



**Procurement of Plant  
Design, Supply and Installation**

**JAIPUR METRO RAIL CORPORATION LIMITED**

**BIDDING DOCUMENT**

**for**

**Procurement**

**of**

**NCB No.-JP/EW/1B/E1**

**Design Verification, Detail Engineering, Supply, Installation, Testing and Commissioning of Environment Control System (ECS), Tunnel Ventilation System (TVS), Electrical and Mechanical System (E&M) and Building Management System (BMS) for two underground Metro Stations at Chhoti Chaupar and Badi Chaupar on East–West Corridor of Jaipur Metro Phase- 1B**

**PART-I BIDDING PROCEDURES**

**Section 4 - Bidding Forms (BDF) Volume-1**

**JAIPUR METRO RAIL CORPORATION LTD.**

**Khanij Bhawan, Tilak Marg,**

**C- Scheme, Jaipur (Rajasthan) PIN-302005**

**Country: India**

# Section 4 - Bidding Forms

This section contains the forms to be completed by the Bidder and submitted as part of its Bid.

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## Letter of Technical Bid

**-- Note --**

*The bidder must accomplish the Letter of Technical Bid on its letterhead clearly showing the bidder's complete name and address.*

Date: .....

NCB No.: **JP/EW/1B/E1**

Invitation for Bid No.: **JP/EW/1B/E1**

To:  
 Chairman and Managing Director  
 JAIPUR METRO RAIL CORPORATION LTD.  
 Khanij Bhawan, Tilak Marg,  
 C-Scheme, Jaipur (Rajasthan),  
 India, PIN-302 005

**NCB No.-JP/EW/1B/E1:Design Verification, Detail Engineering, Supply, Installation, Testing and Commissioning of Environment Control System (ECS), Tunnel Ventilation System (TVS), Electrical and Mechanical System (E&M) and Building Management System (BMS) for two underground Metro Stations at Chhoti Chaupar and Badi Chaupar on East-West Corridor of Jaipur Metro Phase- 1B**

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) 8. \_\_\_\_\_
- (b) We offer to design, manufacture, test, deliver, install, pre-commission, and commission in conformity with the Bidding Document the following Plant and Services:

**Design Verification, Detail Engineering, Supply, Installation, Testing and Commissioning of Environment Control System (ECS), Tunnel Ventilation System (TVS), Electrical and Mechanical System (E&M) and Building Management System (BMS) for two underground Metro Stations at Chhoti Chaupar and Badi Chaupar on East-West Corridor of Jaipur Metro Phase- 1B**

- (c) Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of **180** days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

- (d) We, including any Subcontractors or Manufacturers for any part of the Contract, have or will have nationalities from eligible countries, in accordance with ITB 4.2.
- (e) We, including any Subcontractors or Suppliers for any part of the Contract, do not have any conflict of interest in accordance with ITB 4.3.
- (f) We are not participating, as a Bidder in more than one bid in this bidding process in accordance with ITB 4.3(e), other than alternative offers submitted in accordance with ITB 13.
- (g) Our firm, its affiliates or subsidiaries, including any Subcontractors or Suppliers for any part of the contract, has not been declared ineligible by ADB, under the Employer's country laws or official regulations or by an act of compliance with a decision of the United Nations Security Council.
- (h) [We are not a government-owned enterprise] / [We are a government-owned enterprise but meet the requirements of ITB 4.5].<sup>1</sup>
- (i) We agree to permit ADB or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by ADB.
- (j) If our Bid is accepted, we commit to mobilizing key equipment and personnel in accordance with the requirements set forth in Section 6 (Employer's Requirements) and our technical proposal, or as otherwise agreed with the Employer.
- (k) It is confirmed and declared that we, or any of our associate, have not been engaged in any fraudulent and corrupt practice as defined in ITB 3 and clause 6 of General Conditions of Contract.
- (l) We do hereby undertake that we have not been banned for business by any central / state government department or public sector undertaking and also that none of our work was rescinded by the JMRC after award of contract during last 5 years due to non performance

Name .....

In the capacity of .....

Signed .....

Duly authorized to sign the Bid for and on behalf of .....

Date .....

## Letter of Price Bid

**-- Note --**

*The bidder must accomplish the Letter of Price Bid on its letterhead clearly showing the bidder's complete name and address.*

Date: .....

NCB No.: **JP/EW/1B/E1**

Invitation for Bid No.: **JP/EW/1B/E1**

To:

Chairman and Managing Director  
JAIPUR METRO RAIL CORPORATION LTD.  
Khanij Bhawan, Tilak Marg,  
C-Scheme, Jaipur (Rajasthan),  
India, PIN-302 005

**NCB No.-JP/EW/1B/E1:Design Verification, Detail Engineering, Supply, Installation, Testing and Commissioning of Environment Control System (ECS), Tunnel Ventilation System (TVS), Electrical and Mechanical System (E&M) and Building Management System (BMS) for two underground Metro Stations at Chhoti Chaupar and Badi Chaupar on East–West Corridor of Jaipur Metro Phase- 1B**

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Document, including Addenda issued in accordance with Instructions to Bidders (ITB) 8. \_\_\_\_\_
- (b) We offer to design, manufacture, test, deliver, install, pre-commission, and commission in conformity with the Bidding Document the following Plant and Services:

**Design Verification, Detail Engineering, Supply, Installation, Testing and Commissioning of Environment Control System (ECS), Tunnel Ventilation System (TVS), Electrical and Mechanical System (E&M) and Building Management System (BMS) for two underground Metro Stations at Chhoti Chaupar and Badi Chaupar on East–West Corridor of Jaipur Metro Phase- 1B**

- (c) The total bid price, excluding any discounts offered in item (d) below is the sum of

*[amount of foreign currency in words], [amount in figures], and [amount of local currency in words], [amount in figures]*

*The total bid price from the Grand Summary (Schedule No. 5) should be entered by the Bidder inside this box. Absence of the total bid price in the Letter of Price Bid may result in the rejection of the bid.*

- (d) The discounts offered and the methodology for their application are as follows: \_\_\_\_\_
- (e) Our Bid shall be valid for a period of 180 days from the date fixed for the submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (f) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Document.
- (g) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: <sup>1</sup>

Name of Recipient	Address	Reason	Amount
.....	.....	.....	.....
.....	.....	.....	.....

- (h) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (j) We agree to permit ADB or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by ADB.

Name .....

In the capacity of .....

Signed .....

Duly authorized to sign the Bid for and on behalf of .....

Date .....

\_\_\_\_\_

# Price Schedules

## PREAMBLE

### General

1. The Price Schedules are divided into separate Schedules as follows:  
BOQ Part I for ECS and TVS work.  
BOQ Part II for E&M.  
BOQ Part III for DG work.
2. The Schedules do not generally give a full description of the plant to be supplied and the services to be performed under each item. Bidders shall be deemed to have read the Employer's Requirements and other sections of the Bidding Document and reviewed the Drawings to ascertain the full scope of the requirements included in each item prior to filling in the rates and prices. The entered rates and prices shall be deemed to cover the full scope as aforesaid, including overheads and profit.
3. If Bidders are unclear or uncertain as to the scope of any item, they shall seek clarification in accordance with ITB 7 prior to submitting their bid.
4. The Country of Origin of the items quoted for, shall be as per the list of eligible countries under Section 5. The following extract of ADB guidelines shall be referred to, while deciding the country of origin of each item by the bidder.  
**"To be eligible, goods must have been mined, grown, or produced in an ADB member country. That is, the goods should have come into existence in an ADB member country in the form in which they are to be purchased. Goods are produced or deemed to come into existence when through manufacturing, processing, or substantial and major assembling of components, another commercially recognized product results that is substantially different from its components. For example, where a computer is assembled or manufactured needs to be an eligible source, and not the source of the computer's components."**
5. After award of the contract, the bidder shall be at liberty to change the country of origin of any item contained in the BoQ at vendor approval stage, without any financial obligation on either side, irrespective of the country of origin, indicated at the time of quoting of the bid. However, the items shall be as per the specifications as given in the Employer's Requirement (Section 6) and the Country of Origin shall be as per Section 5, in any case.

### Pricing

6. The units and rates in figures entered into the Price Schedules should be typewritten or if written by hand, must be in print form. Price Schedules not presented accordingly may be considered nonresponsive. Any alterations necessary due to errors, etc., shall be initialed by the Bidder.  
As specified in the Bid Data Sheet and Special Conditions of Contract, prices shall be fixed and firm for the duration of the Contract, or prices shall be subject to adjustment in accordance with the corresponding Appendix (Price Adjustment) to the Contract Agreement.
7. Bid prices shall be quoted in the manner indicated and in the currencies specified in the Instructions to Bidders in the Bidding Document.  
For each item, Bidders shall complete each appropriate column in the respective Schedules, giving the price breakdown as indicated in the Schedules.  
Prices given in the Schedules against each item shall be for the scope covered by that item as detailed in Section 6 (Employer's Requirements) or elsewhere in the Bidding Document.

8. Payments will be made to the Contractor in the currency or currencies indicated under each respective item.
9. When requested by the Employer for the purposes of making payments or part payments, valuing variations or evaluating claims, or for such other purposes as the Employer may reasonably require, the Contractor shall provide the Employer with a breakdown of any composite or lump sum items included in the Schedules.
10. **“The bidder can quote the bid price against each item in INR or in Foreign Currency/Currencies or in a combination of both as indicated in Section 2 – (Bid Data Sheet). The bidder is advised to read the BoQ provisions carefully and quote the price accordingly. Each column of the currency is to be quoted independently and no inter conversion of currency is required”.**



## **Schedules of Rates and Prices**

### **Refer Section-4 Volume-2 (BoQ)**

**BOQ Part I for ECS and TVS work.**

**BOQ Part II for E&M.**

**BOQ Part III for DG work.**

# Bid Security

## Bank Guarantee

.....*Bank's name, and address of issuing branch or office*<sup>1</sup>.....

**Beneficiary:** ..... *Name and address of employer* .....

**Date:** .....

**Bid Security No.:** .....

We have been informed that . . . . . *name of the bidder*. . . . . (hereinafter called "the Bidder") has submitted to you its bid dated . . . . . (hereinafter called "the Bid") for the execution of . . . . . *name of contract* . . . . . under Invitation for Bids No. . . . . ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we . . . . . *name of Bank*. . . . . hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of . . . . . *amount in figures* . . . . . ( . . . . . *amount in words* . . . . . ) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Letters of Technical and Price Bid; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This guarantee will expire (a) if the Bidder is the successful Bidder, upon our receipt of copies of the Contract Agreement signed by the Bidder and the Performance Security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder, or (ii) 28 days after the expiration of the Bidder's bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.<sup>2</sup>

.....*Bank's seal and authorized signature(s)*.....

**-- Note --**

<sup>1</sup> All italicized text is for use in preparing this form and shall be deleted from the final document.

<sup>2</sup> Or 758 as applicable.

*In case of a joint venture, the bid security must be in the name of all partners to the joint venture that submits the bid.*

## **Bid-Securing Declaration**

N/A

# Technical Proposal

**Site Organization**

**Method Statement**

**Mobilization Schedule**

**Construction Schedule**

**Plant**

**Personnel**

**Equipment**

**Proposed Subcontractors for Major Items of Plant and Services**

**Manufacturer's Authorization**

**Time Schedule**

**Functional Guarantee of the Proposed Facilities**

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## Site Organization

## Method Statement

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## **Mobilization Schedule**



## Construction Schedule

## **Plant**

## Personnel

### Form PER – 1: Proposed Personnel

Bidders should provide the details of proposed personnel and their experience record in the relevant Information Forms below for each of the candidate.

1.	Title of position*
	Name
2.	Title of position*
	Name
3.	Title of position*
	Name
4.	Title of position*
	Name
etc.	Title of position*
	Name

-- Note --

\* As listed in Section 6 (Employer's Requirements).



## Equipment

### Form EQU: Equipment

The Bidder shall provide adequate information and details to demonstrate clearly that it has the capability to meet the equipment requirements indicated in Section 6 (Employer's Requirements), using the Forms below. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder.

<b>Item of Equipment</b>	
<b>Equipment Information</b>	<b>Name of manufacturer</b>
	<b>Model and power rating</b>
	<b>Capacity</b>
	<b>Year of manufacture</b>
<b>Current Status</b>	<b>Current location</b>
	<b>Details of current commitments</b>
<b>Source</b>	Indicate source of the equipment <input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured

Omit the following information for equipment owned by the Bidder.

<b>Owner</b>	<b>Name of owner</b>
	<b>Address of owner</b>
	<b>Telephone</b>
	<b>Contact name and title</b>
	<b>Fax</b>
	<b>Telex</b>
<b>Agreements</b>	<b>Details of rental/lease/manufacture agreements specific to the project</b>

**Proposed Subcontractors and/or Manufacturers for Major Items of Plant and Services**

The following Subcontractors and/or Manufacturers are proposed for carrying out the item of the facilities indicated. Bidders are free to propose more than one for each item.

<b>Major Items of Plant and Services</b>	<b>Proposed Subcontractors or Manufacturers</b>	<b>Nationality</b>

**Manufacturer's Authorization**

**N/A**

## **Time Schedule**

**N/A**



## **Functional Guarantee of the Proposed Facilities**

**N/A**

## **Bidder's Qualification**

To establish its qualifications to perform the contract in accordance with Section 3 (Evaluation and Qualification Criteria) the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder.

## Form ELI - 1: Bidder's Information Sheet

Bidder's Information	
<b>Bidder's legal name</b>	
<b>In case of Joint Venture, legal name of each partner</b>	
<b>Bidder's country of constitution</b>	
<b>Bidder's year of constitution</b>	
<b>Bidder's legal address in country of constitution</b>	
<b>Bidder's authorized representative</b> (name, address, telephone numbers, fax numbers, e-mail address)	
<p><b>Attached are copies of the following documents:.</b></p> <p><input type="checkbox"/> 1. In case of single entity, articles of incorporation or constitution of the legal entity named above, in accordance with ITB 4.1 and ITB 4.2</p> <p><input type="checkbox"/> 2. Authorization to represent the firm or Joint Venture named above, in accordance with ITB 22.2</p> <p><input type="checkbox"/> 3. In case of Joint Venture, letter of intent to form Joint Venture or Joint Venture agreement, in accordance with ITB 4.1</p> <p><input type="checkbox"/> 4. In case of a government-owned enterprise, any additional documents not covered under 1 above required to comply with ITB 4.5</p>	

**Form ELI - 2: Joint Venture Information Sheet**

Each member of the Joint Venture must fill out this form separately. Subcontractor must fill out this form.

<b>Joint Venture/Subcontractor Information</b>	
<b>Bidder's legal name</b>	
<b>Joint Venture Partner's or Subcontractor's legal name</b>	
<b>Joint Venture Partner's or Subcontractor's country of constitution</b>	
<b>Joint Venture Partner's or Subcontractor's year of constitution</b>	
<b>Joint Venture Partner's or Subcontractor's legal address in country of constitution</b>	
<b>Joint Venture Partner's or Subcontractor's authorized representative information</b> (name, address, telephone numbers, fax numbers, e-mail address)	
<b>Attached are copies of the following documents:</b>	
<input type="checkbox"/> 1. Articles of incorporation or constitution of the legal entity named above, in accordance with ITB 4.1 and ITB 4.2	
<input type="checkbox"/> 2. Authorization to represent the firm named above, in accordance with ITB 22.2	
<input type="checkbox"/> 3. In the case of government-owned enterprise, documents establishing legal and financial autonomy and compliance with commercial law, in accordance with ITB 4.5	

Subcontractors are those listed in Technical Proposal – Proposed Subcontractors and/or Manufacturers for Major Items of Plant and Services.

**Form LIT – 1: Pending Litigation and Arbitration**

Each Bidder must fill out this form if so required under Criterion 2.2 of Section 3 (Evaluation and Qualification Criteria) to describe any pending litigation or arbitration formally commenced against it.

In case of joint ventures, each Joint Venture Partner must fill out this form separately, and provide the Joint Venture Partner name below:

Joint Venture Partner: \_\_\_\_\_

Pending Litigation and Arbitration			
<p><b>Choose one of the following:</b></p> <p><input type="checkbox"/> No pending litigation and arbitration.</p> <p><input type="checkbox"/> Below is a description of all pending litigation and arbitration against the Bidder (or each Joint Venture member if Bidder is a Joint Venture).</p>			
Year	Matter in Dispute	Value of Pending Claim in INR Equivalent	Value of Pending Claim as a Percentage of Net Worth

**- Note -**

*This form shall only be included if Criterion 2.2 of Section 3 (Evaluation and Qualification Criteria) is applicable.*

**Form FIN - 1: Historical Financial Performance**

Each Bidder must fill out this form.

In case of joint ventures, each Joint Venture Partner must fill out this form separately, and provide the Joint Venture Partner name below:

Joint Venture Partner: \_\_\_\_\_

Financial Data for Previous . . . . Years [INREquivalent]		
Year 1:	Year 2:	Year __:

**Information from Balance Sheet**

<b>Total Assets (TA)</b>			
<b>Total Liabilities (TL)</b>			
<b>Net Worth = TA-TL</b>			
<b>Current Assets (CA)</b>			
<b>Current Liabilities (CL)</b>			
<b>Working Capital = CA - CL</b>			

<b>Most Recent Working Capital</b>		To be obtained for most recent year and carried forward to FIN-3 Line 1; in case of Joint Ventures, to the corresponding Joint Venture Partner's FIN-3
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**Information from Income Statement**

<b>Total Revenues</b>			
<b>Profits Before Taxes</b>			
<b>Profits After Taxes</b>			

- Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last three years, as indicated above, complying with the following conditions.
- Unless otherwise required by Section 3 of the Bidding Documents, all such documents reflect the financial situation of the legal entity or entities comprising the Bidder and not the Bidder's parent companies, subsidiaries or affiliates.
  - Historical financial statements must be audited by a certified accountant.
  - Historical financial statements must be complete, including all notes to the financial statements.
  - Historical financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

**Form FIN - 2: Average Annual Turnover**

Each Bidder must fill out this form.

The information supplied should be the Annual Turnover of the Bidder or each member of a Joint Venture in terms of the amounts billed to clients for each year for work in progress or completed, converted to INR at the specified exchange rate at the end of the period reported.

In case of joint ventures, each Joint Venture Partner must fill out this form separately, and provide the Joint Venture Partner name below:

Joint Venture Partner: \_\_\_\_\_

<b>Annual Turnover Data for the Last . . . Years</b>			
<b>Year</b>	<b>Amount Currency</b>	<b>Exchange Rate</b>	<b>INR Equivalent</b>
<b>Average Annual Turnover</b>			

**Form FIN – 3: Availability of Financial Resources**

Bidders must demonstrate sufficient financial resources, usually comprising of Working Capital supplemented by credit line statements or overdraft facilities and others to meet the Bidder's financial requirements for

- (a) its current contract commitments, and
- (b) the subject contract.

In case of joint ventures, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner name below:

Joint Venture Partner: \_\_\_\_\_

<b>Financial Resources</b>		
No.	Source of financing	Amount (INR equivalent)
1	Working Capital (to be taken from FIN-1)	
2	Credit Line <sup>a</sup>	
3	Other Financial Resources	
Total Available Financial Resources		

<sup>a</sup> To be substantiated by a letter from the bank issuing the line of credit.



**Form FIN- 4: Financial Requirements for Current Contract Commitments**

Bidders (or each Joint Venture partner) should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

In case of joint ventures, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner name below:

Joint Venture Partner: \_\_\_\_\_

<b>Current Contract Commitments</b>						
<b>No.</b>	<b>Name of Contract</b>	<b>Employer's Contact (Address, Tel, Fax)</b>	<b>Contract Completion Date</b>	<b>Outstanding Contract Value (X)</b>	<b>Remaining Contract Period in months (Y)</b>	<b>Monthly Financial Resources Requirement (X / Y)</b>
1						
2						
3						
4						
Total Monthly Financial Requirement for Current Contract Commitments						<b>INR</b> .....

**Form FIN - 5: Compliance Check of Financial Resources (Criterion 2.3.3 of Section 3)**

**Form FIN-5A: For Single Entities**

For Single Entities:	Total Available Financial Resources from FIN-3 (C)	Total Monthly Financial Requirement for Current Contract Commitments (CCC) from FIN-4 (D)	Available Financial Resources net of CCC (C-D)	≥	Requirement <sup>a</sup>
_____ (Name of Bidder)	_____	_____	_____	≥	100% of Requirement from Section 3 - 2.3.3(b)

**Form FIN-5B: For Joint Ventures**

For Joint Ventures:	Total Available Financial Resources from FIN-3 (C)	Total Monthly Financial Requirement for Current Contract Commitments (CCC) from FIN-4 (D)	Available Financial Resources net of CCC (C-D)	≥	Requirement <sup>a</sup>
One Partner:					
_____ (Name of Partner)	_____	_____	_____	≥	B(%) of Requirement
Each (Other) Partner:					
_____ (Name of Partner 1)	_____	_____	_____	≥	A(%) of Requirement
_____ (Name of Partner 2)	_____	_____	_____	≥	A(%) of Requirement
_____ (Name of Partner 3)	_____	_____	_____	≥	A(%) of Requirement
<b>All partners combined</b>			$\Sigma (C-D)^b =$	≥	100% of Requirement from Section 3 - 2.3.3(b)

**- Note -**

Form FIN - 5 is made available for use by the bidder as a self-assessment tool, and by the employer as evaluation work sheet, to determine compliance with financial resources.

<sup>a</sup> Requirement for the subject contract is defined in Criterion 2.3.3(b) of Section 3. Value A is the required percentage of the subject contract, which each partner must meet; and value B is the required percentage of the subject contract, which one partner must meet. A and B values are defined in Criterion 2.3.3 of Section 3 (Evaluation and Qualification Criteria).

<sup>b</sup>  $\Sigma (C - D)$  = sum of available financial resources net of current contract commitments (CCC) for all partners.

**Form EXP – 1: Contracts of Similar Size and Nature**

Fill out one (1) form per contract

Contract of Similar Size and Nature																			
Contract No . . . . . of . . . . .		Contract Identification																	
Award Date		Completion Date																	
Role in Contract	<input type="checkbox"/> Contractor	<input type="checkbox"/> Management Contractor	<input type="checkbox"/> Subcontractor																
Total Contract Amount			INR																
If partner in a Joint Venture or subcontractor, specify participation of total contract amount	Percent of Total	Amount																	
Employer's name Address Telephone number Fax number E-mail																			
Description of the similarity in accordance with Criterion 2.4.1 of Section 3																			
<p>Design Verification/Design, Supply, Installation, Testing and Commissioning of Electrical and Mechanical works of MRTS / Railway / Airport / Commercial Building / Office Building / Industrial establishment. E&amp;M work containing either Centralized Air Conditioning with water/air cooled chillers or Low Voltage Power Supply System.</p> <p>In case the work(s) listed above doesn't include the scope of the design/design verification then the bidder should have executed any other work containing the design/design verification work of the MRTS/ Railway/ Airport/ Commercial Building/ Office Building/ Industrial establishment.</p> <p><b>Note:-</b> In case bidder claims experience for a project undertaken as a member of JV, the particular firm's position in the JV needs to be clearly brought out in the clients' certificate or Joint Venture MOU/Agreement. The bidder shall clearly identify the following to meet the experience requirement:-</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Type of Services Rendered</th> <th style="width: 12.5%;">Lead Partner</th> <th style="width: 12.5%;">Partner-1</th> <th style="width: 12.5%;">Partner-2</th> </tr> </thead> <tbody> <tr> <td>Design/ Design Verification &amp; Detail Engineering</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Supply</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Installation, Testing and Commissioning</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>The experience will be considered as per the percentage participation of the applicant in the JV or Association of the completed work.</p>				Type of Services Rendered	Lead Partner	Partner-1	Partner-2	Design/ Design Verification & Detail Engineering				Supply				Installation, Testing and Commissioning			
Type of Services Rendered	Lead Partner	Partner-1	Partner-2																
Design/ Design Verification & Detail Engineering																			
Supply																			
Installation, Testing and Commissioning																			

**Form EXP - 2: Experience in Key Activities**

Fill out one (1) form per contract.

Contract with Similar Key Activities		
<b>Contract No . . . . . of . . . . .</b> .	<b>Contract Identification</b>	
<b>Award Date</b>	<b>Completion Date</b>	
<b>Role in Contract</b>	<input type="checkbox"/> Contractor <input type="checkbox"/> Management Contractor <input type="checkbox"/> Subcontractor	
<b>Total Contract Amount</b>	<b>INR</b>	
<b>If partner in a Joint Venture or subcontractor, specify participation of total contract amount</b>	<b>Percent of Total</b>	<b>Amount</b>
<b>Employer's name</b> <b>Address</b> <b>Telephone number</b> <b>Fax number</b> <b>E-mail</b>		
Description of the key activities in accordance with Criterion 2.4.2 of Section 3		
	Centralized Air Conditioning with Water/Air cooled chiller Low Voltage Power Supply System	

**Form EXP - 3: Subcontractors**

Fill out one (1) form per contract.

Contract for the Major Items			
Contract No . . . . . of . . . . .	Contract Identification		
Award Date	Completion Date		
Role in Contract	<input type="checkbox"/> Contractor <input type="checkbox"/> Management Contractor <input type="checkbox"/> Subcontractor		
Total Contract Amount	INR		
If partner in a Joint Venture or subcontractor, specify participation of total contract amount	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Percent of Total</td> <td style="width: 50%;">Amount</td> </tr> </table>	Percent of Total	Amount
Percent of Total	Amount		
Employer's name Address Telephone number Fax number E-mail			
Description of the major items in accordance with Criterion 2.5 of Section 3			
	<p>Design/Design verification, Installation, Testing and Commissioning (ITC) of TVS system or the Supervision of ITC of TVS System.</p> <p>Or</p> <p>Control &amp; monitoring of TVS system, ECS systems and E&amp;M System of MRTS projects.</p> <p>Or DG system</p> <p>Note:-                      The bidder shall enclose the undertaking/ MOU from the intended sub-contractors to substantiate their willingness and experience in the concern field. The details regarding completion of works shall be submitted for bidder and intended sub-contractors. The proposal will be evaluated accordingly.</p>		

1. Fill up one (1) form per contract.
2. Value of successfully completed portion of any ongoing work up to period of bid preparation will also be considered for qualification of construction experience criteria. Substantially completed means 80% of the contract value.
3. For successfully or substantially completed works, value of work done shall be updated to 'the deadline for submission of bids' price level assuming 2% inflation per year for foreign currency and 5% inflation for Indian currency. Substantially completed means 80% of the contract value. For the purpose of evaluation, all prices will be converted to INR by using Exchange (Selling) rates for those currencies at the close of business of RBI at 31<sup>st</sup> December of each year.
4. Documentary proof such as successfully or substantially completed certificates from client clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work should be submitted. In case the work is executed for private client, copy of work order, bill of quantities, bill wise details of payment received certified by Chartered Accountant under his signature, stamp and membership number, Tax Deducted at Source (TDS) certificates for all payments received and copy of final/last bill paid by client shall be submitted.
5. Only the value of contract as executed by the Bidder/Member in its own name should be indicated. Where a work is undertaken by a group, only that portion of the contract which is undertaken by the concerned applicant/member should be indicated and the remaining done by the other members of the group be excluded. This is to be substantiated with documentary evidence which clearly mentioned the length of tunnel and number of stations along with its plan area completed.