

DELHI METRO RAIL CORPORATION LIMITED

PRE-QUALIFICATION OF CONSTRUCTION CONTRACTORS FOR CONSTRUCTION OF ELEVATED VIADUCT INCLUSIVE OF STATION STRUCTURES FOR PHASE-III OF DELHI MRTS PROJECT

ADDENDUM No. 3

Summary Sheet

Sl. No.	Tender Document	Page No.	Clause No./ Item No.	Addendum / Corrigendum	Remarks
1	Part I (Instructions to Applicants)	7		Clause 8.6 added	Replace page 7 with 7R
2.	Part III (Pre-Qualification Questionnaire)	19	Point 9 & 10 of Proforma Section 3	Point 9 & 10 of Proforma Section 3 modified	Replace page 19 with 19R
3.	Part III (Pre-Qualification Questionnaire)	20	Point 10c of Proforma Section 3	Point 10c of Proforma Section 3 modified	Replace page 20 with 20R
4.	Part IV (Pre-Qualification Application Forms & Annexure)	31	Annexure 1	Annexure 1 modified	Replace page 31 with 31R
5.	Part IV (Pre-Qualification Application Forms & Annexure)	35	Annexure 2	Annexure 2 modified	Replace page 35 with 35R
6.	Part V (Evaluation Criteria)	42	Clause 5.3.1	Clause 5.3.1 modified	Replace page 42 with 42R
7.	Part V (Evaluation Criteria)	46	Clause 5.6.11 & 5.6.12	Clause 5.6.11 & 5.6.12 modified	Replace page 46 with 46R
8.	Part V (Evaluation Criteria)	47	Clause 5.6.12	Clause 5.6.12 modified	Replace page 47 with 47R
9.	Part V (Evaluation Criteria)	51	Clause 5.7.12	Clause 5.7.12 modified	Replace page 51 with 51R
10.	Part V (Evaluation Criteria)	52	Appendix A Point 11	Appendix A Point 11 modified	Replace page 52 with 52R

accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the application, the translation shall govern.

8 SIGNING OF THE APPLICATION AND NUMBER OF COPIES

- 8.1 The Applicant shall prepare one original set of the prequalification documents and clearly mark it "ORIGINAL". The original of the application shall be typed and shall be signed by persons duly authorized to sign on behalf of the Applicant.
- 8.2 The Applicant shall submit one copy of the signed original application, and clearly mark it "COPY". In the event of any discrepancy between the original and the copy, the original shall prevail.
- 8.3 The original of the tender shall be typed or written in indelible ink (in the case of copies, photocopies are also acceptable) and all the pages of the original shall be signed by a person or persons duly authorised to sign on behalf of the Applicant. All pages of the prequalification documents, where entries or amendments have been made, shall be initialled and dated by the person or persons signing the Tender
- 8.4 An authorized representative shall have the authority to conduct all business and incur liabilities related thereto for and on behalf of the firm or Group it represents, during the prequalification and bidding periods and during contract execution. In case of a JV the authorization shall be signed by an authorized representative of the JV. All such necessary authorizations shall be attached to the application.
- 8.5 Where the Applicant comprises a partnership, consortium or joint venture, the Applicant shall submit the Memorandum of Understanding signed by all Participants which will include details of the intended percentage participation given by each member be confirmed and expanded with complete details of the proposed division of responsibilities and corporate relationships among the individual members. The proposed division of responsibility shall clearly define the responsibility of each member/partner of Joint Venture/Consortium.
- 8.6 **The Tenderer shall submit the original and one copy of the Pre-Qualification Application in separate envelopes, duly marking the envelopes as "Original", and "Copy ". The envelopes of both Pre-Qualification Application shall then be sealed in an outer envelope. Thus, there shall be only one envelope containing both original and a copy of Pre-Qualification Application.**

9 DEADLINE AND ADDRESS FOR SUBMISSION OF APPLICATIONS

- 9.1 Applications shall be submitted to DMRC by hand or through registered post or courier service at the address given below as per details given in key details, Clause 1.1.
Delay due to late delivery of mail is the sole responsibility of the applicant.
- 9.2 The Application should be addressed to
Chief General Manager/Tender,
Delhi Metro Rail Corporation
5th floor, A Wing, Metro Bhawan
Fire Brigade Lane, Barakhamba Road,
New Delhi-110001.
- 9.3 All envelopes shall be titled "PRE-QUALIFICATION SUBMISSION" and clearly marked in English as:
Name of Applicant:
Pre-qualification title:
Copy Number (i.e. Original or Copy).
- 9.4 DMRC may, at its discretion, extend the deadline for the submission of applications, in which case all rights and obligations of DMRC and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

	<p>Extent of participation (including deployment of major plant items and key personnel) by each member for the proposed work?</p> <div style="text-align: right; margin-right: 20px;"> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px; text-align: center;">Y</td> <td style="width: 20px; height: 20px; text-align: center;">N</td> </tr> </table> </div> <p style="margin-top: 10px;">If the answer to any question is No, please give reasons.</p> <p>.....</p>	Y	N
Y	N		

PRO-FORMA SECTION -3

9	<p>State the number of years the applicant (or each group member) has been undertaking similar nature of work of construction of Viaduct (which may include station along with viaduct) /Bridge/Flyover <u>(excluding approaches and embankment)</u>/other infrastructure works.</p> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="width: 60%; text-align: center;">Name</th> <th style="width: 40%; text-align: center;">No. of years</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td></td> </tr> <tr> <td>(2)</td> <td></td> </tr> <tr> <td>(3)</td> <td></td> </tr> </tbody> </table> <p style="margin-top: 10px;">Information and documentary evidence associated with the performance and relevant experience of the applicant or each constituent member shall be clearly referenced and substantiated with Employer/Client Certificate and enclosed in Section-3.</p> <p><u>Note: First work and few more works to establish the continuity in similar works is sufficient to demonstrate number of years in the similar works.</u></p>	Name	No. of years	(1)		(2)		(3)	
Name	No. of years								
(1)									
(2)									
(3)									
10a.	<p>Performance Record</p> <p>Applicants should carefully scrutinise the contract description for Construction of Elevated Viaduct inclusive of stations as elaborated in Section II Scope of Work in this Pre-qualification Document and compile a detailed list indicating their previous experience of works of a similar nature, volume and complexity completed during the last 7(seven) years relating to elevated construction of Urban Transit Facilities Viaduct <u>(which may include station along with viaduct)</u> Rail/ Road, Major Bridges/ Flyovers <u>(excluding approaches and embankment)</u> / Pre-stressed concrete and structural construction and each costing Rs. 150 Crores or more at 31.03.2011 price level.</p> <p>Information and documentary evidence associated with the performance and relevant experience of the applicant or each constituent member shall be clearly referenced and substantiated with Employer/Client Certificate and enclosed in Section -3. The applicant will give the above details of works in descending order of financial year for each Group member. Use Annexure 1, 1(A) and 1(B) of Part-IV for the purpose of 10(a)</p> <p>(Use a separate sheet for each Contract and include in the Questionnaire)</p>								

10b.	<p>Work in Hand. Applicants or each group member should indicate, in the form below, details for each contract/commitment which is anticipated to be in hand as on the 31.03.2011 and the expected year-wise value of completion of the balance works in the next three years. (Applicants are required to provide this information in Annexure 2 and a Summary in Annexure 2A).</p> <p>(Use a separate sheet for each Contract and include in the Questionnaire)</p>		
10c.	<p>Has the applicant during last 5 years, executed minimum one work of Viaduct with or without Stations, pre-stressed box girders for bridge, aqueducts, Flyovers <u>(excluding approaches and embankment)</u> of value Rs. 225 Crores or more at the price level updated at 31. 03. 2011.</p> <p>If yes, give details (in case of a group, this information is to be given for each member.)</p> <p>Please give reference of the work as submitted in Annexure-1 in reply to Question- 10(a) and also give the reference of submitted supporting completion certificate from the client.</p> <table border="1" data-bbox="1362 555 1481 613"><tr><td data-bbox="1362 555 1422 613">Y</td><td data-bbox="1422 555 1481 613">N</td></tr></table>	Y	N
Y	N		
10d.	<p style="text-align: center;">DELETED</p>		

Annexure 1

Applicant's legal name

Date.....

Group Member's legal name.....

Page **of** **pages**

For similar works of construction of Viaduct (which may include station along with viaduct) /Bridge/Flyover **(excluding approaches and embankment)** more than Rs. 150 Crores at the price level of 31.03.2011 (considering escalation as per Clause 2.6 of Part I)

Specific Construction Experience		
Similar Contract Number _____ of _____ required	Information	
Contract Identification		
Award date		
Completion date		
Employer's Name		
Employer's Address:		
Telephone / Fax number:		
E Mail		
Role in Contract (Individual/JV-Consortium member)	Individual	JV Member
Completion Cost	Currency (as stated in Clients Certificate)	In equivalent INR at 31.03.2011 price level
If JV member specify percentage participation in contract & amount (Please refer Note-1)	% participation	In equivalent INR at 31.03.2011 price level
Length of Viaduct (<u>which may include station along with viaduct</u>) / Bridge span / Flyovers (excluding approaches and embankment) etc.		In case of JV/Consortium, actual length executed by the Applicant (duly substantiated with Client Certificate)
Did the work include the following: - <ul style="list-style-type: none"> • DELETED • DELETED • DELETED • DELETED • DELETED • DELETED 		

ANNEXURE 2: Works in hand

Applicant's legal name

Date.....

Group Member's legal name.....

Page of pages

Name and brief particulars of contract (clearly indicate the part of the work assigned to the applicant(s))	Name of client with telephone number and fax number	Contract Value In Rupees Equivalent (Give only the value of work assigned to the applicant(s) (Assume inflation as given in Annexure1)	Value of balance work yet to be done in Rupee equivalent as on <u>31.03.11</u> (Assume inflation as per Clause 2.6 of Part I)	<u>Date of Completion as per Contract Agreement</u>	<u>Expected Completion Date</u>	Delay if any, with reason	Value of work to be done in <u>2011-12</u> (as on 31.03.11)	Value of work to be done in <u>2012-13.</u> (as on 31.03.11))	Value of work to be done in <u>2013-14</u> (as on <u>31.03.11</u>)

Part V - EVALUATION CRITERIA

5.1 INTRODUCTION

This Part V, Evaluation Criteria contains the criteria, factors and methods that DMRC will use to evaluate the application. This Evaluation Criteria is prepared for evaluating the Applicants for their suitability to execute contracts for construction of ELEVATED VIADUCT INCLUSIVE OF STATIONS STRUCTURES FOR PHASE III OF DELHI MRTS PROJECT.

5.2 VALUATION FACTORS

To be Prequalified, the Applicants are required to demonstrate their capabilities by providing material based on their experience, past performance, their technical and organisational capability, equipment and financial resources etc.

5.3 EVALUATION CRITERIA

- 5.3.1 **Initial Filter:** The Applicants will be first evaluated on the initial criteria, which will act as an initial filter. The Initial Filter Criteria is in Appendix-A of Part V. **A “YES” answer to any of the questions in filter criteria (except Criteria No. 11 & 12) will disqualify the Applicant. A “NO” answer in the case of Criteria No. 11 & 12 will disqualify the Applicant.** The applicants who do not pass this **initial filter criteria** will not be evaluated further.
- 5.3.2 **Final Evaluation:** Applicants who pass the Initial Filter Test will be evaluated on the topics listed below with marks up to 3 and weighted as given in the Table- 5.2 here below. It should be understood clearly that a minimum of 50% score is necessary in each of the following three categories and **60%** of the “Aggregate” for the overall “Pass” Score for Prequalification.
- A. Financial standing**
 - B. Technical and Organizational Capability**
 - C. Experience Record**
- 5.3.3 Financial data for latest 5 years has to be submitted by bidders along with the audited Balance Sheets. In case audited Balance Sheet of the last Financial Year i.e. 2010-11 is not made available by the bidder, he has to submit an affidavit certifying that the Balance Sheet for the financial year 2010-11 has actually not been audited so far along with Statuary Auditor’s certificate in this regard. In such a case the financial data of previous 4 years i.e. 2006-07, 2007-08, 2008-09 & 2009-10 will be taken into consideration for evaluation.
- 5.3.4 Foreign applicants, in whose country calendar year is also the financial year, may submit all relevant data for the last 5 years i.e. 2006, 2007, 2008, 2009 and 2010.
- 5.3.5 **If Audited Balance Sheet of any other year than the last financial year is not submitted, the application will be considered as Non-responsive.**
- 5.3.6 For completed works, value of work done shall be updated to 31.03.2011 price level assuming 5% inflation for Indian Rupees every year (compounded annually) and 2% for foreign currency portions per year (compounded annually).

Section 4) of Part-III will be considered.

5.6.7 T₇ Experience of Key Staff

It is not only the number and educational qualifications of Key Personnel, which can enable the applicant to construct the projects within cost, within time and of desired quality with proper safety standards. DMRC considers the experience of Key Personnel as a very important determinant of capacity and capability of the firm. The experiences of Key Personnel (limited to 15 numbers) as per details stated in item no.12 (Pro-forma Section 4) of Part-III. The experiences will be taken from the CV's enclosed in Annexure-4 of Part-IV.

5.6.8 T₈ Quality Assurance

Quality of Contractors workmanship, process and output is of paramount importance for DMRC to retain and further its cutting edge to provide World Class Metro Rail Infrastructure in Delhi. It is strongly recommended that contractors possess a QC programme ISO – 9001 or equivalent and at the minimum follow an Internal written QA Programme.

5.6.9 T₉ Safety, Health & Environment (SHE)

Safety, Health & Environment (SHE) is of paramount importance for DMRC. The Applicant should have SHE Management System SHE Procedures/Instructions, Corporate SHE Organisation and Risk Assessment & Management Procedure.

5.6.10 T₁₀ Equipment Capability

It is essential that the applicant should own or to have assured access to the key items of equipment in full working order. The applicant must demonstrate that based on known commitments, key items of equipment in full working order will be made available in such number that the contract can be completed in time. In case of JV/Consortium, the equipments may be proposed by any/all members.

5.6.11 T₁₁ Work Experience

Number of works of a similar nature [Viaducts (which may include station along with viaduct) /Bridge/Flyover (excluding approaches and embankment)] and complexity comparable to the proposed work, completed during last seven years are an essential criteria. For completed works, value of work done shall be updated to 31.03.2011 price level assuming 5% inflation for Indian Rupees every year (compounded annually) and 2% for foreign currency portions per year (compounded annually). This will be evaluated based on information provided in Annexure-1 of Part-IV. In case of JV, the works done by all substantial members will be considered. If the work was done in other JV formation, the value in proportion of participation in that JV by the member will be considered. Applicant may note that in the Initial Filter Criteria the work during the last 5 years will be considered. Points will be assigned as per Clause 5.7.11 for the works completed during last seven years

5.6.12 T₁₂ Length of Viaduct

Points will be awarded based on Length of Viaduct (which may include station along with

viaduct /Bridge/Flyover (excluding approaches and embankment) completed in any one year during the last seven years. This will be evaluated based on information provided in Annexure-1B of Part-IV, duly substantiated by Employer/Client Certificate. In case of JV/Consortium, the length completed in one year, by all substantial members will be added. If the member of the proposed JV had worked in other JV formation, the value in proportion of participation in that JV by the member will be considered.

5.7 ASSESSMENT SCORING WEIGHTAGE

The weightage has been determined by the importance of topic as explained in Clause 5.5.

The gradation formula for indicated topics is as under:

5.7.1 T₁ Working Capital (Net Cash Flow) of Financial year 2010-11/ Calendar year 2010 as stated in item at S.No.8 of Annexure 3, Part IV.

≥ 34 Crores = 3 Points

≥ 28 Crores = 2 Points

≥ 24 Crores = 1 point

5.7.2 T₂ Annual Profit Before Tax as stated in Item at S.No.5 of Annexure 3, Part IV.

Positive in four years or more = 3 points

Positive in three years = 2 points

Positive in two years = 1 point

Positive in less than two years = 0 point

5.7.3 T₃ Net Worth of Financial year 2010-11 as stated in Item at S.No.7 of Annexure 3, of Part IV.

≥ Rs.57 Crore = 3 points

≥ Rs.42 Crore = 2 points

≥ Rs.34 Crore = 1 point

< Rs.34 Crore = 0 point

5.7.4 T₄ Average Annual Turn Over of last 5 years (in case the Audited Financial Statements of the year 2010-11 is not available then average of last 4 years will be considered) as stated in Item at S.No.10 of Annexure 3, Part IV.

≥ Rs. 340 Crore = 3 points

≥ Rs. 238 Crore = 2 points

5.7.12 T₁₂ Length of Viaduct Length of Viaduct (***which may include station along with viaduct***) /bridge (***excluding approaches and embankment***) executed in any one year during the last seven years as stated in Annexure-1B duly substantiated by Client Certificate.

≥ 4000 m	3 points
≥ 3000 m	2 points
≥ 2000 m	1 point
< 2000 m	0 point

Appendix-‘A’

INITIAL FILTER CRITERIA OF APPLICANTS

Name of Applicant:

No.	Criteria	Yes	No
1	Has the Applicant (in case of JV/Consortium any member) abandoned any work in the last five years or has it been blacklisted by any Government department / PSU or has any of its contract terminated for failure to perform?		
2	Has the Applicant (in case of JV/Consortium any member) involved in frequent litigations in the last five years?		
3	Has the Applicant (in case of JV/Consortium any member) paid liquidated damage 10% or more of the contract value in a contract due to delay or penalised due to any other reason in the last five years?		
4	Has any misleading information been given in the application by the applicant (in case of JV/Consortium any member)?		
5	Has the Applicant (in case of JV/Consortium any member) suffered bankruptcy / insolvency in the last five years?		
6	Is the Working Capital of the Applicant (in case of JV/Consortium Working Capital will be the total sum of the Working Capital of each member.) less than ₹ 24 Crores		
7	Is the Annual Profit before Tax (lead member in case of JV/Consortium) negative in more than 3 years out of last 5 years.		
8	Is the Average Annual Turnover of the applicant (in case of JV/Consortium to be calculated as per Clause 5.6.4, Part V) is less than ₹ 100 Crores.		
9	Is the Net Worth of Applicant (in case of JV/Consortium any member) negative?		
10	Is the Average Annual Turn Over of five years any member of JV/Consortium is less than Rs. 50 Crores?		
11	Has the Applicant (any one member in case of JV/Consortium) completed one work of construction of Viaduct (which may include station along with viaduct) /Bridge/Flyover (excluding approaches and embankment) in last 5 (five) years of value ₹ 225 Crores or more at 31.03.2011 price level? (In case of JV/consortium, the total sum of value of the experience(s) of the substantial members will be considered. In case the work of any member was executed in other JV/consortium, the value of the work of that member will be calculated as per their percentage participation in that JV/consortium.)		
12	Does the Applicant have experience of segmental construction using launching girder for a minimum length of 1000 m in last 5 years? (In case of JV/consortium, the total sum of the experience(s) of the substantial members will be considered. In case the work of any member was executed in other JV/consortium, the work experience of that member will be calculated as per their percentage participation in that JV/consortium.)		
13	Does the Applicant (all members in case of JV) not submitted Audited Balance Sheets of any of the last four years preceding financial year 2010-11 / Calendar year 2010.		

- Note:** 1. A “YES” answer to any of the questions above (except Criteria No. 11 & 12) will disqualify the Applicant.
2. A “NO” answer in the case of Criteria No. 11 & 12 will disqualify the Applicant.