

NOTICE INVITING TENDERS FOR CONTRACT NO. BMR/DDC/SES/PH-II**DESIGN CONSULTANCY SERVICES FOR SES & CFD ANALYSIS AND SIZING OF TVS AND MAJOR ECS EQUIPMENT FOR UNDERGROUND SECTION OF REACH-6 CORRIDOR OF BANGALORE METRO RAIL PROJECT PHASE II.**

Date:17.09.2016

FROM,
 CHIEF ELECTRICAL ENGINEER– PHASE II
 BANGALORE METRO RAIL CORPORATION
 LIMITED
 III FLOOR, BMTc COMPLEX
 K .H ROAD, SHANTHINAGAR
 BENGALURU-560 027

TO,

1. Bangalore Metro Rail Corporation Limited (BMRCL) invites through international competitive bidding the sealed tenders for the work of Design Consultancy Services for SES and CFD Analysis and sizing of TVS and major ECS equipment for underground section of Reach-6 Corridor of Bangalore Metro Rail Project Phase II.

The Key details of the tender are as follows:

Contract No.	BMR/DDC/SES/PH-II
NAME OF WORK	DESIGN CONSULTANCY SERVICES FOR SES AND CFD ANALYSIS AND SIZING OF TVS AND MAJOR ECS EQUIPMENT FOR UNDERGROUND SECTION OF REACH-6 CORRIDOR OF BANGALORE METRO RAIL PROJECT PHASE II.
COST OF TENDER DOCUMENT	INR 25,000 (Indian Rupees Twenty Five Thousand) OR USD 375/- (US Dollars Three hundred seventy five only).
TENDER SECURITY AMOUNT	INR 4,00,000/- (Indian Rupees Four Lakhs)
DATE OF ISSUE OF TENDER DOCUMENT	From 22.09.2016 to 17.10.2016 during office hours.
PRE BID MEETING TO BE HELD ON	27.10.2016 at 11.00 Hrs (IST)
LAST DATE OF SEEKING CLARIFICATION	22.10.2016

LAST DATE OF SUBMISSION OF TENDER	Upto 15:00 Hrs (IST) on 24.11.2016
Date and time of Tender Opening (Envelope containing tender guarantee will be opened first and qualification cum technical package will be opened on the mentioned date and time. Financial packages will be notified to the qualified Tenderers and technically complaint Tenderers in due course.)	At 15:30 Hrs (IST) on 24.11.2016
PLACE OF SUBMISSION & OPENING OF TENDERS	Office of the Managing Director Bangalore Metro Rail Corporation Ltd III Floor, BMTCC Complex K H Road, Shanthinagar Bangalore – 560 027 Karnataka (India).
ADDRESS FOR COMMUNICATION	Chief Electrical Engineer (Traction) – Phase II Bangalore Metro Rail Corporation Ltd, III Floor, BMTCC Complex K H Road, Shanthinagar Bangalore – 560 027 Karnataka (India) Ph No: +91 80 2296 92224 Mob No: +91 9449874575 Fax No:+91 80 2296 9222

2. For this work of Design Consultancy Services for SES and CFD Analysis and sizing of TVS and major ECS equipment for underground section of Reach-6 Corridor of Bangalore Metro Rail Project Phase II as detailed below, the Tender are invited, vide this letter of invitation.
3. A complete set of tender documents may be obtained/purchased by any interested eligible Tenderer on the submission of written application to the Chief Electrical Engineer (Phase-II), BMRCL, Bangalore. Payment shall be made in the form of DD/Pay order drawn in favour of “Bangalore Metro Rail Corporation Limited”, payable at Bangalore.
4. Tender Documents consists of: 2 packages

Volume - 1

- Instructions to Tenderers & Qualifying Requirements including Annexures
- Conditions of Contract
 - Part I - General Conditions of Contract (GCC)
 - Part II - Special Conditions of Contract (SCC)
- Appendix A - Scope of Work
- Appendix B – Standard Pro forma including Form of Agreement
- Appendix C – Outline Design Criteria
- Appendix D –Alignment Drawings, Tunnel dimensions, Location plans and Architectural plans and sections of stations and tunnels. (Appendix D will be handed over to Successful Tenderer after the award of Contract).

Volume - 2

- Appendix E - Financial Package.
5. Tender documents are available on payment of a non-refundable fee of INR 25,000/- OR USD 370/- in the form of Pay order/crossed demand draft issued by an Indian Schedule Bank (excluding Co-operative Banks) or by a Schedule Foreign Bank as defined in Section-2 (e) of RBI Act-1934 read with Second Schedule drawn in favour of “*Bangalore Metro Rail Corporation Limited*”, payable at Bangalore.
 6. Two sets of Tender documents shall be issued out of which one set of Tender documents along with Employer’s clarification on queries including addenda (if any) are to be submitted with the Tender submittal un-tampered, duly signed and stamped on each page.
 7. The Tender submission shall include:
 - i. Tender Guarantee
 - ii. Technical Package
 - iii. Financial Package and
 - iv. One set of un-tampered Tender documents along with Employer’s clarification on queries including addenda (if any), duly signed.
 8. In respect of sealing and submission of documents, the relevant clauses of instructions to Tenderers shall be referred to (please refer to Para no.5.1 - 5.7.6 of ITT).
 9. It is to inform that tender containing any deviation from contractual terms and conditions, specifications and other requirements; save as provided for in the “Instructions to Tenderers” shall be considered as non-responsive and shall be liable for rejection.
 10. Late Tenders, received after stipulated time of submission of bid on the specified date, shall not be accepted under any circumstances.
 11. Tender shall be valid for a period of 120 days from the latest date of submission of Tender as indicated in the notice inviting Tenders and shall be accompanied with a tender guarantee of the requisite amount in the form of a Bank Guarantee described in paragraph 4.2 of the Instructions to Tenderer.
 12. A firm after purchase of the Tender documents in their name can submit the Tender.
 13. The Tender Guarantee is to be submitted as per Clause 4 of the ‘Instructions to Tenderers’.
 14. Tender with duly complete documents in sealed envelopes shall be submitted to the office of the Bangalore Metro Rail Corporation Limited at the address given above.
 15. BMRCL reserves the right to accept or reject any/all tenders without assigning any reasons. Tenderer shall not have any cause of action or claim against BMRCL for rejection of his Tender.

s/d

**CHIEF ELECTRICAL ENGINEER– PHASE II
BANGALORE METRO RAIL CORPORATION LIMITED**

ELIGIBILITY CRITERIA AND QUALIFICATION REQUIREMENT

Qualification Criteria for Design Consultancy Services for SES and CFD Analysis and sizing of TVS and major ECS equipment for underground section of Reach-6 corridor of Bangalore Metro Rail Project Phase II.

1.1 Only those Agencies, which have in-house expertisation of SES and CFD analysis and have already executed SES and CFD analysis for UG Metro Rail tunnel system, can participate in the proposed Tender.

1.1. No Joint Venture/subcontracting to any other agency shall be accepted. However, in case of Tenderer is a foreign company, a joint venture or consortia (with total number of members in the joint venture/consortia shall be limited maximum up to two only), with its fully owned Indian subsidiary shall only be accepted. In such a case, at least one member shall meet the requisite eligibility and qualifying criteria fully prescribed in the Tender.

In the case of Tenderers from a group (as per above para), a statement of participation, indicating the percentage of the participation for each constituent member shall be submitted to the effect that they are bonafide members of the group and that, in the event of award of work, they agree to be jointly and severally liable to BMRCL under the contract which may be subsequently awarded to the group. Details of the existing or proposed joint venture, partnership or consortium agreement, nomination of one of the members as Lead member, area of specialisation in the form of a Memorandum of Understanding signed by all the members shall be submitted.

1.2 Qualification and eligibility criteria [Work experience]:

The agency shall be qualified only if they have completed work(s) during last ten (10) years ending 31.03.2016, as given below:

a) At least **one work** of Design Consultancy service for SES and CFD analysis of TVS and ECS system for a Railway/Metro rail **Tunnel system of minimum stretch of 10 Km length and /or 8 UG Stations**

OR

b) At least **two works** of Design Consultancy service for SES and CFD analysis of TVS and ECS system for a Railway/Metro rail **Tunnel system of minimum stretch of 6 Km length and /or 4 UG Stations**

OR

c) At least **three works** of Design Consultancy service for SES and CFD analysis of TVS and ECS system for a Railway/Metro rail **Tunnel system of minimum stretch of 4 Km length and /or 3 UG Stations**

Note:

- i. Please submit your work experience of completed works up to 31.03.2016, for last ten years as per Annexures-2 & 2A, to be considered for qualification of experience criteria. Documentary proof such as completion certificate from client, clearly indicating the

nature/scope of work/ actual completion cost and actual date of start and date of completion of work should be submitted.

- ii. The work completed of the ongoing works, for the quantity up to 31.03.2016 will also be considered for qualification of experience criteria.

Note: In Case the Tenderer is a foreign company, please refer Para 1.4 of ITT

1.2.1 Financial Eligibility:

The Agency shortlisted shall be eligible only if they have following minimum financial capabilities.

- a) Works capital Liquidity and Banker reference (Net cash flow) of the tenderer during last Audited financial year should be INR 5Million (Based on the information as given in Annexure-3). In case of Joint Venture/Consortium, the percentage participation of each member as incorporated in the MoU shall be taken for calculation.
- b) Profitability: Profit After Tax should be positive in last two years, out of last three consecutive audited financial year ending 31.03.2015/31.12.2015 (as the case may be) for each member in case of Joint Venture/Consortium (Based on the information as given in Annexure-3).
- c) The Net worth of the Tenderer as per the latest audited financial year ending 31.03.2015/31.12.2015 shall be positive, for each member in case of Joint Venture/Consortium (Based on the information as given in Annexure-3).
- d) Annual turnover: The average annual turnover for the Design works of last three years up to 31.03.2015/31.12.2015 as the case may be, should be INR 50Millions (Based on the information as given in Annexure-3). In case of Joint Venture/Consortium, the percentage participation of each member as incorporated in the MoU shall be taken for calculation.

ANNEXURE 1

COMPANY PROFILE OF THE CONSULTANT

S. No.	Description	Particulars
	Name of the Individual / partnership firm/incorporated Company 1. 2.	
	Registered Address, Telephone, Facsimile No., email address (of Individual / each member of the group) 1. 2.	
	Addresses of the Branch offices in India (in case of Foreign Partner)	
	Country of Incorporation / Domicile of the Tenderer 1. 2.	
	Legal Status/Establishment Details of the Tenderer 1. 2.	
	Contact Person Name:	
	Address, Telephone, Fascimile No., email address of the Contact Person.	
	Line of Business of the Tenderer 1. 2.	
	General Experience of the Tenderer 1. 2.	

S. No.	Description	Particulars
	Field of Specialisation of the Tenderer 1. 2.	
	Type of Projects handled by the Tenderer 1. 2.	
	Does the Individual / partnership firm/incorporated Company have ISO 9000 Certification, If yes attach photocopy of the certificate. 1. 2.	
	Has the Individual/ partnership firm/incorporated Company ever failed to complete any work awarded to it? If yes, provide details _____	
	Banker's/ Banking reference 1. 2.	

ANNEXURE 2

PREVIOUS EXPERIENCE INCLUDING QUALIFYING EXPERIENCE

(For the Design Contracts Completed during last seven years up to 31.03.2016)

Project Title:	Location:
Scope:	Address:
Client::	
Client's Representative:	Tel.:
Type of Design Consultancy works : Design Consultancy Services for SES and CFD Analysis and sizing of TVS and major ECS equipment for underground section.	
Date, work commenced	Date, work was completed
Was the date of completion given in the original contract extended?	<input type="checkbox"/> Y <input type="checkbox"/> N
If so, how much and why?	
Were any penalties imposed <input type="checkbox"/> Y <input type="checkbox"/> N For delay? If yes, give details.	Did the applicant go in for Arbitration? <input type="checkbox"/> Y <input type="checkbox"/> N If yes, give details.
Were any penalties imposed for Reasons other than delay? (Like poor quality work). <input type="checkbox"/> Y <input type="checkbox"/> N If yes, give details	Did the applicant go in for Litigation? <input type="checkbox"/> Y <input type="checkbox"/> N If yes, give details.
Contract Value as on 31.03.2016 prices in Rupee equivalent, assuming 5% inflation for Indian Rupees and 2% for foreign currency portion every year. Only the value of contract as executed by the applicant / member in his own name should be indicated. Where a detail design work is undertaken by a Group, only that portion of the Contract which is undertaken by the concerned applicant / member should be included and the remaining done by the other members of the Group excluded.	

Were Quality Assurance obligations required in the detail design work? If yes, whether they were fulfilled?	<table border="1" style="margin-left: auto; margin-right: auto;"> <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>	Y	N		
Y	N				
Were specified performance requirements of the systems achieved? Has the applicant (or any member of a group) been blacklisted by a client? If Yes, Why?	<table border="1" style="margin-left: auto; margin-right: auto;"> <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> <table border="1" style="margin-left: auto; margin-right: auto;"> <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>	Y	N	Y	N
Y	N				
Y	N				
Has the applicant been declared insolvent If yes, give details.	<table border="1" style="margin-left: auto; margin-right: auto;"> <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>	Y	N		
Y	N				
Has the applicant been declared bankrupt If yes, give details	<table border="1" style="margin-left: auto; margin-right: auto;"> <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>	Y	N		
Y	N				

Note: The Applicant shall enclose work completion certificate from the client for each of the work covered above separately.

ANNEXURE 2A

SUMMARY OF ANNEXURE 2

(If design work executed in a group please indicate the percentage participation and area of participation)

Sl No.	contracts completed in last ten years up to 31.03.2016	Date of award of contract	Commencement date	Original Completion date	Actual Date of completion	Reason for extension	Number of system designed:			Total value of contract in INR equivalent as on 31.03.2016	Was the applicant blacklisted by any client (Yes/no)
							A	B	C		
							A. At least one work of Design Consultancy service for SES and CFD analysis of TVS and ECS system for a Railway/Metro rail Tunnel system of minimum stretch of 10 Km length and /or 8 UG stations. OR B. At least two works of Design Consultancy service for SES and CFD analysis of TVS and ECS system for a Railway/Metro rail Tunnel system of minimum stretch of 6 Km length and /or 4 UG Stations OR C. At least three works of Design Consultancy service for SES and CFD analysis of TVS and ECS system for a Railway/Metro rail Tunnel system of minimum stretch of 4 Km length and /or 3 UG Stations				
1.											
2.											
3.											

ANNEXURE 3**FINANCIAL INFORMATION OF THE TENDERER**

(The information furnished in the table shall be got Notarized and to be submitted for both members of JV/Consortium separately)

		Actual for three accounting years ending 2014-15								
		Accounting Year 2012-13 /31.12.2013			Accounting Year 2013-14 /31.12.2014			Accounting Year 2014-15/31.12.2015		
		In respec tive curren cies	Excha nge Rates	Rupees equivale nt	In respec tive curren cies	Excha nge Rates	Rupees equivale nt	In respec tive curren cies	Excha nge Rates	Rupees equivale nt
1	Total Assets									
2	Current Assets									
3	Loans & Advance									
4	Total Liabilities									
5	Current Liabilities									
6	Provisions									
7	Profit before interest and Tax									
8	Profit before Tax but after interest									
9	Profit after Tax									
10	Net worth									
11	Total Debt (including current Liabilities)/Total Equity (including Preference capital)									
12	Banking Limit (along with copy of Bank certificate).									
13	Annual turnover of the tender for design consultancy work									

Note:

1. Attach copies of the audited balance sheets, including all related notes, income statements, copy of the IT returns for the last three years, as indicated above, complying with the following conditions.
 - a. If an Applicant (or member of a group) is wholly or significantly owned by a holding or parent company, the information relating to audited accounts and financial statement shall be provided for such intermediate or ultimate holding or parent company. This information shall be provided in respect of all Applicants, whether applying individually or as a group together with Auditor's certification.
 - b. Financial statements must be audited by a Chartered Accountant.
 - c. Financial statements must be complete, including all notes to the financial statements.
 - d. Financial statements must correspond to accounting periods already completed and audited (no statement for partial periods will be accepted).
 - e. Annexure 3 to be certified by a practicing Chartered Accountant.
2. Financial data of each year submitted in foreign currency shall be converted to Equivalent INR at the exchange rate prevailing on 31st March / 31st December of the respective financial year.

ANNEXURE 4**DETAILS OF KEY PERSONNEL TO BE DEPLOYED**

S.No.	Discipline	Name	Age	Qualificati on	Position and length of service in the organisation	Years of Experience /Field of Specialisation in UG metro system	Total Experience (in Yrs.)
1	Team leader						
2	SES/CFD Programme Expert						
3.	TVS System Expert/ Designer						
4.	ECS Expert/ Designer						
5.	Interface Expert						

Note: The majority of the key Personnel shall be employee of the firm and employed with the firm for last minimum six months period.

ANNEXURE 5

CERTIFICATE FOR NON- ENGAGEMENT OF MIDDLEMAN

(To be signed by the Tenderer)

I confirm and declare that no agent, middleman or any intermediary has been, or will be engaged by me to provide any services, or any other item or work related to the award and performance of this contract. I further confirm and declare that no agency commission or any payment which may be construed as an agency commission has been, or will be paid by me and that the tender price will not include any such amount.

Signed:

Place:

Date:

ANNEXURE 6

TENDERERS' DECLARATION

- 1.0 For the purpose of tender evaluation, study, review and decision making we agree to let you inspect our premises/site etc.
- 2.0 We have prepared the tender entirely in accordance with all the requirements from the tender document and we agree entirely with them. We hereby declare that there has been no deviation quoted against any tender clause/condition.
- 3.0 This is certified that we, do have all in-house facility to carry out the Design Consultancy services mentioned in the terms of the Tender and we will not sub-contract these services to any other Party, except some specialized Work of minor value, for which the Sub- contractors will be selected/engaged after due approval of BMRCL.

Authorized Signatory