



JAIPUR METRO

**JAIPUR METRO RAIL CORPORATION LIMITED**

3<sup>rd</sup> Floor, RAJSICO Building, Udhog Bhawan,

Tilak Marg, C-Scheme, Jaipur-302005

CIN: U60221RJ2010SGC030630

Tel: No. 0141- 2822250 Fax: 0141-2822251

Website: <http://transport.rajasthan.gov.in/jmrc>; email: [dp@jaipurmetrorail.in](mailto:dp@jaipurmetrorail.in)



No. F.7 (A-271)/JMRC/RE/PC/S&T/Ph-1&2/2018/ **841**

Date: 31.07.2018

Sh. Sanjay Mishra,  
G-409, Akashganga Apartment,  
22 Godam Road,  
Jaipur-302006

**Sub:** Appointment of Professional Consultant (S&T) for various Signalling and Telecom activities related to Jaipur Metro Rail Project Phase 1 & 2.

Dear Sir,

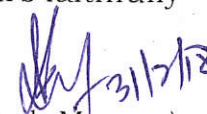
JMRC hereby seeks your proposal for appointment of Professional Consultant (S&T) for various Signalling and Telecom activities related to Jaipur Metro Rail Project Phase 1 & 2.

You are requested to submit your financial proposal as per the terms and conditions of the enclosed Terms of Reference latest by 06.08.2018 before 03:30 PM at place mentioned below.

DIRECTOR (PROJECT)  
III<sup>RD</sup> FLOOR, RAJSICO BUILDING  
UDYOG BHAWAN PREMISES  
TILAK MARG, JAIPUR - 302005

Thanking You.

Yours faithfully

  
(Ashok Maurya)  
GM/S&T/JMRC

ENGAGING PROFESSIONAL CONSULTANT (S&T) FOR VARIOUS  
SIGNALLING AND TELECOM ACTIVITIES RELATED TO JAIPUR METRO  
RAIL PROJECT PHASE-1 & 2.

### TERMS OF REFERENCE

#### 1. Introduction & Objective of assignment

- 1.1 Jaipur Metro Rail Corporation Ltd. (JMRC), hereinafter referred to as **"the Corporation"**, is a Special Purpose Vehicle (SPV) formed by Government of Rajasthan, as a wholly owned State Enterprise for execution of the Jaipur Metro Rail Project.
- 1.2 The section between Mansarovar Metro Station and Chandpole Metro Station of Jaipur Metro Rail Project Phase-1A has been opened for commercial operation on 03.06.2015. Post commercial operation there are lot of works related with Signalling and Telecommunication Systems deployed in the metro rail which are to be addressed/undertaken on continual basis like pending contractual requirements of S&T Systems viz., satisfactory conclusion of DLP & related issues with various S&T contractors, liaising with external agencies for statutory requirements for running of S&T systems, coordination with DMRC and contractors on technical problems cropping up during train running operation etc.
- 1.3 The Corporation is executing Jaipur Metro Rail Project Phase-1B Project comprising of two underground stations at Choti Chauper and Badi Chauper and tunnel section from Chandpole to Badi Chauper and reversal line.
- 1.4 The work pertaining to Jaipur Metro Rail Project Phase-1B is in full swing and commissioning related works are to be completed within 10-12 months time to ensure opening for revenue operation without reversal.

The bidding work for S&T systems (comprising of 05 packages) is in advance stages, viz, for Train Control and Signalling System Package, (Notification of Award has been issued), Telecommunication Systems package (Financial evaluation is in process), for AFC system and ISA package bidding process is underway. There is requirement of day to day interaction with ADB, GC-DMRC & designated contractors and JMRC Finance & Technical wings by a professional who is well conversant with the S&T Systems.



Further to this, post-bid activities viz., Contract award, issue of LOA, preparation of Contract Agreement, , interfacing for resources and coordination on contractual issues with all concerned agencies for execution of the S&T Systems related works, review of design and documents as submitted by the contractors like installation methodology, installation, testing and commissioning plans, migration plan, test reports, safety cases etc., shall also have to be dealt with effectively, to maintain the pace of work.

Lot of field level interaction with contractors and all concerned agencies on technical and other matters is involved and shall require site inspections frequently, needed to ensure timely completion of S&T activities.

- 1.5 Jaipur Metro is exploring the possibility of execution of Jaipur Metro Phase-2 on EPC or PPP mode. Any technical matter within S&T ambit that may evolve during the course of exercise pertaining to this phase shall also have to be addressed. This is more pertinent in view of new genre of S&T systems which shall be adopted for Phase 2.
- 1.6 To implement these works, services of an experienced professional conversant with S&T Systems in Metro Rail environment and who is capable of getting all these jobs done expeditiously is required to maintain the pace of the work of metro project.

## **2. Scope of Work**

- 2.1 The Professional will be called **Professional Consultant (S&T)** and work under Director (Project) or equivalent level of officers in the Corporation.
- 2.2 The scope of the services in accordance with these Terms of References (ToR) includes working to maintain close co-ordination at field level so as to ensure consistent, on time execution of project works. The scope of services for the Project shall, inter alia, include, but not be limited to the following:

## **3. Responsibility and Duties of the Professional:**

- 3.1 Liaising from JMRC Project side with DMRC, JMRC O&M and Contractors on Phase-1A related pending issues/contractual obligations.
- 3.2 Interfacing with ADB, GC-DMRC and concerned wings of JMRC on project related activities, for JMRC Phase-1B viz., Bid finalisation, award, facilitating mobilisation of resources and requirements of





executing agencies, overseeing and monitoring execution of S&T Phase-1B works.

- 3.3 Liaising from JMRC Project side with external agencies on fulfillment of statutory and regulating obligations as required from time to time for S&T Systems works.
- 3.4 Review of design and documents as submitted by the contractors like installation methodology, installation, testing and commissioning plans, migration plan, test reports, safety cases etc.
- 3.5 Field monitoring and coordination activities during S&T work execution and commissioning phase.
- 3.6 To attend meetings, undertake site visits, conferences and workshops as and when required and directed.
- 3.7 To prepare detailed factual reports from Project Directorate side for status and progress related with S&T Systems work.
- 3.8 Any other assignments entrusted by controlling authority from time to time.
- 3.9 To work for constantly improving the brand image of Metro in public mind.

#### **4. Qualifications of the Professional:**

- 4.1 Professional should hold a degree in Electronics Engineering from a Govt. recognized Institute.
- 4.2 Professional must have experience of more than 25 years having worked in PSE/Government Department.
- 4.3 Professional must have experience of working for at least 03 years in a Metro Rail Project.
- 4.4 Professional must be well conversant with Signalling and Telecom related Systems deployed in Metro Rail environment.

#### **5. Commencement of Service:**

- 5.1 The Professional shall commence his service with the date of issue of LOA (Letter of Acceptance).

#### **6. Time Period of assignment**

- 6.1 The Assignment shall be for the period of One Year.

## **7. Financial Proposal**

- 7.1 In preparing the Financial Proposal, the Professional is expected to take into account the requirements and conditions of the TOR. The Professional shall indicate all costs associated with the Assignment, like remuneration and reimbursable other services.

## **8. Payment Schedule**

- 8.1 The remuneration, inclusive of all taxes but excluding GST if any, of the Professional will be paid monthly.
- 8.2 The professional shall use his own mobile for the consultancy work and will not claim any reimbursement of mobile/telephone/internet expenses.
- 8.3 Lodging charges, boarding charges, local taxi charges and diem allowance for the journeys performed outside the Jaipur for official purpose will be made to the Professional equivalent to entitlement of the officers of GM or equivalent level in the corporation.
- 8.4 The payment will be released to the Professional on the basis of monthly attendance.
- 8.5 The Professional is entitled for all the Govt. Holidays; however Professional may be called after duty hours or on any Holidays as per the exigencies of work and no extra payment will be made for it.
- 8.6 The Professional is entitled for 10 days casual leave in the whole period of this assignment and if he avails leave of more than 10 days then payment will be deducted on prorata basis.

## **9. JMRC Obligations**

- 9.1 The Professional shall be provided with fully furnished office equipped with Desktop Computer, Printer, Landline Telephone Wi-Fi connectivity, stationary and Storage facility to keep records on no-cost to the Professional.
- 9.2 A office boy, data entry operator for assigning the services will be given on no-cost to the Professional as per the requirements of the work.
- 9.3 The Professional shall be allowed to use pool vehicle of the Corporation, on need basis, for performing duties related to coordination activities, attending meetings and field work progress monitoring and inspections requiring sites movements and field level interactions with contractors and other concerned agencies.



9.4 Staff working in Jaipur Metro will assist the Professional in handling this assignment.

**10. Conflict of Interest**

The Corporation requires that the Professional provide his services in a professional, objective and impartial manner and at all times hold the Corporation's interests paramount, avoid conflicts with his other assignments or interests, and act without any consideration for future work. The Professional shall not engage, either directly or indirectly, during the term of this assignment in any business or professional activities which would conflict with the activities assigned to him by JMRC.

**11. Termination of Assignment:**

The Corporation can terminate the assignment between the Professional and the Corporation by giving a written notice of not less than one month, if the Professional fails to perform his duties and responsibilities in any manner on any occasion.

Signature & Name  
of the Professional

Signature & Name  
of the Authorised Signatory



**Format of Financial Offer**

SN	Work	Offered Price per Month
1.	Professional Services related to S&T for facilitating and coordinating various activities related to Jaipur Metro Rail Project Phase 1 & 2.	
	Total Price per Month	
	GST (to be paid by the Corporation)	
	Grand Total per Month	

Signature & Name with Address of the Professional

