

Contract-LKT-5 – Supply, Installation, Testing and commissioning of Ballastless Track of Standard Gauge, from of North – South Corridor in elevated and underground sections along with Ballasted / Ballastless Tracks in Transport Nagar Depot of Lucknow Metro Phase I A Project.



LUCKNOW METRO RAIL CORPORATION LIMITED

Supply, Installation, Testing and commissioning of Ballastless Track of Standard Gauge, of North - South Corridor in elevated and underground sections along with Ballasted / Ballastless Tracks in Transport Nagar Depot of Lucknow Metro Phase I A Project.

CONTRACT NO: LKT-5

TENDER DOCUMENTS

VOLUME 1

NOTICE INVITING TENDER

INSTRUCTION TO TENDERERS

FORM OF TENDER

**LUCKNOW METRO RAIL CORPORATION LIMITED,
Administrative Building, Vipin Khand, Gomtinagar
LUCKNOW - (UP) 226010**

CONTRACT NO: LKT - 5
TENDER DOCUMENTS

VOLUME 1

NOTICE INVITING TENDER

NOTICE INVITING TENDER (NIT)

1.1 GENERAL

1.1.1 Name of Work:

Lucknow Metro Rail Corporation (LMRC) Ltd. invites Open Tenders on local competitive basis from eligible applicants from all countries and all areas, who fulfil *qualification criteria* as stipulated in clause 1.1.4 of NIT, for the work, “**LKT-5 – :Supply, Installation, Testing and commissioning of Ballastless Track of Standard Gauge, of North - South Corridor in elevated and underground sections along with Ballasted / Ballastless Tracks in Transport Nagar Depot of Lucknow Metro Phase I A Project.**”

The brief scope of the work and site information is provided in ITT clause A1 & Employer Requirements (Volume –3)

1.1.2 Key details :

Approximate cost of work	INR 90 Crores
Tender Security amount	INR 1.80 Crores
Completion period of the Work	30 months
Tender documents on sale	From 31.07.2015 to 21.08.2015 (between 10:00 Hrs to 17:00 Hrs) on working days
Cost of Tender documents	INR 21,000/- (inclusive of 5% UPVAT) By (Demand Draft in favour of “Lucknow Metro Rail Corporation Ltd”) payable at Lucknow.
Last date of Seeking Clarification	24.08.2015
Pre-bid Meeting	28.08.2015 @ 11:00 Hrs.
Last date of issuing addendum	02.09.2015
Date & time of Submission of Tender	22.09.2015 @ 15:00 Hrs.
Date & time of opening of Tender	22.09.2015 @ 15:05 Hrs.
Authority and place for purchase of tender documents, seeking clarifications and submission of completed tender documents	Chief Engineer (Design & Track) Lucknow Metro Rail Corporation limited, Administrative Building, Vipin Khand, Gomtinagar Lucknow (UP)– 226010 INDIA

1.1.3. Source of Funds :

The Lucknow Metro Rail Project Phase - 1A is being funded by Government of Uttar Pradesh.

1.1.4 QUALIFICATION CRITERIA :

1.1.4.1 Eligible Applicants : Please refer Clause A3 of ITT

1.1.4.2 Minimum Eligibility Criteria :

A. Work Experience: The tenderers will be qualified only if they have completed work(s) during last 7 years ending 30.06.2015 as given below:

The tenderer (at least one member in case of joint venture /consortium) should have a past experience in execution of all activities in installation of ballastless track for a track length of at least 50 km (in case of double/multiple line, each line will be counted separately) either on MRTS or passenger Railway System.

Notes:

- (i) The lead partner in case of a JV/Consortium shall be the one who has the experience of installation of Ballastless Track among the members of JV/Consortium.
- (ii) The tenderer shall submit details of work executed by them in the Performa of **Annexure-1** of NIT for the works to be considered for qualification of work experience criteria. Documentary proof such as completion certificates from client clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work should be submitted. **The offers submitted without this documentary proof shall not be evaluated.** In case the work is executed for private client, copy of work order, bill of quantities, bill wise details of payment received certified by C.A., T.D.S certificates for all payments received and copy of final/last bill paid by client shall be submitted.
- (iii) Quantity of successfully completed portion of any ongoing work up to 30.06.2015 will also be considered for qualification of work experience criteria.
- (iv) For completed works, value of work done shall be updated to 30.06.2015 price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. **The exchange rate of foreign currency shall be applicable 28 days before the submission date of tender.**
- (v) In case of joint venture / Consortium, full value of the work, if done by the same joint venture or any of members of the Joint Venture shall be considered. However, if the work done by them in any other JV/consortium, value of work as per his percentage participation in that JV shall be considered.

B. - Financial Standing: The tenderers will be qualified only if they have minimum financial capabilities as below:

(i) T1 - Liquidity

- (a) The tenderer must have liquidity equal to cash flow requirement of value 5.14 Crores for the contract.
- (b) The liquidity shall be ascertained from Net Working Capital {Current Assets – (current liabilities + provisions)} as per latest audited balance sheet and/or from the Banking reference(s).
- (c) Banking reference(s) should contain in clear terms the amount that the Bank will be in a position to lend for this work to the applicant/member of the Joint Venture/Consortium. In case the Net Working Capital (as seen from the Balance Sheet) is negative, only the Banking reference(s) will be considered, otherwise the aggregate of the Net Working Capital and submitted Banking reference(s) will be considered for working out the Liquidity.
- (d) The Banking references should be from a Scheduled Bank in India or from an International Bank of repute (in case of foreign vendors) and it should not be more than 3 months old as on the date of submission of bids.

- (e) In Case of JV: - Requirement of working capital is to be distributed between members as per their percentage participation and every member should satisfy the requirement for his portion.

Example: Let member-1 has percentage participation= M and member-2 has percentage participation= N . If minimum working capital required is 'W' then working capital of member-1 $\geq \frac{W \cdot M}{100}$ and working capital of member-2 $\geq \frac{W \cdot N}{100}$.

- (f) In case the applicant is a Joint Venture/Consortium and if Banking Reference is issued by the bank in favour of the Joint Venture/Consortium for this contract, then it will be considered for the tenderer and if the Banking reference(s) is issued in favour of any member of JV/Consortium it will be considered only for that member.

- (ii) **T2 - Profitability**: Profit before Tax should be Positive in at least 2(two) year, out of the last five audited financial years

In Case of JV - The profitability of only lead member shall be evaluated.

- (iii) **T3 - Net Worth** : Net Worth of tenderer must be ≥ 9.00 Crores in the latest audited financial balance sheets.

In Case of JV, the algebraic sum total of Net Worths of all the members as per the latest audited balance sheets shall be considered the Net Worth of the tenderer.

- (iv) **T4 - Annual Turnover**: The average annual turnover from construction of last five financial years should be ≥ 28.8 Crores.

In Case of JV – the tenderer must fulfil the following conditions:

1. Each partner to have minimum 25% of minimum requirement.
2. At least one partner to have 40% of minimum requirement.
3. All partners put together should meet the minimum requirement as per their percentage participation.

Example: Let Member-1 has percentage participation = M and Member - 2 has = N . Let the average annual turnover of Member-1 is 'A' and that of Member-2 is 'B', then the average annual turnover of JV will be

$$\frac{=AM+BN}{100}$$

Notes:

- Financial data for latest last five audited financial years has to be submitted by the tenderer in **Annexure-2** of NIT along with audited balance sheets. The financial data in the prescribed format shall be certified by Chartered Accountant with his stamp and signature. In case audited balance sheet of the last financial year is not made available by the bidder, he has to submit an affidavit certifying that 'the balance sheet has actually not been audited so far'. In such a case the financial data of previous '4' audited financial years will be taken into consideration for evaluation. If audited balance sheet of any other year than the last year is not submitted, the tender will be considered as non-responsive.
- 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.

1.1.4.3 Bid Capacity Criteria :

Bid Capacity: The tenderers will be qualified only if their available bid capacity is more than the approximate cost of work as per NIT. Available bid capacity will be calculated based on the following formula:

$$\text{Available Bid Capacity} = 2 * A * N - B$$

Where,

A = Maximum of the value of construction works executed in any one year during the last five financial years (updated to 31.03.2015 price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year).

N = No. of years prescribed for completion of the work

B = Value of existing commitments (**as on 30.06.2015**) for on-going construction works during period of **30 months w.e.f. 01.07.2015**.

Notes:

- Financial data for latest last five financial years has to be submitted by the tenderer in **Annexure-3A** of NIT along with audited financial statements. The financial data in the prescribed format shall be certified by the Chartered Accountant with his stamp and signature in original.
- Value of existing commitments for on-going construction works during period of **30 months w.e.f.01.07.2015** has to be submitted by the tenderer in **Annexure-3B** of NIT.
- These data shall be certified by the Chartered Accountant with his stamp and signature.
- In the case of a group, the above formula will be applied to each member to the extent of his proposed participation in the execution of the work. If the proposed % is not provided, equal participation will be assumed.

1.1.4.4 The tender submission of tenderers, who do not qualify the minimum eligibility criteria & bid capacity criteria stipulated in the clauses 1.1.4.2 to 1.1.4.3 above, shall not be considered for further evaluation and therefore rejected. The mere fact that the tenderer is qualified as mentioned in sub clause 1.1.4.2 to 1.1.4.3 shall not imply that his bid shall automatically be accepted. The same should contain all technical data as required for consideration of tender prescribed in the ITT.

1.1.4.5 **Minimum Key Staff requirement** – Tenderers is required to submit details/proposal of minimum key staff to be deployed as given below. Minimum qualification required for key staff has been given in Annexure – 10 of ITT

a). Project Manager – having minimum 15 years of total experience out of which 10 years should be in projects of similar nature and at similar level i.e. installation of ballasted / ballastless track and turnouts.

b). Deputy Project Manager-1 (DPM-1) Ballastless Track - having minimum 10 years of total experience out of which 5 years should be in installation of ballastless track.

c). Deleted.

d). Deputy Project Manager (DPM) Ballastless Turnout - having minimum 10 years of total experience out of which 5 years should be in installation of ballastless turnout.

e) Deputy Project Manager (DPM) Ballasted Track including turnouts- having minimum 10 years of total experience out of which 5 years should be in installation of ballasted track.

f) Deputy Project Manager (DPM) Rail Welding - having minimum 10 years of total experience out of which 5 years should be in Flash Butt Welding and Alumino Thermic Welding.

g) Chief Quality Assurance Manager - Quality - having minimum 7 years of total experience out of which 4 years should be in quality control in installation of ballastless / ballasted track.

h). Survey In-Charge - having minimum 8 years of total experience out of which 5 years should be in installation of ballastless track.

i). Chief SHE Manager – As per the qualification and experience given in General Instruction – 2 of LMRC SHE manual.

j). Deputy Project Manager (DPM) Planning and Procurement - having minimum 10 years of total experience out of which 5 years should be in planning of similar projects.

NOTE – Please submit the CV of above Key Personals as per Annexure – 5 of NIT

1.1.4.6 Deleted

1.1.4.7 The tenderer should either own mobile flash butt welding plant for deploying the same for this contract or should furnish a concrete proposal to hire / subcontract the same along with the names /details of source /agencies for the same.

1.1.5 The Tender documents consist of :

Volume 1

Notice Inviting Tender
Instructions to Tenderers (including Annexures)
Form of Tender (including Appendices)

Volume 2

General Conditions of Contracts
Special Conditions of Contract (including Schedules)

Volume 3

Employer's Requirements – General Specification
Employer's Requirements – Particular Specification
Employer's Requirements – Appendices

Volume 4 Tender Drawings

Volume 5 Bill of Quantities and Explanatory Notes to BOQ

Volume 6 Condition of Contract on Safety, Health & Environment (SHE) Ver 1.2

1.1.6 The contract shall be governed by the documents listed in para 1.1.5 above along with latest edition of CPWD Specification, IRS Specifications & MORTH Specifications. These may be purchased separately from the market.

1.1.7 The tenderers may obtain further information/ clarification, if any, in respect of these tender documents from the office of Chief Engineer (Design & Track), Lucknow Metro Rail Corporation Limited, 1st floor, A-Block, Administrative Building, Vipin Khand, Gomtinagar, Lucknow - 226010 .

1.1.8 All tenderers are hereby cautioned that tenders containing any material deviation or

reservations as described in Clause. E 4.4 of “Instructions to Tenderers” and/or minor deviation without quoting the cost of withdrawal shall be considered as non-responsive and is liable to be rejected.

- 1.1.9 Late tenders (received after date and time of submission of bid) shall not be accepted under any circumstances.
- 1.1.10 Tenders shall be valid for a period of 180 days from the date of submission of Tenders and shall be accompanied with a tender security of the requisite amount (as per Annexure-7 of ITT) from Scheduled Commercial Bank in India in the form as under.
 - a. An irrevocable Bank Guarantee
 - b. An irrevocable Letter of Credit
 - c. A Demand Draft/Pay order.
- 1.1.11 LMRC reserves the right to accept or reject any or all proposals without assigning any reasons. No tenderer shall have any cause of action or claim against the LMRC for rejection of his proposal.
- 1.1.12 **Tenderer shall note that all submissions are to be properly numbered, indexed and hardbound.**

ANNEXURE - 1A: Summary of Information provided in Annexure-1

Applicant’s legal name **Date**.....

Group Member’s legal name..... **Page** **of** **pages**

Name of Applicant (each member in case of group)	Total Number of works As per clause no. 1.1.4.2 A at the price level of 30.06.2015	No. of contracts delayed, i.e., completed beyond the original date of completion

NOTE:-

1. In case the work was done as JV/Consortium, only the value of work done by the applicant as per his Percentage participation must be given.
2. Reasons of delay whether on contractors account or on account of Employer in each applicable case need to be enclosed separately.

Financial DATA

Applicant’s legal nameDate

Group Member’s legal name..... Page of Pages

Each Applicant or member of a JV must fill in this form

S.N.	Description	Financial Data for Latest Last 5 Years (Indian Rupees)				
		Year 2010-11	Year 2011-12	Year 2012-13	Year 2013-14	Year 2014-15
1.	Total Assets					
2.	Current Assets					
3.	Total External Liabilities					
4.	Current Liabilities					
5.	Annual Profits Before Taxes					
6.	Annual Profits After Taxes					
7.	Net Worth [= 1 - 3]					
8.	Working Capital [=2 - 4]					
9.	Return on Equity					
10	Annual turnover (from construction)					
11	Gross Annual turnover					

Attach copies of the audited balance sheets, including all related notes, income statements for the last five audited financial years, as indicated above, complying with the following conditions.

1. Separate Performa shall be used for each member in case of JV/Consortium.
2. All such documents reflect the financial data of the Applicant or member in case of JV, and not sister or Parent Company.
3. Historic financial statements shall be audited by Statutory Auditor of the Company under their seal & stamp and shall be strictly based on Audited Annual Financial results of the relevant period(s). No statements for partial periods will be accepted.
4. Historic financial statements must be complete, including all notes to the financial statements.
5. Foreign applicants, in whose country calendar year is also the financial year, may submit all relevant data for the last 5 years i.e. 2010,2011,2012,2013 and 2014.
6. Return on Equity = Net Income / Shareholders Equity
Return on Equity = Net Income is for the full fiscal year (before dividends paid to common stock holders but after dividends to preferred stock).
Shareholders equity does not include preferred shares.
7. The above Annexure shall be duly certified by Chartered Accountant / Company Auditor under his signature & stamp.

ANNEXURE- 3A

FINANCIAL DATA

(CONSTRUCTION WORK DONE DURING THE LATEST LAST FIVE FINANCIAL YEARS)

NAME OF THE TENDERER (CONSTITUENT MEMBER IN CASE OF JV/CONSORTIUM) :

(All amounts in Rupees in Crores)

S. No.	DESCRIPTION	Financial Data for Last 5 Audited Financial Years				
		Year 2010-11	Year 2011-12	Year 2012-13	Year 2013-14	Year 2014-15
1	2	3	4	5	6	7
	Total value of construction work done as per audited financial statements					

NOTE:

1. Separate Performa shall be used for each member in case of JV/Consortium.
2. Attach attested copies of the Audited Financial Statements of the last five financial years as Annexure.
3. All such documents reflect the financial data of the tenderer or member in case of JV/Consortium, and not that of sister or parent company.
4. The financial data in above prescribed format shall be certified by Chartered Accountant / Company Auditor under his signature & stamp.
5. The above financial data will be updated to 31.03.2015 price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. **The exchange rate of foreign currency shall be applicable 28 days before the submission date of tender.**

ANNEXURE- 3B

ANNEXURE 3B: Works in hand

AS on first day of the month of tender submission

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 30.06.2015	<i>Date of Completion as per Contract Agreement</i>	<i>Expected Completion Date</i>	Delay if any, with reason	Value of work to be done in 2015-16 (1 st July 2015 to 31 st March 2016)	Value of work to be done in 2016-17 (1 st April 2016 to 31 st March 2017)	Value of work to be done in 2017-18 (1 st April 2017 to 31 st Dec 2017)

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ANNEXURE- 4

DELETED

ANNEXURE 5

Applicant’s legal name Date.....
 Group Member’s legal name..... Page of pages

Key Staff Bio-data (Provide information for all key staff)

Name of Applicant			
Position			
<i>Candidate Information</i>	Name of Candidate	Date of Birth	
	Professional Qualifications		
<i>Present employment</i>	Name of Employer		
	Address of Employer		
	Telephone	Contact (manager / personnel officer)	
	Fax	Email ID	
	Job title of candidate	Years with present employer	

Summarize professional experience over the last 20 years, in reverse chronological order. Indicate particular technical and managerial experience relevant to the Project

<i>From</i>	<i>To</i>	<i>Company / Project / Position / Relevant technical and managerial experience</i>