Flyovers / ROBs / RUBs designed along with length of the structure, no. of Spans and Span length d) Nature of the Project for which design was carried out comparable to the present project i.e physical size, complexity and method forms	

Section V. List of Eligible Countries of Japanese ODA Loans

Eligibility for the Provision of Goods, Works and Services in JICA-Financed Procurement

- (1) The Eligible Nationality of the Supplier(s)/ Applicant and all partners constituting the Applicant shall be the following:
 - (a) Japan in the case of the prime contractor; and
 - (b) All countries and areas in the case of the sub-contractor(s).
- (2) With regard to (1) above, in case where the prime contractor is a joint venture, such joint venture will be eligible provided that the nationality of the lead partner is Japan, that the nationality of the other partners is Japan and/or India and that the total share of work of Japanese partners in the joint venture is more than fifty percent (50%) of the contract amount.
- (3) With regard to (1) and (2) mentioned above,
 - (a) For goods and services, (i) the prime contractor or, in the case of a joint venture, the lead partner and other partners regarded as the Japanese partners shall be nationals of Japan or juridical persons incorporated and registered in Japan, and which have their appropriate facilities for producing or providing the goods and services in Japan and actually conduct their business there; and (ii) in the case of a joint venture, the partners except Japanese partners shall be nationals of India or juridical persons incorporated and registered in Japan or India, and which have their appropriate facilities for producing or providing the goods and services in Japan or India and actually conduct their business there.
- (4) Procurement of the following components from Japan is mandatory under this Package;
 - Head Hardened Rails for the entire stretch of Main Line and Points & Crossings
- (5) With regard to the goods procured from the eligible local manufacturing company(ies) (hereinafter referred to as “the Eligible Local Manufacturing Company(ies)”) invested by Japanese companies can be regarded and counted as Japanese origin if such Eligible Local Manufacturing Company(ies) satisfy(ies) the following conditions:
 - (i) Juridical persons incorporated and registered in India, and which have their appropriate facilities for producing or providing the goods and services in India and actually conduct their business there;
 - (ii) Not less than 10 % of shares are held by a single Japanese Company; and
 - (iii) The proportion of the shares held by the Japanese company mentioned in (ii) above (or the company having the largest share among Japanese companies if more than one Japanese

company meet the condition stated in (ii) above) is the same as or greater than that of the shares held by any company of a third country.

- (6) With regard to the goods procured from the eligible development partners' manufacturing company(ies) (hereinafter referred to as "the Eligible Development Partners' Manufacturing Company(ies)") invested by Japanese companies can be regarded and counted as Japanese origin if such Eligible Development Partners' Manufacturing Company(ies) satisfy(ies) the following conditions:
- (i) Juridical persons incorporated and registered in a country or area on DAC List of ODA Recipients effective at the time of conclusion of the Loan Agreement and which have their appropriate facilities for producing or providing the goods and services in the country or area and actually conduct their business there;
 - (ii) Not less than one-third of shares are held by a single Japanese Company; and
 - (iii) The proportion of the shares held by the Japanese company mentioned in (ii) above (or the company having the largest share among Japanese companies if more than one Japanese company meet the condition stated in (ii) above) is the same as or greater than that of the shares held by any company of a third country.

PART 2 – Works Requirements

Section VI. Scope of Works

Contents

1. Description of the Works	65
2. Construction Period.....	75
3. Site and Other Data.....	77

1. Description of the Works

Project Background

With an objective to augment the freight transport capacity and to support the rapid economic growth along the “Golden Quadrilateral” in India linking major urban centres of Mumbai, Delhi, Kolkata and Chennai, the Government of India (hereinafter referred to as “GOI”) has received an ODA (Official Development Assistance) Loan from the Government of Japan (hereinafter referred to as “GOJ”) for the development of the Dedicated Freight Corridor Project (Western Corridor).

In July 2005, GOI officially requested GOJ for the execution of Japan’s technical cooperation to assess the Feasibility Study on the development of Dedicated Freight Corridors for Delhi-Mumbai (Western Corridor) and Ludhiana - Sonnagar (Eastern Corridor) in India (hereinafter referred to as “JICA F/S”). The objective of JICA F/S was to review the Preliminary Engineering cum Traffic Study (hereinafter referred to as PETS) and Final Location Survey (hereinafter referred to as FLS) of DFC that was prepared by the GOI.

Subsequent to the JICA F/S Study completed in 2007, the GOI approached the GOJ for an ODA Loan under Special Terms for Economic Partnership (hereinafter referred to as “STEP”) Scheme. In response, the GOJ, through JICA, extended loan assistance to the GOI by concluding Loan Agreements in October 2009 and March 2010 for engagement of Engineering Service consultants and for implementation of the Phase 1 Project (Western DFC between Rewari & Vadodara), respectively. The present Pre-qualification for the stretch between Rewari and Ikbargarh of length 625 km is a part of Phase 1 between Rewari – Vadodara of total 922 km. Further information related to the Project and DFCCIL is available at their WEB home page (<http://dfccil.org>).

In order to meet over all 30% STEP obligation under the Loan Agreement, MOR has considered utilization of Japanese Head Hardened Rails for the entire stretch of Main Line and Points & Crossings as mandatory

1.0 General

1.1 The Dedicated Freight Corridor (DFC) Project

- 1.1.1 Ministry of Railways (MOR), Government of India has planned to construct a High Axle Load Dedicated Freight Corridor (DFC) covering about 3330 route kilometers on Eastern and Western Corridors. The coverage of Eastern Corridor is from Ludhiana to Dankuni and Western Corridor is planned from Jawaharlal Nehru Port, Mumbai to Rewari/Tughlakabad/Dadri near Delhi. There will be a linkage between two corridors at Khurja.
- 1.1.2 The project entails construction of mostly double-track electrified railway lines. The bridges and other structures will be designed to allow movement of 32.5 tonne axle load while the track structure will be designed for 25 tonne axle load operating at train speed of up to 100 Kmph. The Eastern Corridor will handle single stack containers whereas Western Corridor is planned to cater to double stack containers. Up gradation of transportation technology, increase in productivity and reduction in unit transportation costs have been taken as guiding

principles for formulating the project. Various operating systems, motive powers, signaling and work processes are required to conform to these broad perspectives.

2.0 Western Dedicated Freight Corridor Alignment

2.1 Western DFC Route will be approximately 1,506 Km long from Jawaharlal Nehru Port, Mumbai to Rewari/Tughlakabad/Dadri near Delhi via Vasai-Surat-Vadodara-Ahmedabad-Palanpur-Ajmer-Rewari. Proposed alignment of WDFC has been generally kept parallel to existing Indian Railway line except provision of detours at Vadodara, Ahmedabad, Palanpur and Phulera.

2.2 The Western Dedicated Freight Corridor (WDFC) alignment passes through five states viz. Maharashtra, Gujarat, Rajasthan, Haryana and Uttar Pradesh. It traverses Thane district in Maharashtra State, Valsad, Navsari, Surat, Bharuch, Vadodara, Anand, Ahmedabad, Gandhinagar, Mehsana, Patan and Palanpur districts in Gujarat, Shirohi, Pali, Ajmer, Jaipur, Sikar, Jhunjhunun and Churu districts in Rajasthan, Mehendragarh and Rewari districts in Haryana, Alwar district in Rajasthan again, and Mewat and Faridabad districts in Haryana, and Guatambudhnagar districts in Uttar Pradesh.

3.0 Dedicated Freight Corridor Corporation of India Limited

3.1 Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL), a public sector company has been set up under the Indian Companies Act 1956 for implementation of Dedicated Freight Corridor Project. Government of India is the sole shareholder of the DFCCIL.

4.0 Funding for the Project

4.1 922 km out of 1,506 km of Western Dedicated Freight Corridor (WDFC) from Vadodara to Rewari is being financed by the Japan International Cooperation Agency (JICA). The route alignment of WDFC indicating the corridor length being funded by JICA is attached as Annexure 2. The present stretch between Rewari and Ikbargarh of length 625 km is a part of Phase 1 between Rewari – Vadodara of total 922 km.

5.0 Project Phasing

5.1 The implementation of WDFC in the JICA funded portion of the project is planned in a phased manner. In the first phase 922 km long stretch between Vadodara and Rewari Section shall be constructed (Phase I). The balance stretch of 425 km from Mumbai to Vadodara, 127 km from Rewari to Dadri and 32 km from Pirthala to Tughlakabad (single line) will be constructed in the second phase (Phase II). The stretch of 625 km between Rewari – Ikbargarh out of total 922 km of Phase 1 between Rewari – Vadodara is covered under Package 1 and Package 2 for which the present Pre-qualification is planned.

Project Information of Phase – I : Vadodara – Rewari Section

6.0 Contract Strategy – Phase I

6.1 Implementation of Phase I of WDFC consists of three Design & Build Contracts incorporating Civil, Building and Track Works Contracts and four separate package Contracts. The Project contract packages are described below.

Package No.	Contract Package	Selection Method
1	Civil, Building and Track Works (Rewari – Ajmer)	Japan-tied (STEP)
2	Civil, Building and Track Works (Ajmer – Ikalgarh)	Japan-tied (STEP)
3	Civil, Building and Track Works (Ikalgarh – Vadodara)	Japan-tied (STEP)
4	Electrical & Mechanical (E&M) Works (Rewari – Vadodara)	Japan-tied (STEP)
5	Signal and Telecommunication (S&T) Works (Rewari – Vadodara)	Japan-tied (STEP)
6	Plant and Equipment (P&E) for Operation and Maintenance	Japan-tied (STEP)
7	Procurement-cum-Maintenance of Electric Locomotives and construction of a new Maintenance Depot and facilities for Electric Locomotives	Japan-tied (STEP)

6.2 The current Prequalification exercise is to identify suitable Bidders for the two Civil, Building and Track Works Contracts designated as Package 1 and Package 2.

6.3 The Systems Contract for Packages 4 to 7 is likely to be procured after processing the award of all Civil, Building and Track Works Contracts.

7.0 Pre-qualification of Bidders – Phase I

7.1 This Prequalification Document is issued for Civil, Building and Track Works Contracts designated as “Contract Package 1 and Contract Package 2” for: “Design and Construction of Civil, Buildings and Track Works for Double Line Railway involving Formation in Embankments/Cuttings, Bridges, Structures, Buildings, Ballast on Formation, Track Works including Testing and Commissioning on Design-Build Lump Sum Basis for Ikalgarh – Rewari Section of Western Dedicated Freight Corridor.”

8.0 Alignment of Ikalgarh – Rewari Section

8.1 Ikalgarh – Rewari stretch is located along Palanpur – Phulera and Phulera – Rewari lines of North Western Railway. Detour is planned at Phulera city for around 7 km length. The proposed alignment between Ikalgarh - Rewari is located on east side of existing IR. The proposed alignment of DFC is passing generally parallel to the existing IR network between Ikalgarh and Rewari. The alignment of DFC is taking detour to avoid city congestion at Phulera. Almost 90% of the proposed DFC alignment is passing parallel to existing IR network and 10% of the alignment is passing through detours.

9.0 Scope of Works of Phase I: Ikbalgarh – Rewari Section

9.1 General

- (1) The first phase of the western section of the Dedicated Freight Corridor, between Vadodara and Rewari for a length of 922km is to be constructed as double line electrified track with 2 x 25 kV AC, 50 Hz, overhead catenary system, capable of operating at a maximum train speed of 100km/h with an initial axle load of 25.0 tonnes. Formation and bridge structure are to be provided for 32.5 tonnes axle load and track structure for 25 tonnes axle load.
- (2) The total length of the line between Ikbalgarh and Rewari is approximately 625 km.
- (3) The Contractor shall undertake the design, construction, manufacture, supply, installation, testing and commissioning of the Civil, Structures, Buildings and Track works including and without limitation, the design, construction and removal of any Temporary Works.
- (4) In addition, the Contractor shall undertake the rectification of defects appearing in the Permanent Works in the manner and to the standards within the time stipulated by the Contract.
- (5) In full recognition of these objectives and with full acceptance of the obligations, the Contractor shall execute the Works taking into account all liabilities in accordance with the Contract.
- (6) The system design and its installation to be carried out through other Contracts which includes electrification of the line, new signaling and control systems, new telecommunication system, SCADA control system and procurement of electric locomotives and construction of depot.
- (7) The design of all the works will be operationally compatible with the other Indian Railways (IR) sections connecting to the DFC.
- (8) The Employer may decide to take over the constructed sections from the Contractor in a phased manner as per the Contract.
- (9) The Civil, Building and Track Works Contractor shall undertake interface coordination with the other Contractors, who shall be carrying out works forming part of this Project. There will be a continuous requirement of coordination between the two in respect of design of cable trenching, masts for overhead electrification, interlocking of points and crossings, construction of facilities for maintenance, other allied structures and subsequently during the installation of signaling and traction power systems and trial operation of locomotives.

9.2 Permanent Works

The permanent works shall comprise of but not limited to the design, construction, manufacture, supply, installation, testing and commissioning of:

- a) Track substructure including drainage, embankments, cuttings, blanketing, ballast, bridges (major/minor), underpasses, overpasses, etc.;

- b) Track superstructure including but not limited to setting out, benchmarking, rail and sleepers with fastenings, rail slab where necessary, turnouts, buffer stops, expansion joints, track signage, level crossing, road signage, etc.;
- c) Road overpasses and underpasses including approach ramps, substructures, surfacing, drainage facilities, guardrails and lighting in urban areas;
- d) Road connections for the roads affected by the railway line and relevant facilities;
- e) Remodeling of Level Crossing Gates and duty hut of Existing Indian Railways Network located on DFCC alignment;
- f) Construction of service road all along the DFC alignment;
- g) Platforms including drainage, fencing, pavement, etc.;
- h) Junction Stations and Crossing Stations with buildings and yard complexes including fencing, drainage, sewerage, craneage, and safety equipment;
- i) On-duty points for maintenance staff including fencing, buildings, drainage, sewerage, offices, stores, heating, craneage, lighting, E&M services and car parking, office equipment and furniture as kitchenware, bathrooms, beds etc., installation and safety equipment;
- j) Fencing to stations;
- k) Sign boards;
- l) Relocation of electric lines of 33 kV or less within the ROW; and
- m) Any other activity connected with the construction and commissioning of railways.

10.0 Salient Engineering Features/Performance Specifications

The indicative engineering features/performance specifications of the works are as given under:-

Project Features (Phase 1)

No.	Description	Details of Western Corridor
0	Alignment	
		Ikbalgarh – Ajmer - Rewari
1	Route length	
	- Total Length	625 km
2	Gradient	
	- Ruling gradient	1 in 200 (5/1000)
	- Steepest gradient in yards	1 in 1200 (0.83/1000) 1 in 400 (2.5/1000) exceptional case
3	Standards of construction	

No.	Description	Details of Western Corridor
	- Gauge	1,676 mm
	- Rails	60 kg/m UIC/90 UTS rail
	- Sleepers	PSC 1660 nos./km density for main line, 1,540 nos./km density for loop line & sidings
	- Points & crossings	60 kg rails, 1 in 12 with thick-web curved switches and CMS crossings on PSC fan shaped sleepers Minor loop lines and non-running lines, 1 in 8 1/2 turnout
	- Ballast	350 mm cushion
	- Maximum train speed	100 km/h
	- Type of traffic and axle load	Double stack container movement with 25 tonne axle load
4	Formation (Detour Route)	
	- Bank width for double line	13.5 m
	- Slope of embankment	2H: 1V
	- Cutting width for double line	15.9 m (12.9 m+1.5 m extra for each side for side drains)
	- Slope of cutting	1:1
	- Blanketing	0.60 m depth
5	Curves	
	- Maximum degree of curvature	2.5 degree curve (700 m radius)
	- Curve compensation	At the rate of 0.04 % per degree of curvature
6	Moving dimensions	
	- Vertical MMD	7.1 m for DSC
7	Vertical SOD	
		8.43/8.05 m for DSC
8	Track centres	
	Between two tracks of DFC	6.0 m
	Between existing track and DFC	7.0 m (normal) 6.0 m (exceptional)
9	Bridges	
	- Standard of loading	32.5 tonne axle load, 12.13 tonne/m trailing load
	- Total nos. of important bridges	11 nos. (total length 2326m)
	- Total nos. of major bridges	98 nos. (total length 4165m)
10	Road crossings	
	- Total nos. of Railway Crossing	189 nos.
	- Total nos. of Road Over Bridges (ROB)	6 nos.
	- Total nos. of Road Under Bridges (RUB)	135 nos.
11	Rail flyover	
	- Total Nos. of rail flyover	4 nos.
12	Stations	

No.	Description	Details of Western Corridor
	- Crossing stations Double line	16 stations
	- Junction stations	4 stations
	- Terminal stations	0 stations
13	Tunnel	
	- Number of tunnels	0
14	Land required	
	- Track	3,329 ha
	- ROBs	2 ha
	Total	3,331 ha
15	Detour Route	
	- Total length of Detour Route	7 km (approximately)
16	Signalling System	
	- Type of signalling	Automatic signalling using AF track circuit with advanced TPWS
	- Section length on double line	2 km between stations 1 km nearby station
17	Train Traction System	
	- Type of Train	Electric
	- Electrification system	25 kV AC
	- Type of feeding system	AT feeding system (25kVx2)
18	Train operation	
	- Operation Type	One manned operation without brake van
	- Maximum speed	100 km/h
	- Traffic capacity Double line Single line	140 nos. per day direction (4 hours maintenance block) 25 nos. per day direction(4 hours maintenance block)
	- Train length	686 m

Major Structural Features with approximate details are tabulated below at present

Structure	Package-1: 283 km (Rewari – Ajmer)	Package-2: 342 km (Ajmer – Ikalgarh)
1. Civil Works		
- Cutting	1.72 X 10 ⁶ cum	1.24 X 10 ⁶ cum
- Embankment	8.63 X 10 ⁶ cum	10.47 X 10 ⁶ cum
- Blanket	2.22 X 10 ⁶ cum	2.92 X 10 ⁶ cum
- Subgrade	3.04 X 10 ⁶ cum	4.31 X 10 ⁶ cum
- Important bridges	-	11 nos. (total length 2326m)
- Viaduct	1 no. (total length 1108m)	-
- Major bridge	15 nos. (total length 678 m)	83 nos. (total length 3487m)
- Rail flyover	3 nos.	1 nos.
- Minor bridge	270 nos.	505 nos.

Structure	Package-1: 283 km (Rewari – Ajmer) (total length 737m)	Package-2: 342 km (Ajmer – Ikbargarh) (total length 2384m)
- ROB*1	4 nos.	2 nos.
- RUB*2	75 nos.	60 nos.
- Railway crossing	109 nos.	80 nos.
2. Building Works	(Approximate Area 15,500 sqm)	(Approximate Area 18,200 sqm)
- Junction Station	3 locations (Approximate Area 6900 sqm)	1 location (Approximate Area 2,900 sqm)
- Crossing Station	6 locations (Approximate Area 8,600 sqm)	10 locations (Approximate Area 15,300 sqm)
- Maintenance Depot, MMU, Sub-Depots etc.	At Junction and Crossing Stations	At Junction and Crossing Stations
- Quarters & Offices	At Junction and Crossing Stations) Approximate Area 33,000 sqm)	At Junction and Crossing Stations) Approximate Area 34,000 sqm)
- Operation Control	1 location (tentative)	-
3. Track Works		
- Ballast	1.55x10 ⁶ cu.m	1.87 x10 ⁶ cu.m
- Route Km	283 km	342 km

Note: *1; Road-over-bridge (overpass), *2; Road-under-bridge (underpass)

Junction Stations and Crossing Stations are planned at the following locations:

No.	Name	Remarks	Package
CS 6	Sriamirgarh CS		Package 2
CS 7	Swarupganj CS		
CS 8	Banas CS	Connected with Cement siding	
CS 9	Keshavganj CS	Connected with Cement siding	
CS10	Biroliya CS		
CS11	Jawali CS		
JS 5	Marwar JS	Connected with Marwar Jn.	
CS12	Chandawal CS		
CS13	Haripur CS		
CS14	Bangurgram CS		
CS15	Saradhana CS		
CS16	Kishangarh CS		
CS17	Sakun CS		
JS 6	Phulera JS	Connected with Jaipur area & Phulera Jn.	
CS 18	Pachar Malikpur CS		

CS19	Shrimadhpur CS		Package 1
CS20	Baghega CS		
CS21	Dabla CS		
JS 7	Ateli JS	Connected with CONCOR ICD and Kathuwas IR station	
JS 8	Rewari JS	Connected with Hisar Jn.	

11.0 Technical Specifications and approved vendors/suppliers

11.1 Research Design and Standards Organizations (RDSO), Lucknow, India, an organization of Ministry of Railways, Government of India has standardized the technical specifications for various components of railway systems in India as Indian Railway and adopted to Indian conditions. The list of IRS Specifications issued by RDSO is available at the website of RDSO (www.rds.gov.in). The IRS Specifications can be purchased from RDSO.

11.2 The Employer's requirements to be included as part of the bidding document for this work will generally conform to the IRS Specifications.

11.3 RDSO maintains an approved list of suppliers/vendors for various equipments/items/components to be used on railway systems in India. Bidders shall be free to obtain equipments/items from the suppliers/vendors on approved list of RDSO or any other sources provided the equipment/item meets the technical requirements/acceptance criteria which will be indicated in the Bidding document.

11.4 The list of suppliers/vendors approved for various items are available at the website of RDSO. Procedures for registration of the new suppliers/vendors for railway equipments/items are also available at the website of RDSO. The bidders are advised to visit the website of RDSO for further information about the registration of new products.

12.0 Utilities

12.1 The utilities have generally been identified as part of the field data collection by the Employer. However, there is always possibility of some the unidentified utilities to be found during the construction period. These utilities shall be relocated as detailed below:

- (1) Indian Railways existing OHLE Structures and Traction Power Installations infringing with DFCC Structure shall be relocated/modified by the Employer.
- (2) All the trees (more than 300mm girth), structures, charted Over ground and Underground Utilities e.g. water pipe line, sewerage pipe line, signaling or communication cables, electric lines (other than 33 kV and less overhead electric lines) shall be removed / relocated / modified by the Employer through relevant Owners.
- (3) All the trees (of girth 300mm or less), uncharted utilities (if any) and electric lines of 33kV or less within the Right of Way shall be removed / relocated as part of this Design and Built Contract

13.0 Interfacing with Other Contractors

13.1 Ikbalgah - Rewari section shall be electrified with 2x25 kV Systems and provided with Automatic Signaling. The Civil, Building and Track Works (CB&TW) Contractor(s) appointed

through this PQ exercise following the Two Stage Bidding process shall be required to interface, coordinate and cooperate with the project wide Systems Contractor engaged to execute the Signalling, Telecommunications, Electrification and SCADA Works in such a way that complete Railway System is commissioned successfully in a timely manner. The CB & TW Contractor(s) are expected to provide the Systems Contractor the necessary access on the temporary roads constructed by them to enable the Systems Contractor to undertake their component of work. Any other costs involved other than the access road, the parties will negotiate cost sharing arrangements amongst themselves. Detailed Interfacing Requirements shall be provided in the Bid Documents.

2. Construction Period

- 2.1 The Project involves Design of Alignment, Formation, Bridges, Structures, Buildings and Track including Flyovers/ROB/RUB followed by construction, Integrated Testing and Commissioning and integration with existing IR System and maintaining the constructed railway during the defect liability period for the axle load and speed potential defined in Para 9.1 (1) of Description of Works above.
- 2.2 The Construction Period will be around four (4) years (including Design, Construction, Tests on Completion) from the date of the Commencement. The Design-Build Contractor shall be required to plan the various components of work in such a sequence that the complete work is commissioned in the designated time period from the date of the Commencement. This will be followed by the Defects Notification Period of one year from the date of Taking-over Certificate for whole of the Works.
- 2.3 General Consultant appointed by DFCCIL will be the Engineer for the project and will perform the role as specified in Clause 3 Condition of Contract – Plant & Design Build FIDIC Yellow Book 1999 and as supplemented or amended through Particular Conditions of Contract.
- 2.4 As a part of the Bid Documents, the Pre-qualified Bidders will be provided with Employers Requirements, Concept Design, Specifications, Drawings and the other available indicated field data e.g. (i) Alignment Survey, (ii) Geotechnical (iii) Hydrological Calculations for Discharge/HFL of Bridges.
- 2.5 The Site Data provided as a part of the Bid Documents by the Employer is based on the investigation carried out by the Employer. The Bidder shall interpret the Site Data in accordance with Sub-clause 4.10 in the Conditions of Contract – Plant & Design Build FIDIC Yellow Book 1999.
- 2.6 The Employer's Requirements/Specifications provided as part of the Bid Documents specify the procedural requirements for the preparation of the design of the Permanent and Temporary Works.
- 2.7 The Contractor shall engage the Designer who will undertake and prepare the Design of the Permanent Works and Temporary Works. The principal requirements of the Design Phase are the production of the Inception Report (including Preliminary Design), the Technical Design, Technical Drawings, Construction Design and Construction Drawings and As Built Record.
- 2.8 The Technical Design shall incorporate the Contractor's Technical Proposals and shall be the design developed to the stage at which all elements of permanent way, structures including bridges are fully defined and specified. During the preparation of the Technical Design, the Contractor shall complete all surveys, investigations and testing necessary to complete the design of the Permanent Works.
- 2.9 Upon issuance of the approval, or a deficiencies list, by the Engineer in respect of the Technical Design Submission, normally within twenty eight days (28 days), the Contractor shall complete the design in all respects and produce the Technical Drawings, the purpose

of which is to illustrate all the Permanent Works and to be the drawings governing construction.

3. Site and Other Data

3.1 Project Area: The Works will be carried out between Ikbargarh and Rewari in the states of Gujarat, Rajasthan and Haryana. The proposed alignment will pass across the almost flat Indo Gangetic plain and will mostly be parallel to the Delhi-Rewari-Ikbargarh single line section of Indian Railways. There will be some deviations from this route to avoid stations and some urban areas at Phulera.

3.2 Hydrology: The rivers have not seen water flow for several years, except when heavy rainfall was observed. In such case, flooding has been experienced once a several year return period.

3.3 Climate: The climate in Rajasthan, where the majority of WDFC's alignment lies, is described as follows:

The climate of the Project area can be divided into four seasons: Summer, Monsoon, Post-Monsoon and winter.

The Summer, which extends from April to June, is the hottest season, with temperatures ranging from 32 to 46°C in western Rajasthan.

The Monsoon season extends from July to September, temperature drops, but humidity increases, even when there is slight drop in the temperature ranging between 35 and 40°C. Rainfall in this season records 90% of annual rainfall during this period.

The Post-Monsoon period is from October to November. The average maximum temperature is between 33 and 38°C, and the minimum is between 18 and 20°C.

The fourth season is winter or the cold season, from December to March. There is a marked variation in maximum and minimum temperatures. January is the coolest month of the year, and temperature may drop to 0°C in some cities of Rajasthan, like Churu and Mount Abu. There is slight precipitation in the north and northeastern region of the state of Rajasthan, and light winds, predominantly from the north and northwest. At this time, relative humidity ranges from 50% to 60% in the morning, and 25% to 35% in the afternoon.

Annual rainfall will be between 35 and 50cm in Rajasthan State around the Ajmer area. Annual rainfall in other major cities is recorded as follows:

Temperature, Precipitation in India along the proposed Western Line

New Delhi

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	
Mean High Temp (°C)	21.1	24.2	30	36.2	39.6	39.3	35.1	33.3	33.9	32.9	28.3	23	
Mean Low Temp (°C)	7.3	10.1	15.4	21.5	25.9	28.3	26.6	25.9	24.4	19.5	12.8	8.2	
Precipitation (mm)	20.3	15	15.8	6.7	17.5	54.9	231.5	258.7	127.8	36.3	5	7.8	797.3

Jaipur

Mean High Temp	22.5	25.7	31.5	37	40.3	39.3	33.9	32	33.2	33.4	29	24.4	
Mean Low Temp	7.8	10.7	15.8	21.4	25.4	27.2	25.5	24.3	22.9	18.6	13.1	9.1	
Precipitation	7.9	11.7	6.1	4.1	16.2	66	216.3	231.2	80.3	22.6	3.2	3.3	668.9

New Delhi and Jaipur are belonging to Steppe Climate. Temperature rises from Apr to Jun.

It rains from July to Sep by a seasonal wind called "Monsoon" From Oct to March, dry season comes.

Data; world Meteorological Organization

3.4 Access to Site:

Access to the Site areas is available through various roads as described below.

- Between Ikbargarh and Abu Road; The National Highway NH-14 Above national highway is continuously provided with state border check point. providing weigh scale for trucks at Amirgadh in Gujarat State nearby the border between Gujarat/Rajasthan States
- Between Abu Road and Beawar; National highway NH14 is available with 1-lane which is under construction to widen to 2-lane at some locations

- Between Beawar and Kishangarh (through Ajmer); National highway NH8 is available with 2-lane road which is under construction to widen to 3-lane and flyovers
- Between Kishangarh and Rewari; National highway NH8 is available through Jaipur with 2-lane and 3-lane road. The 2-lane road is under construction to widen for 3-lane road with flyovers. Traffic congestion is sometimes observed at city areas of Chandwaqji, Sharpura, Bhabhru, Pragpura, Kot Putli and Behror because of 2-lane road and of under construction for widening and for flyovers. Access to railway construction site between Kishangarh and Rewari are available through local roads. Those local roads are paved with asphalt having 1-lane carriage way. Road conditions of such roads are damages in some locations with pot holes.

3.5 Transportation and Communications Facilities:

Transportation and communication facilities are well developed in India. Those facilities along WDFC's alignment are described below.

- Track transportation by road is well developed in Western Area of India.
- Railway transportation is also well developed in this area.
- Cargos can be transported from Mumbai seaport.
- Airport is located at Jaipur (nearby Sangar).
- Public telephone facilities are well developed whole stretch of WDFC alignment.
- Mobile phones are also well developed whole stretch of WDFC alignment.
- Internet access is available in the whole country of India with wire or wireless. Connection speed is depending on providers.

3.6 Medical Facilities

- General hospitals are available in major cities, such as Ajmer, Jaipur and Rewari.
- Other hospitals are also available in every city area.
- Clinics are also available in villages along with WDFC alignment.
- Injections are all disposal type in order to prevent from transfer of any type of diseases.

ANNEXURE 1

EVALUATION CRITERIA

1.00 GENERAL EVALUATION RULES

1.01 Generally

- (a) Evaluation of the Applications will be undertaken by DFCCIL with the assistance of the Consultant based upon the information submitted by the Applicants in response to this Invitation for Prequalification.
- (b) All Application Forms contained in this Document must be fully and properly completed and all must be returned, as they will be reviewed exactly as submitted and errors or omissions will be counted against the Applicant.
- (c) At their own option, DFCCIL may request further clarification or confirmation of any aspects which they feel will assist in the evaluation process.
- (d) DFCCIL reserves the right to waive minor deviations or omissions in any Application if, in their opinion, they do not materially affect the capability of an Applicant to perform the Contract.
- (e) Any Applicant who is found out to have intentionally submitted false or inaccurate statements/information shall be disqualified from the Bidding process, and may also be disqualified from all future projects of DFCCIL.

1.02 Basic Method of Evaluation

- (a) Evaluation of the Prequalification Applications shall be made successively in two (2) Stages, on the following basis:

Stage 1: Preliminary Screening

Administrative Evaluation with eligibility - **Pass or Fail Basis.**

Stage 2: Minimum Requirements Evaluation

Annual Turnover, Previous Experience, Financial Position, Litigation History, - **Pass or Fail Basis.**

- (b) Minimum qualification criteria have been established for each item in each Stage.
- (c) Applications failing to reach such minimum criteria in any Stage will be deemed to have failed the evaluation process at that Stage.

2.00 STAGE 1 PRELIMINARY SCREENING (ADMINISTRATIVE EVALUATION)**2.01 General**

- (a) Under this Stage, Applications will be reviewed to check general compliance with the submission requirements of this Prequalification Document.
- (b) Evaluation will be made on a Pass or Fail Basis.
- (c) If, following this Stage 1 review, an Applicant has failed to comply with any item, the Application will fail the evaluation at this Stage.
- (d) The following aspects will be reviewed at this Stage:
 - (i) Completeness of submission, correct legal authority of the Applicant's official representative, letter of intent to enter into a Joint Venture (in case of joint venture / association), correct signing and initialling of pages and general compliance with all of the submission requirements of this Prequalification Document;
 - (ii) Lack of submission of any of the official Application Forms without obvious reason;
 - (iii) Lack of signature by the Applicant's Official Representative on any of the official Application Forms;
 - (iv) Lack of Power of Attorney or Notarial Certificates for the Applicant's Official Representative on Form ELI 1.1;
 - (v) Lack of Signature by an Independent Public or Chartered Accountant on Form FIN-3.1 and Form FIN-3.2;
 - (vi) In the case of joint ventures, lack of signature of all partners or lack of Power of Attorney on Form ELI-1.2.

3.00 STAGE 2 MINIMUM REQUIREMENTS EVALUATION (ANNUAL TURNOVER, PREVIOUS EXPERIENCE)

3.01 Generally

- (a) Applications which have passed the Stage 1 Evaluation will be reviewed to ascertain whether the Applicant has complied with the Minimum Prequalification Requirements as stipulated in the Instructions to Applicants Para. 4. Qualification Criteria and Para. 5. Joint Ventures (if applicable).
- (b) Evaluation will be made on a Pass or Fail Basis.
- (c) If, following this Stage 2 review, an Applicant has failed to comply with any item, the Application will fail the evaluation at this Stage.
- (d) The various aspects listed in the following Paragraphs will be reviewed at this Stage:

3.02 Eligibility

- (a) Applications will be checked for compliance with Qualification Criteria and Requirements 1.1 to 1.3.

3.03 Historical Contract Non-Performance

- (a) Applications will be checked for compliance with Qualification Criteria and Requirements 2.1 and 2.2, considering the year, the number and the nature of any disputes.
- (b) Applicants, or each Partner of a Joint Venture and each Principal Named Sub-Contractor, will be evaluated separately.
- (c) Non-performance of a contract did not occur within the last number of years specified in the Prequalification Documents, prior to the deadline for application submission based on all information on fully settled disputes or litigation.
- (d) All pending litigation shall in total not represent more than the percentage, specified in the Prequalification Documents, of the applicant's net worth and shall be treated as resolved against the applicant.

3.04 Net Worth

- (a) Applications will be checked for compliance with Qualification Criteria and Requirements (QCR) 3.1.
- (b) In the case of joint ventures, the requirement on net worth shall be met individually by each partner of the joint venture in accordance with QCR 3.1.

3.05 Average Annual Turnover

- (a) Applications will be checked for compliance with Qualification Criteria and Requirements 3.2.
- (b) In the case of joint ventures, the summary of relevant data on annual turnover for each of the partners will be checked to ensure the correct addition for the joint venture's total collective ability.
- (c) In the case of Applicant applying for plural Packages, annual turnover requirement shall be the total amount of annual turnover for one Package multiplying number of Packages applied.

3.06 Previous Experience

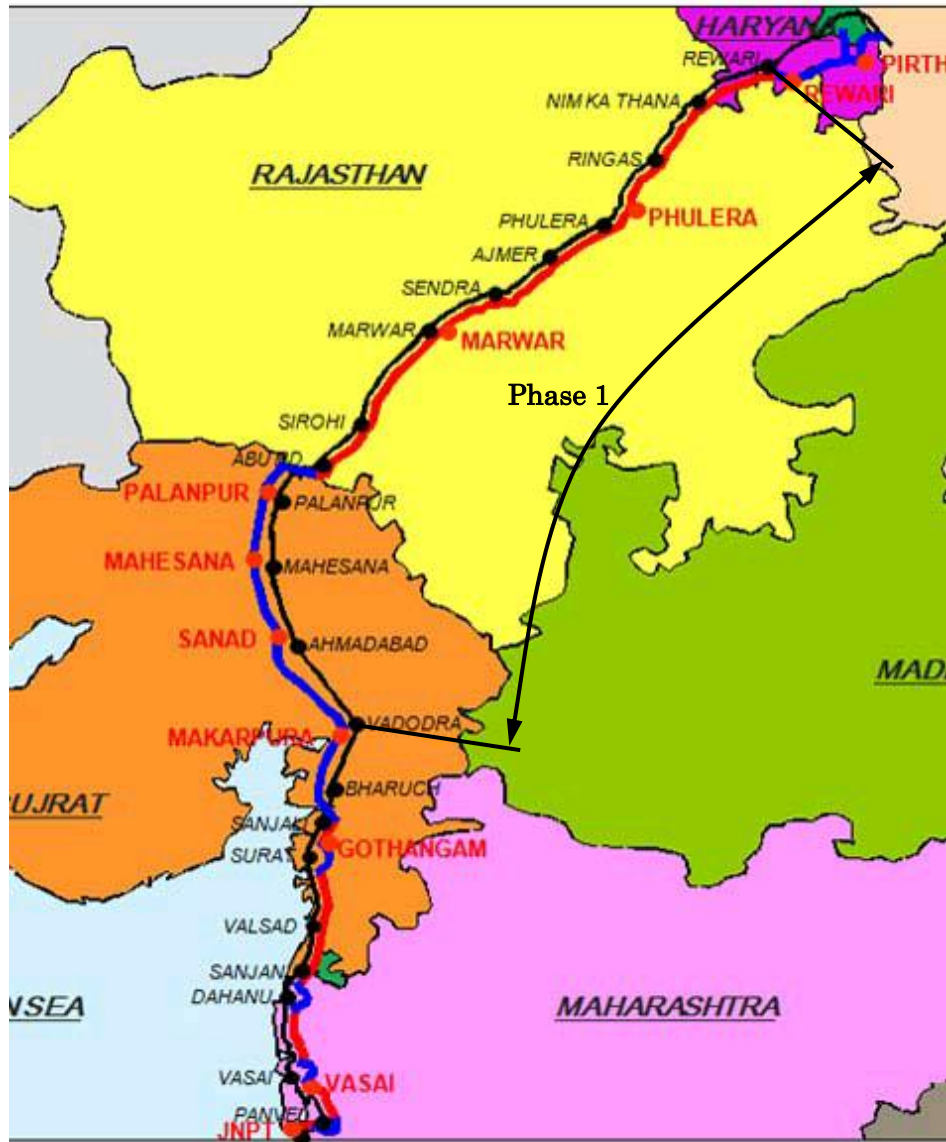
- (a) Applications will be checked for compliance with Qualification Criteria and Requirements of 4.2(b) and 4.3(b) for one package or both package as the case may be.
- (b) The Applicant must meet all of the particular requirements of the Instructions to Applicants in order to pass this stage of the Evaluation.

3.07 SELECTION AND PREQUALIFICATION OF APPLICANTS

- (a) The result of Prequalification shall be subject to the approval of DFCCIL and the review and concurrence of JICA.
- (b) Applicants who pass all stages of the evaluation as reviewed and approved by JICA and concurred by JICA, will be deemed to have passed the Prequalification process, and then they will be invited to bid for the succeeding Tender to be called by DFCCIL.

ANNEXURE 2
GENERAL LOCATION MAP

डेडीकेटेड फ्रेट कारीडोर
DEDICATED FREIGHT CORRIDOR
(WESTERN)



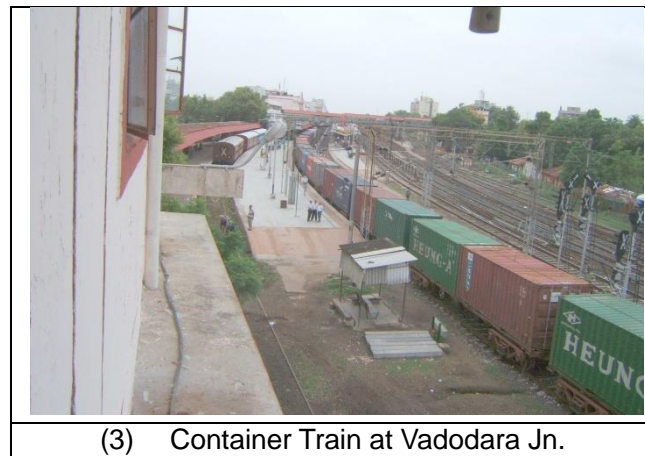
ANNEXURE 3

SITE PHOTOS

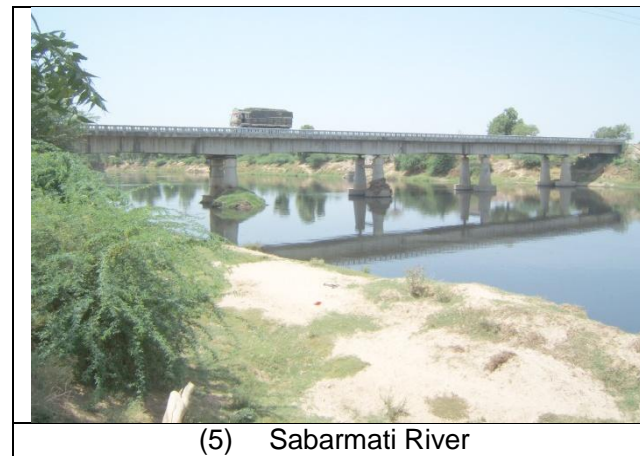
Makarpura Junction Station (Vadodara) [STA0.000] – Sabarmati Junction Station [STA143.3] – [STA190.0]



(1) Makarpura Stn. (viewing towards JS)



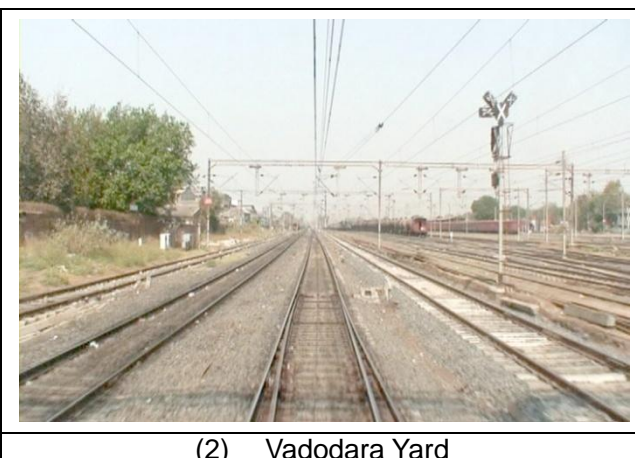
(3) Container Train at Vadodara Jn.



(5) Sabarmati River



(7) Viewing towards Sabarmati JS



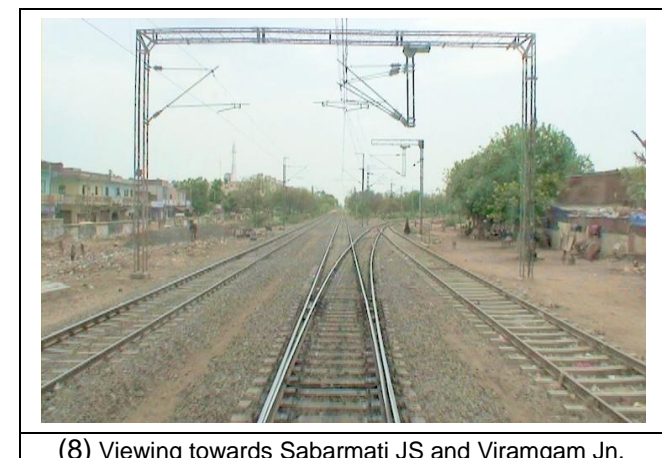
(2) Vadodara Yard



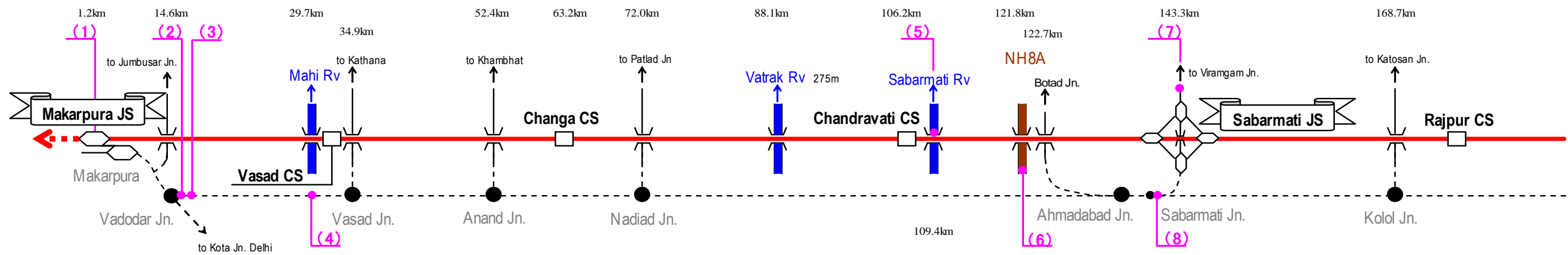
(4) Mahi River



(6) NH8A



(8) Viewing towards Sabarmati JS and Viramgam Jn.



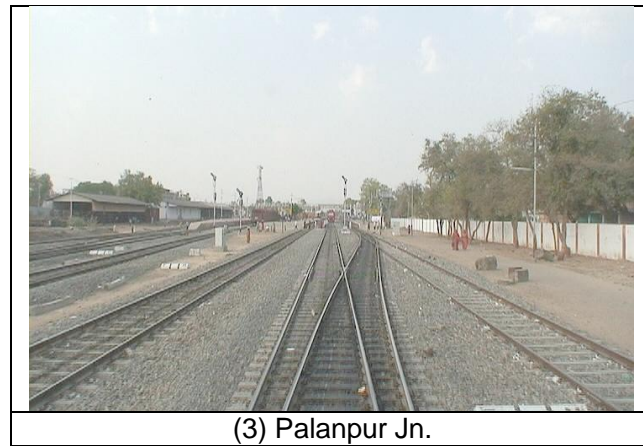
LEGEND

JS (Junction Station)	Bridge	DFC Alignment	Existing Line (Parallel/Overpass)
CS (Crossing Station)	River	Existing Line (Detour)	Major Road
Existing Major Station	Note: Km Chainage is approximate and for reference only.		

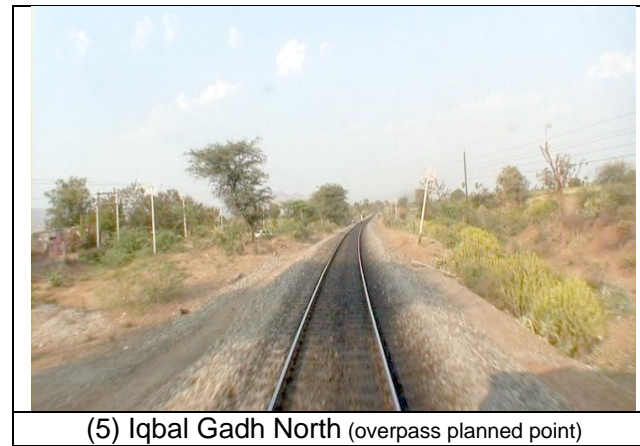
[STA190.0] – Mahesana Junction Station [STA202.4] – Palampur Junction Station [STA280.7] – [STA380.0]



(1) Mahesana Jn.



(3) Palampur Jn.



(5) Iqbal Gadh North (overpass planned point)



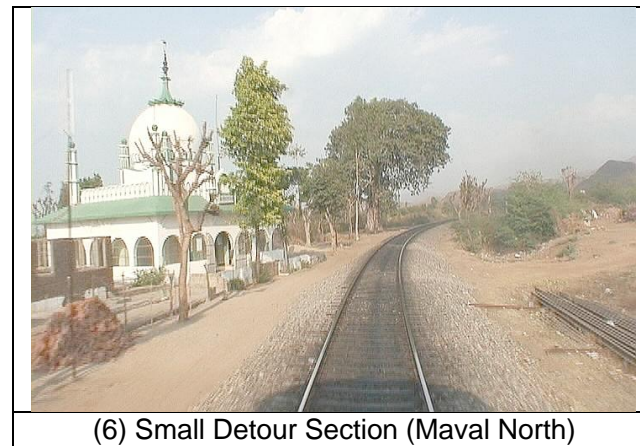
(7) Road under Construction (Kivarli North)



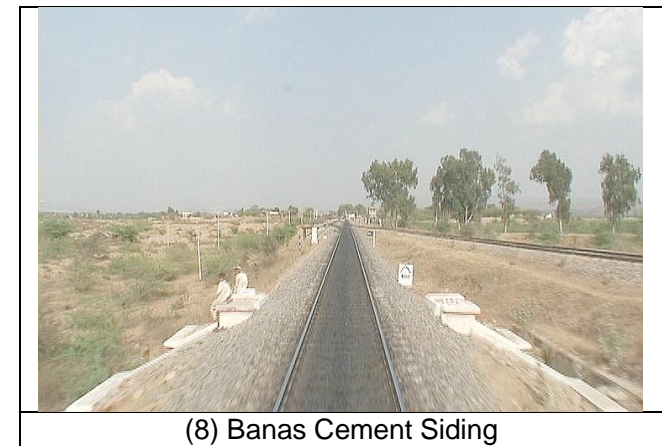
(2) Saraswati River



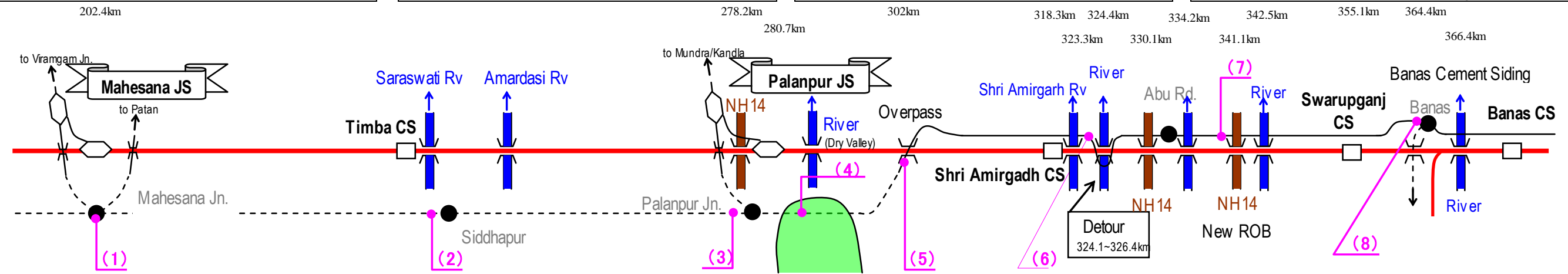
(4) Wildlife Sanctuary



(6) Small Detour Section (Maval North)



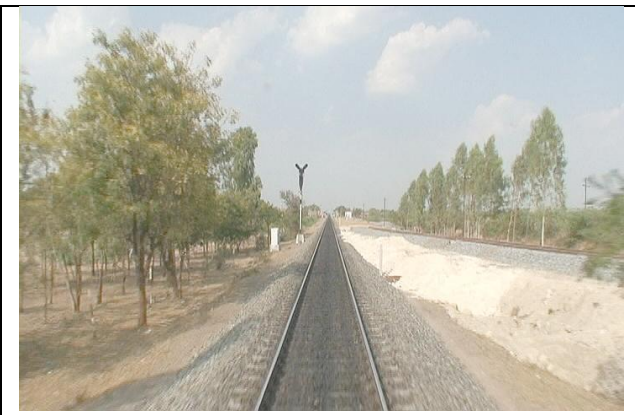
(8) Banas Cement Siding



LEGEND

	Note: Km Chainage is approximate and for reference only.	

[STA380.0] – Manwar Junction Station [STA492.7] – [STA570.0]



(1) Keshavganj Cement Siding



(3) Marwal JS Site



(5) Bar South



(7) Cut, Sendra South



(2) River, Rani North

383.6km 397.9km 414.1km



(4) River, Sojat Rd. North

426.6km 434.5km 447.8km 460.3km 465.1km 471.7km 476.6km 482.7km 490.6km 492.7km

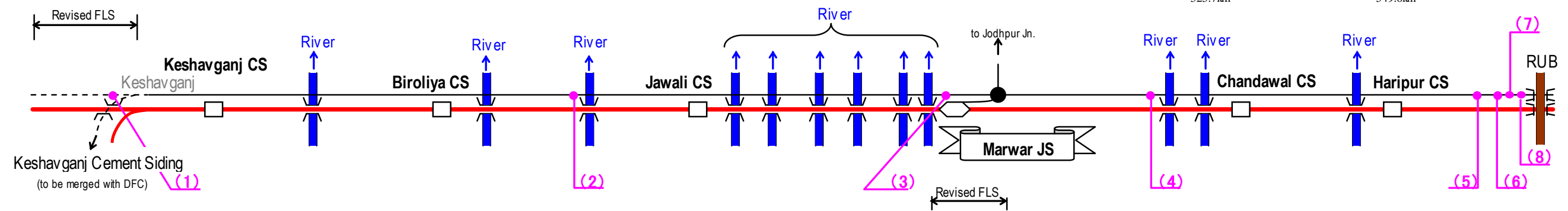


(6) Bar North



(8) ROB, Sendra South

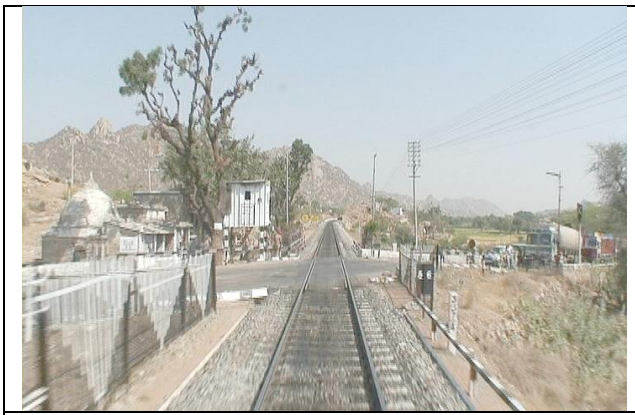
520.4km 530.4km 544.3km 549.6km 568.3km



LEGEND

JS (Junction Station)	Bridge	DFC Alignment	Existing Line (Parallel/Overpass)
CS (Crossing Station)	River	Existing Line (Detour)	Major Road
Existing Major Station	Note: Km Chainage is approximate and for reference only.		

[STA570.0] – Phulera Junction Station [STA492.7] – [STA570.0]



(1) NH 14 (to be remodeled)



(3) Bagrumgram Cement Siding



(5) NH8 Bypass, Madar North



(7) NH8 Bypass, Kishangarh



(2) Benwar West (to be shifted)



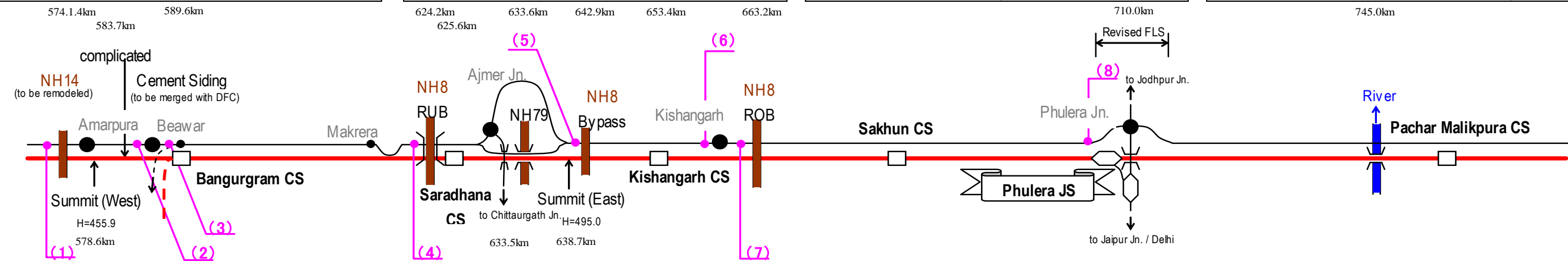
(4) NH8, Daurai South ROB (under construction)



(6) Kishangarh South



(8) Phulera South (Phulera JS, right)



LEGEND

JS (Junction Station)	Bridge	DFC Alignment	Existing Line (Parallel/Overpass)
CS (Crossing Station)	River	Existing Line (Detour)	Major Road
Existing Major Station	Note: Km Chainage is approximate and for reference only.		

[STA760.0] – Rewari Junction Station [STA920.0]



(1) Ringus South



(3) Neem Ka Thana



(5) Proposed Rewari JS Site



(7) Dadri ICD



(2) NH11 ROB (to be raised)



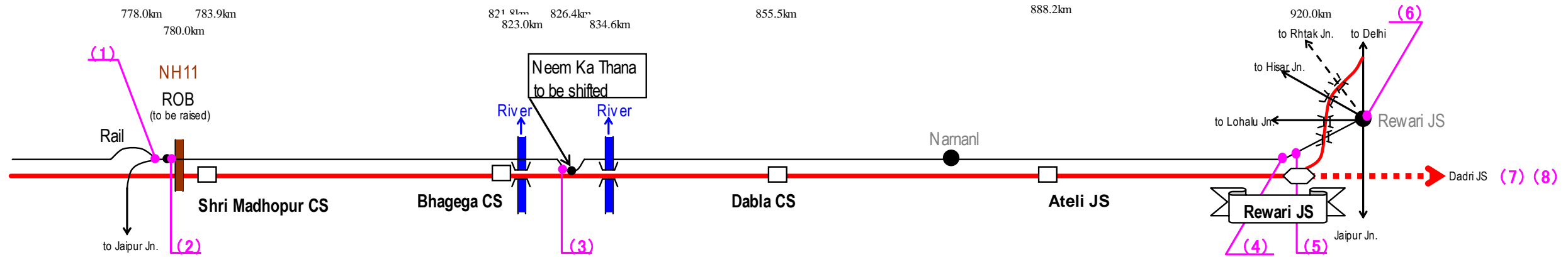
(4) Khori



(6) Rewari Jn.



(8) TKD ICD



LEGEND

	JS (Junction Station)		Bridge		DFC Alignment		Existing Line (Parallel/Overpass)
	CS (Crossing Station)		River		Existing Line (Detour)		Major Road
	Existing Major Station	Note: Km Chainage is approximate and for reference only.					

FEQUENTLY ASKED QUESTIONS AND CLIENT'S CLARIFICATIONS
(For General Reference of the Applicants)
(Ref. para no 11 of Invitation for Pre-qualification)

Sl. No.	Section No.	Page No.	Clause No.	Title	Questions	Client's Response
1.	IFP	v	Para 4	"in case where the prime contractor is a joint venture, such joint venture will be eligible provided that the nationality of the lead partner is Japan, that the nationality of the other partners is Japan and/or India"	The work is to be executed in India, we are forming a Joint Venture/Consortium with Japanese party as a Lead member of consortium and we are mentioning official address of consortium in India, whether it is acceptable to you? Kindly clarify.	Yes.
2.	II	12	ITA 14	Documents Establishing the qualification of the applicant	kindly confirm that the submission certificates duly certified by Client (mentioning work experience) does not required to be endorsed by public notary and/or Indian Embassy/ Hague Convention apostille for the lead Partner.	Public notary and/or Indian Embassy/ Hague Convention apostille certification for the lead Partner is not required.
3.	III	7	4.2b	Experience in Key activities i.e. in 4.2b (1), (2), (3) & 4	We understand that the quantity mentioned for the respective experience shall be from a calendar year or financial year. Works executed certificate/Running Account bills (RA bills) from currently running projects showing quantity executed is acceptable. Kindly clarify?	Please refer para 4.2 (a) and 4.2 (b) of Section III: Qualification Criteria and Requirements
4.	I	4	ITA 4.1 (b)	Nomination of Representative & authority	We understand that Consortium / Joint Venture / Association has to authorize/nominate a person (individual) to sign and submit all the documents, correspondences to client, if JVA is pre-qualified, during the bidding process and in the event the JVA is awarded the contract, during contract execution. Joint Venture company can give such authorization/nomination to any person of the Joint venture partner and such authorization through the POA (Power of Attorney) duly signed by all the Joint venture partner. Kindly Confirm.	No. A Representative who shall be from Lead Partner and have the authority to conduct all business for and on behalf of the JVA during the prequalification process and, in the event the JVA is prequalified, during the bidding process, and in the event the JVA is awarded the Contract, during contract execution. Therefore authorization through the Power of Attorney, duly signed by authorized representatives of all the consortium / JV / association partners needs to be submitted.
5.	III	8	4.2 b(1)	4 x10^6 cu.m. of earth fill in any one year (calendar year or financial year)	1) Since the excavated material is generally filled at the respective tip areas to grade, we understand that all kind of earthwork in excavation/ filling including pond ash fill shall be	No, earthfill and Blanketing for Permanent Work shall only be considered.

				(To be pre-qualified for both Package, the applicants must comply experience in key activities two times, the above individual key experience)	considered as eligible qualifying quantities. Please confirm. 2) If the bidder has executed 40 Lakh cum in one year (calendar or financial year) and the bidder or its partner has 40Lakh cum in another year (calendar or financial year) also within the span of last 10 years, will it be considered for pre-qualification for combined package?	No. The maximum output in respect of one partner in any one year during the past ten years will be considered. It can be different period (one year) for different partners.
6.	III	8	4.2 b(3)	Building having total floor area of 12,000 sq.m in any one year (calendar year or financial year)	As per ITA 24.1, ' the credentials of Associated, Parent Companies or sister companies shall not be considered unless they are part of JV". We understand that as per ITA 24.1, if a 100% subsidiary of the applicant/ member of JV has executed the quantity as required in 4.2(b)(3), the credentials of the subsidiary shall be considered as that of the holding company and therefore, subsidiary need not to be a partner in the JV. Please confirm	No. Credentials of the subsidiary can be considered only if it's a part of the JVA
7.	III	8	4.2 b(4) Foot Note -2	Mechanized Track Laying means: "Laying or relaying of rail panels of 260 meters or more welded by mobile/ stationery/ flash butt welding plant under control conditions in depots. Track Linking by use of portals, cranes, rail threader, track laying machines and use of tamping machines, dynamic track stabilizers, shoulder ballast compactors for making rack fit for traffic movement	We feel that the criteria of 260 mtr or more is on the higher side. Instead we suggest if the applicant/ sub-contractor has laid track directly with at least 65 mtr (25% of the length) welded rail panel which had been welded by mobile/ stationery/ flash butt welding plant under control conditions in depots and later converted to 260 mtr or more welded rail panel by welding at site, the same may please be allowed as the end result is the same except the approach in methodology.	No change
8.				Nos. of JV Partners	Kindly specify the maximum no of JV partners allowed	No limitation.
9.	IFP	v	6	Purchase of PQ Documents	Kindly clarify if the PQ documents can be purchased by any one member on behalf of JV	Yes.
10.	II	11	ITA 2.1	The amount of a Japanese ODA Loan is: Ninety billion Two hundred Sixty Two million Japanese Yen (JPY 90,262,000,000)	The ODA loan amount indicated is for the entire Phase-1 i.e Rewari to Vadodara or for the contract package 1 & 2 (Rewari - Ikbargarh section) for which this PQ is invited. Also, whether Govt. of India will be additionally funding for the project and to what extent. Kindly Clarify and confirm.	This Loan amount is a part of Phase-1 cost. Query is not relevant.

11.	III	7	4.2(a)	Specific Construction Experience - The Works pertaining to Railways, Highways, Sea/Air Ports, Dams/ Hydroelectric Power Projects (HPP) and Irrigation Projects shall only be considered.	It is requested to consider the works pertaining to Thermal Power Projects (TPP), Heavy Industries and refineries as those projects are also of considerable size and complexity. PI. Confirm.	No change in the list is considered necessary
12.	III	3-10	4.2(b) – (Per Package)	Compliance requirements – Joint Venture or Association classification	In case of an applicant participating in the Prequalification as a Joint Venture with Japanese lead partner, kindly define “partner” and “sub-contractor” who can join the joint venture.	Refer to Section V List of Eligible Countries of Japanese ODA Loans.
13.	III	8	4.2 (b)- (Per Package)	Key Activities – (2) 70,000 cu.m concrete of bridges/flyover/culverts in any one year.	It is requested to consider the concreting executed for Thermal Power Projects (TPP), Heavy Industries and refineries as those projects are also of considerable size and complexity.	No change
14.	IV	6	10, Project Features (Phase-1)		It is requested to indicate the Estimated Project Cost.	No. Bidders to assess
15.	II				Whether the entire land required for the development of corridor, including stations and detours is in the possession of the employer (DFCCIL). PI. confirm.	DFCCIL has acquired more than 90% of the land required (ROW) for these two packages. It is envisaged that the land required for these two packages will be in possession of DFCCIL before the DB Contractor is in position
16.	II	13	ITA 24.3	The Employer will prequalify Applicants for each contract separately. Applicants shall indicate in their applications for which contract they wish to be prequalified.	Whether post bidding the work shall be awarded to a single lowest bidder in both the packages. Kindly clarify.	Yes, there is a possibility.
17.	III	4	2.2 Pending Litigation	Qualification Criteria and Requirements	The Applicant does not have any litigations which may negatively impact to its performance of this project, however, there are several small litigations which does not affect for this project. Even in case it is obvious that all pending litigation (including arbitration) in total represents very small comparing with the Applicant's net worth and do not affect to the execution of the contract(s), is it still	Applicant is required to list all of pending litigations (including arbitration) in the construction contracts.

					required to list up all litigation cases? Please kindly consider waiving such requirement in the above case.	
18.	III	5	3.2 Average Annual Constructi on Turnover		<p>It is described that “Minimum average annual construction turnover as total certified payments received for contracts in progress or completed, which the last five (5) years.”</p> <p>1) Please kindly re-confirm that, in case of Joint Venture or Association, this clause means each partner shall complies with US\$250 million in total for 5 years (US\$200 million x 25% x 5 years) as Annual Construction Turnover.</p> <p>2) It is required to calculate Annual Construction Turnover based on “certified payments”. However, please kindly change “certified payments” to “turnover”. Reason: We understand that the turnover shall correctly describe the information which the Employer wants. In case of the joint venture or consortium under which the Applicant is responsible for the project jointly and severally together with its partner(s), the turnover and the income payment shall not be necessarily the same and the turnover shall be used.</p> <p>3) In order to confirm the Annual Construction Turnover, please kindly confirm that the self declaration certified by the director is acceptable.</p>	<p>This is one of requirements. Please refer to requirements for “All Partners Combined” and “At Least One Partner”.</p> <p>No. Construction turnover is the accumulated amount of “certified payments received” over the last 5 years.</p> <p>No, with authorized declaration by competent third party (chartered accountant)/external auditor.</p>
19.					In case qualifying works have been executed in joint venture, we understand credit proportionate to % participation in JV or as per actual scope shall be considered. Please confirm.	Yes, Please quantify on an actual work execution basis in a JV.
20.	III	8	Clause 4.2(b)-1		Please confirm that total earthwork experience comprising of cutting/ excavation and filling shall be counted towards qualifying experience.	No, earthfill and Blanketing for Permanent Work shall only be considered.

21.					Reference to Building Floor Area Experience, please clarify how experience will be calculated in one year (calendar or financial) because unlike earthwork or concreting, construction of buildings in terms of floor area or built-up area cannot be month-wise / year wise calculated unless you allow linear interpolation. For example, can a building of 42000 SQ Mt constructed in 21 months be considered as "24000 SQ Mt in 12 months" considering linear interpolation? Please clarify.	Yes.
22.	III	3	4.1	An Applicant may be a single entity or any combination of entities in the form of Joint venture or association (JVA) with the formal intent, as evidenced by a letter of intent, to enter into an agreement or under an existing agreement.	We understand that a Joint Venture or Association or Consortium with formal intent evidenced by a letter of intent to enter into an agreement is eligible for the tender. However, there is no format for the letter of intent or agreement provided in the document. We feel a standard format for the letter of intent and agreement should be provided to have uniformity among all the applicants.	There is no prescribed format, however such letter of intent must satisfy the requirements of the ITA 4.1 and Form ELI-1.1.
23.	I	4	4.4	A subcontractor in any application may participate in more than one application, but only in that capacity.	A subcontractor should be allowed only with one applicant. Same subcontractor in more than one application may result into uncompetitive rates for the work proposed to be executed through him.	No. Sub-contractor is permitted to participate with more than one Contractor as described in ITA 4.4.
24.	II	13	23.2	At this time, the Employer does not intend to execute certain specific parts of the works by subcontractors selected in advance by the Employer.	A clarification is required.	The Employer does not intend to designate nominated subcontractor.
25.	III	8 and 9	4.3 (a) and 4.3 (b)	It specifies the requirement of design experience.	A clarification is required whether a Detailed Project Report (DPR) of a project of similar nature and complexity shall fulfill the stipulated requirement.	No.
26.				In the Pre-Qualification Document of the subject Project in Section V, List of Eligible Countries of Japanese ODA Loans – it is mentioned under Item No. 2 that "in case where the Prime Contractor is a JV, such JV will be eligible provided the nationality of the Lead Partner is Japan....."	We are planning to go for a JV in order to fulfill the Qualification criteria. We request you to kindly allow any other JV Partner from a different Nationality other than Japan, including India, since we find it difficult to arrange for a Partnership from a Japanese Company, especially in the given circumstances.	No.

27.	III	8	4.2 (b) (3)		In the Specific Construction Experience in Key Activities mentioned in Form EXP – 4.2 (b) (cont.) under Sl. No. 3, you asked for experience in Building Work. This requirement was not there in the Pre-Qualification for Eastern Dedicated Freight Corridor Projects, floated in April 2010. We request you to kindly remove this Criterion from the Qualification Requirements.	No change in qualification requirement
28.	I	3	ITA 4.1		According to the ITA, applicant who shall be a combination of Joint Entities shall submit the formal intent in case of consortium or joint venture or association. Please advise such Letter of intent shall be notarized in accordance with law of India.	No.
29.	I	6	ITA 13		May we understand in case of Joint Association, should lead member of applicant shall fill up the form in ELI 1.1 and other members and/or subcontractors shall fill up the form in ELI 1.2?? Or ELI 1.1 shall states only the introduction of constituted member of Joint association and all the member including lead member of joint Member shall fill up the form in ELI 1.2??	No. Yes.
30.	IFP	v	Clause-6		In case the applicant who would like to participate both Contract Package 1 and 2 (CTP-1 and CTP-2), do we have to pay only INR 10,000/-?? Or we have to pay INR 20,000/-??	Please pay INR 10,000/- only.
31.	II	13	ITA 24.1	The Credentials of Associates, Parent Companies or Sister Companies shall not be considered unless they are part of JV.	Request To change the clause as under: The Credentials of Associates, Parent Companies or Sister Companies shall not be considered	No. Please refer Clause ITA 24.1 in PDS.
32.	III	7	4.2b	The quantities required to have been executed in any one year (calendar / financial) for meeting the Specific Construction Experience requirement as per para 4.2 (b) in Section III	Our understanding is that one year (calendar or financial year) within the last ten years can be different for the JV/ Consortium partners/Associate.	Yes.
33.	III	5	3.2	Eligibility Criteria – Financial Situation	With respect to the clause 3.2, can the payments made in the capacity of employer, for the contracts for buildings, erection of physical assets & developing transportation infrastructures, also be considered an acceptable part of Financial Situation of a JV partner, (in-lieu of total certified payments received for contracts, as stated in the clause)?	No change in the requirements of Clause 3.1.

34.	III	10	Note 4.1	General Construction Experience	If the answer for the above question is "NO", then why NOT all the JV partners in a consortium need to comply the eligibility criteria related to General/Specific construction experience or General/Specific Design experience. An employer of contractors normally meets the criteria of General Construction Experience as required/stated in the document at Notes 4.1, page 10/section III under the heading General Construction Experience.	No change in the requirements of Clause 4.1.
35.	III	5	3.2	Eligibility Criteria – Financial Situation	In a short duration of time, it won't be possible for many prospective Indian bidders to develop sound working joint ventures with just few Japanese companies, with which they might not have prior understanding. Will there be chances to break down the packages in further small lots or relaxations in eligibility criteria?	No.
36.					Western corridor, being a part infrastructure project of national importance (Golden Quadrant) not only for economic development but for also strategic reasons too, are there any special concessions from the central govt. related to taxes & duties	Not at this stage
37.					The contractor will need to develop his own temporary roads along the corridor, connecting to the existing main roads in the vicinity, How DFCCIL will be helpful to get the ROW for these connecting roads for the contractor?	The Contractor has to make its own arrangements including temporary acquisition of land.
38.					The project's nature requires to employ local laborer along the route comprising of hundreds of Km. The availability of local labor normally becomes a problem during harvest or summer seasons specially because of implementation of National Rural Employment Guarantee Act (NAREGA). Will employment provided to the local laborer fetch any financial benefit to the contractors as it is supporting the govt. policy directly with a bigger objective of national importance?	Bidder to assess
39.					During the execution of work, the contractor needs to relocate the electric lines of less than 33KV and also traffic movement, which have already marked or could have remained unnoticed partly. Who will be responsible for co-ordination with the concerned bodies – The contractor or DFCCIL?	This will be addressed at the RFP Stage.
40.	III	7	4.2 (b)		Please kindly confirm that the experience of specialist sub-contractor can be utilized for the all of the requirements in 4.2 (b).	No. The experience of specialist subcontractor can only be considered for mechanized track laying. (Item 4.2 (b) (4))
41.	III	8-9	4.3 (a)		Please confirm that the design fee included in our past project which is based on Design Build Lump Sum contract can be applied as self declaration basis since there is no breakdown of design fee in such project.	Section 4.3 (a) is specific about design experience in at least two design contracts of requisite value. It does not speak about DB Contracts

42.	III	8-10	4.3 (a) 4.3 (b)		Please kindly confirm that the experience of specialist sub-contractor can be utilized for the all of the requirements in 4.3(a) and 4.3(b).	Yes.
43.				Land Acquisition	We request you to explain about the land acquisition position	DFCCIL has acquired more than 90% of the land required (ROW) for these two packages. The balance land is under various stages of acquisition. It is envisaged that the entire land required for these two packages will be in possession of DFCCIL before the DB Contractor is in position
44.	II	11	ITA 1.1		"Integration with IR existing Railway System" may please be elaborated with respect to the responsibilities that the term will be show on the construction contractor.	DFCCIL system must integrate with IR system seamlessly so that there is interoperability between the two systems. The connection between DFCC and IR track shall be carried out by DB contractor during the authorized track possession. This requirements will be addressed in detail at the RFP Stage.
45.					Kindly clarify if this project is exempted from Service tax.	Not as yet
46.					We request you to clarify Rails will be supplied by the DFFCIL or include in this contract.	Rails will not be supplied by DFCCIL. These will have to be arranged by DB Contractor
47.					The alignment passes through different states so the Royalty/Seigniorage charges for Earth, Aggregates and other materials are uniform or as per the respective state norms please clarify.	Bidder to assess.
48.					At present the concrete sleeper manufacturers in India can not supply the sleepers from their plants to any party other than Railway without the permission of the Zonal Railway. Please clarify if this restriction will be removed for supply of sleepers for DFC or otherwise mode of procurement of these sleepers.	Contractor to make arrangement himself, DFCCIL may facilitate in arranging
49.	III	7	4.2 (a)		Kindly clarify that for example if Partner "A" has completed two similar projects of value each 60 & 75 Million US\$ and partner "B" has completed two similar projects of value each 90 & 75 US\$ Million US\$, whether the "A" and "B" combined criteria will be considered for fulfilling the requirement of 2 projects of 150 Million US\$ or only value of each minimum similar project should	No. Value of each similar work must be at least 150 million USD or 100 million USD as specified in Para 4.2 (a) of Section III: Qualification Criteria and Requirements.

					be 150 Million US\$	
50.	III	8	4.2(b)(2)		Kindly consider concrete quantity executed for Highways & other Structures etc.	No change in the requirement.
51.	I	4	4.1		Please confirm that there is no restriction/minimum percentage of the proposed share of partners in the JVA.	No limit is kept for the share of JVA partners. However the Lead partner should have maximum financial stake amongst the other consortium partners / JV partners / association partners as specified in ITA 4.1 (a)
52.	I	4	4.4		Is it possible to change/replace any Partner post qualification; as long as the new/revised consortium continues to meet the eligibility criteria?	Refer to ITA 29.
53.	I	4	4.4		Is it possible to change/replace any designated specialised sub-contractor/sub-designer, post qualification; as long as the new/revised consortium continues to meet the eligibility criteria?	Refer to ITA 29.
54.	I	4	5.1	Eligible goods & services	Please clarify what all constitutes goods & services?	Term is self explanatory.
55.	I	4	5.1		Please confirm is it mandatory to procure any minimum amount of goods/equipments & services from Japan?	Refer Section - V
56.	I	4	5.1		Can some equipments or services be bought from any country other than Japan & India?	Refer Section - V
57.	I	7	15		Is it necessary that the application documents be hard bound?	Yes. It is mandatory for the Application documents to be hard bound as specified in ITA 15
58.	I	8	23.1	Subcontractors	<ul style="list-style-type: none"> Please confirm this clause/condition is applicable for 4.2(b) only and the applicant/JVA is free to implement as per its strategy for all other construction activities. Further, In the event applicant meets the required eligibility criteria and qualifies on its own, and have not decided on the implementation strategy (direct or through sub-contractors) at this stage. It may not be possible to identify & mention sub-contractors. Or, if it has identified sub-contractors for some specified activities and later decide to implement directly. Please confirm that the above is permitted, with due intimation to authority. 	Yes, only for mechanized track laying Specialist subcontractor for mechanized track laying and design work need to be identified at PQ stage. For any change later on, please refer to ITA 29.
59.	I	9	24.3		Please confirm that our understanding is true – <i>“This pre-qualification shall be for a single contract, comprising of two contract packages CTP-1 & CTP-2”</i> . We understand that, we need to submit only one set of documents for two contract packages and not two sets?	Refer ITA 24.3 in Pre-qualification Data Sheet (PDS)
60.	III	5	3.1	Financial Performance	Please confirm that our understanding for the calculation of Net-worth, as given is correct – <i>“the difference between total assets and total liabilities, is to be calculated for each of last 5 years and then totaled. It should be positive in total.”</i>	Yes.

61.	III	7	4.2(a)	Specific Construction Experience	Please confirm that the Requirement of 2 contracts of US\$ 150Millions each or 3 contracts of US\$ 100 Millions each in last 10 years, qualifies the applicant for both the contract packages?	Yes.
62.	III	7	4.2(b)		Experience related to key activities – Can the four different type of key activities experience be met by adding the experiences of different Partners? Also we understand that experience related to key activities must be met two times over to qualify for both the contract packages – for this, is it permitted that experience in the same activity be met by two partners combined? <i>(e.g. Requirement of 140,000 cu.m. of concrete in bridges/flyovers/culverts be met by adding over experience of two partners, say 100,000 by one partner and 40,000 by other)</i>	Yes.
63.	III	9	4.3(b)		Please refer to Note in the clause: Please confirm that the experience requirement need not be doubled to meet qualification for both the contract packages.	Yes
64.	IV		EL-1		Article of Association – Do we require submitting printed/self-certified copies; or notarized copies need to be submitted? Please advise the same for Annual Reports.	Yes. Notarization is not required. Annual Reports to be submitted with authorized declaration by competent third party (chartered accountant)/ external auditor.
65.			General		Will DFFCIL arrange a site-visit along with its officials for the interested applicants?	Not at this stage
66.			General		Please advise the estimated time available for bid submission from the date of release of RFP.	Shall be advised at the time of invitation of bids.
67.	I	3	4.1	Eligible Applicants	As stated in ITA 4.1 we consider participating to the bid for this project in a form of a consortium (a group of the companies separately registered and incorporated), not a Joint Venture to be incorporated. In this regard, we will prepare our Letter of Intent so as to comply the necessary requirements as per the ITA 4.1. Please confirm that such Letter of Intent does not need to show the percentage of financial stakes and share of works as it's not relevant for the consortium case.	Refer to ITA 4.1 (a) of Section II. Prequalification Data Sheet (PDS) and para 2 of Section V (The detailed percentage of financial stakes of the partners is not a mandatory requirement at PQ Stage but a mandatory requirement at Bidding Stage). However at PQ stage LOI needs to specify/certify as a minimum, that the Lead Partner shall have maximum financial stake amongst the other consortium / JV / association partners and the total share of work of the Japanese partners is more than 50% of the Contract amount. b) LOI must specify the Lead Partner. c) The LOI must be signed by all the partners of the Consortium / JV / Association.
68.	II	13	24.1	The credentials of	In these days, many projects are conducted by the subsidiaries	Please refer to ITA 24.1 of Section II.

				Associated. Parent Companies or sister companies shall not be considered unless they are part of JV"	(including SPV), controlled and governed by its parent company from view point of share and management, so as to comply with the requirements of the clients and relevant laws in such countries. Needless to say that such project shall, in most case, be supported and guaranteed by its parent company, and in terms of accounting method the financials of such subsidiaries are consolidated in the parent companies' balance sheet. In this regard, please kindly confirm that the credentials of the subsidiaries can be evaluated for the requirements in Section III 3.2 (Average Annual Construction) and all the requirements in 4.2 (b).	Pre-qualification Data Sheet.
69.	III	7	4.2(b)	Specific Construction Experience in 4.2(b), (1), (2), (3) and (4).	As we understand that the purpose of this clause is to assess the capability of the bidder to execute a certain amount of quantity in the prescribed period and that can be from any number of projects in that period, it should not be related with the completion or Non- completion of the project since the clause 4.2 (a) has already assessed the completion requirements of the similar projects. In this regard, please kindly confirm that even the current running projects which show the necessary quantity executed in the relevant reports (monthly report certified by the client) are evaluated for this clause.	Refer to 4.2(a), (b) and 4.3 (a) and 4.3 (b) of Section III. Experience related to completed works having received Taking Over Certificate or the works Substantially Completed (having received payment against the work done to the extent of 90% or more of the contract value) will be considered.
74.	III	8-9	4.3(a) and 4.3 (b)	Design Experience	<ol style="list-style-type: none"> 1. This western DFC project is a Design & Build contract, not Design contract only. Therefore, assessing the credentials of design contract only does not suffice this PQ eligibility for DFCCIL. In this regard, please confirm that the experience of the bidder in executing similar Design & Build (Turnkey) contracts should be evaluated for the Design experience. 2. For assessing the value of Design part of work in the aforesaid Design Build (Turnkey) contracts, if such projects do not specify the value of Design works, then 2% of the total contract value (Design & Build contract) shall be evaluated as the Design fee for the design experiences. 	Contract strategy of captioned project is DBLS. The RFQ seeks specific design experience. As such design experience requirement of requisite value needs to be met as given in Section III PQ Document.. Not agreed. Relying for design experience on approximate percentages will not be appropriate since specific design experience is needed. However a certificate from the Client specifying the amount of design work executed for successfully completed work will be acceptable.