

## REQUIREMENT OF PROFESSIONAL EXPERTS FOR HARYANA ORBITAL RAIL CORRIDOR PROJECT

MITES/UT-GC/HORC/2021  
Dated: 15.07.2022

MITES Ltd. is providing General Consultancy Services for Haryana Orbital Rail Corridor (HORC) From Palwal to Sonitpat via Sohna, Manesar and Kharkhoda. In this connection, Rites Ltd. needs professionals who are not yet superannuated for the following positions:

Sr No.	Expert Position	Professional Qualification	Length of Experience	No. of Experts
1.	<b>Chief Resident Engineer EST</b>  (RE-Electrical (General and OHE))	Degree in Electrical/ Electronics Engineering OR a combination of any sub stream of basic streams of Electrical/ Electronics Engineering from a recognized University/ Institution. Or equivalent	<b>Total professional experience (post essential professional qualification):</b>  At least 12 years for Graduate Engineers  <b>Relevant Experience (post essential professional qualification):</b>  At least 8 years' experience of execution/supervision of a Railway Electrification project with Project Management Consultant or General Consultant or Construction Agency.	1
2.	<b>Chief Resident Engineer/ Civil</b>  (RE-Civil for Project Site)	Degree in Civil Engineering from a recognised institution or equivalent.	<b>Total Professional Experience (post essential professional qualification):</b>  At least 12 years for Graduate Engineer.  <b>Relevant Experience (post essential professional qualification):</b>  At least 8 years experience of construction/ supervision of railway Infrastructure projects involving earthworks, bridges, tunnel, station buildings etc. with Project Management Consultant or General Consultant or Construction Agency.	2
3.	<b>Senior Drawing &amp; Design</b>	Diploma in Electronics/ Electrical Engineering from a recognized	<b>Total Professional Experience (post essential professional</b>	



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	Expert/S&T (ARE-Drawing and Design (S&T))	Institution or equivalent. OR Degree in Electronics/ Electrical Engineering from a recognized institution or equivalent	<b>qualification):</b> At least 7 years for Graduate Engineers or 10 years for Diploma Engineers in designing Railway Signalling  <b>Relevant Experience (post essential professional qualification):</b> At least 4 year(for Graduates) & 6 years (for Diploma holders) shall be with Project Management Consultants or Construction Agency or General Consultant and/ or with Signalling Contractors for RRI/ SSI/ PI and/ or with OEMs of Electronic Interlocking system either individually or combined.	
4.	Senior QA/QC Expert (ARE-QA/QC-Civil)	Diploma in Civil Engineering from a recognized Institution or equivalent. OR Graduate Degree in Civil Engineering from a recognized institution or equivalent.	<b>Total Professional Experience (post essential professional qualification):</b> At least 7 years for degree holder or 10 years for diploma holder.  <b>Relevant Experience (post essential professional qualification):</b> At least 4/6 years (degree/ diploma) experience of <b>Supervisor and above in Quality Assurance &amp; Quality Control in construction of Railway infrastructure projects</b> or of any eligible works.	1
5.	Senior Drawing & Design Expert/Electrical (ARE-Drawing)	Diploma in Electrical/ Electronics Engineering OR a combination of any sub stream of basic streams of Electrical/ Electronics Engineering from a recognized	<b>Total Professional Experience(post essential professional qualification):</b> At least 7 years for Graduate Engineers or 10 years for Diploma Engineers in Infrastructure Projects	1



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	and Design (Electrical) Engineer	University/ Institution. Or equivalent.  OR Degree in Electronics/ Electrical Engineering from a recognized institution or equivalent	involving Railway electrification aspects.  <b>Relevant Experience (post essential professional qualification):</b> At least 4 years (for Graduates) & 6 years (for Diploma holders) shall be with Project Management Consultants or Construction Agency or General Consultant and/ or with Electrification Contractors either individually or combined having experience in designing of OHE and PSI for IR systems.	
6.	<b>Senior Contract Expert</b>  (ARE Planning and Contract)	Diploma in Civil Engineering from a recognised institution or equivalent.  OR Graduate Degree in Civil Engineering from a recognized institution or equivalent.	<b>Total Professional Experience (post essential professional qualification):</b> At least 7/10 years' experience for Degree/ Diploma holder.  <b>Relevant Experience (post essential professional qualification):</b> At least 4/6 years (Degree/ Diploma) experience of preparation of procurement strategy, tender documents, bid process management, managing contracts of Railway infrastructure projects or of eligible works	1
7.	<b>Senior Track Expert</b>  (ARE-P Way)	Diploma in Civil Engineering from a recognized institute or equivalent.  OR Degree in Civil Engineering from a recognized institute or equivalent.	<b>Total Professional Experience (post essential professional qualification):</b> At least 7 years for degree holder or 10 years for diploma holder.  <b>Relevant Experience (post essential professional qualification):</b> (i) At least 4/6 years (Degree/ Diploma) experience	1



Sr No.	Expert Position	Professional Qualification	Length of Experience	No. of Experts
			<p>track laying in construction of Railway Lines or Track Renewals or track maintenance in rail infrastructure projects or in any eligible works.</p> <p>(ii) Preference shall be given to the person having experience in Mechanized track linking works.</p>	
8.	<p><b>Planning &amp; Procurement Engineer</b></p> <p>(Supervisor-Planning and Contracts)</p>	<p>Diploma in Civil Engineering from a recognised institution or equivalent</p> <p>OR</p> <p>Graduate Degree in Civil Engineering from a recognized institution or equivalent.</p>	<p><b>Total Professional Experience (post essential professional qualification):</b></p> <p>At least 4/7 years' experience for Degree/ Diploma holder.</p> <p><b>Relevant Experience (post essential professional qualification):</b></p> <p>At least 2/4years (Degree/Diploma)of experience of preparation of procurement strategy, tender documents, bid process management, managing contracts of Railway infrastructure projects or of any eligible works.</p>	2
9.	<p><b>Drawing &amp; Design Engineer/ S&amp;T</b></p> <p>(Supervisor-Drawing and Design (S&amp;T) Engineer)</p>	<p>Diploma in Electronics and communication/ Electronics/Electrical Engineering from a recognized Institution or equivalent.</p> <p>OR</p> <p>Degree in Electronics and communication/ Electronics/ Electrical Engineering from a recognized institution or equivalent</p>	<p><b>Total Professional Experience (post essential professional qualification):</b></p> <p>At least 4 years for Graduate Engineers or 7 years for Diploma Engineers in designing Railway Signalling</p> <p><b>Relevant Experience (post essential professional qualification):</b></p> <p>At least 2 years (for Graduates) &amp; 4 years (for Diploma holders) experience shall be with Project Management Consultants or General Consultant or Construction Agency and/ or with Signalling</p>	1



Sr No.	Expert Position	Professional Qualification	Length of Experience	No. of Experts
			Contractors for RRI/ SSI/ PI and/ or with OEMs of Electronic Interlocking system either individually or combined.	
10.	<b>Drawing &amp; Design Engineer/ Electrical</b>  (Supervisor-Drawing and Design(Electrical) Engineer)	Diploma in Electrical/ Electronics Engineering OR a combination of any sub stream of basic streams of Electrical/ Electronics Engineering from a recognized University/ Institution or equivalent.  OR  Degree in Electronics/ Electrical Engineering from a recognized institution or equivalent	<b>Total Professional Experience (post essential professional qualification):</b>  At least 4 years for Graduate Engineers or 7 years for Diploma Engineers in Infrastructure Projects involving Railway electrification aspects.  <b>Relevant Experience (post essential professional qualification):</b>  At least 2 years (for Graduates) & 4 years (for Diploma holders) experience shall be with Project Management Consultant or General Consultant and/ or with Electrification Contractors either individually or combined having experience in designing of OHE and PSI for IR systems.	1
11.	<b>QS and Billing Engineer</b>  (Supervisor (QS and Billing))	Diploma in Civil Engineering from a recognized Institution or equivalent.  OR  Graduate Degree in Civil Engineering from a recognized institution or equivalent	<b>Total Professional Experience (post essential professional qualification):</b>  At least 4 years for degree holder or 7 years for diploma holder.  <b>Relevant Experience (post essential professional qualification):</b>  At least 2/4years (degree/diploma) experience of preparation of detailed Estimate of project components, billing, budgeting & cost controlling of Railway Infrastructure projects or of any eligible works.	1





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12.	<b>Design Engineer Civil</b>  (Supervisor Civil/Design)	Graduate Degree in Civil Engineering from a recognized institution	<b>Total Professional Experience (post essential professional qualification):</b>  At least 4 years  <b>Relevant Experience (post essential professional qualification):</b>  At least 3 years' experience of design involving Railway Formation, bridges, tunnels, Station buildings, earth retaining structures etc in railway infrastructure projects or any eligible work	2
13.	<b>Section Engineer Civil</b>  (Supervisor Civil for Project Site)	Diploma in Civil Engineering from a recognised institution or equivalent  OR  Graduate Degree in Civil Engineering from a recognized institution or equivalent.	<b>Total Professional Experience (post essential professional qualification):</b>  At least 4 years for degree holder or 7 years for diploma holder.  <b>Relevant Experience (post essential professional qualification):</b>  At least 2/4 years (degree/diploma) experience of <b>construction/ supervision of Railway Infrastructure projects</b> or of any eligible works.	4
14.	<b>Section Engineer Civil</b>  (Supervisor Permanent Way)	Diploma in Civil Engineering or equivalent  OR  Degree in Civil Engineering	<b>Total Professional Experience (post essential professional qualification):</b>  At least 4 years for degree holder or 7 years for diploma holder.  <b>Relevant Experience (post essential professional qualification):</b>  (i) At least 2/4 years (Degree/ Diploma) of <b>track laying in construction of Railway</b>	1



Sr No.	Expert Position	Professional Qualification	Length of Experience	No. of Experts
			<p><b>Lines or Track Renewals or track maintenance</b> in rail infrastructure projects or in any eligible works.</p> <p>(ii) Preference shall be given to the person having experience in supervision of Mechanized Track Linking</p>	
15.	<p><b>Section Engineer/ Electrical</b></p> <p>(Supervisor-Electrical OHE)</p>	<p>Diploma in Electrical/ Electronics Engineering OR a combination of any sub stream of basic streams of Electrical/ Electronics Engineering from a recognized University/ Institution or equivalent.</p> <p style="text-align: center;">OR</p> <p>Degree in Electronics/Electrical Engineering from a recognized institution or equivalent</p>	<p><b>Total Professional Experience:</b></p> <p>At least 4 years for degree holder or 7 years for diploma holder.</p> <p><b>Relevant Experience (post essential professional qualification):</b></p> <p>At least 2/4 years (degree/diploma) experience in <b>maintenance / construction of OHE &amp; PSI works of Railway Electrification including all its aspects</b> in Infrastructure projects of railway line or of any eligible works.</p>	1
16.	<p><b>Section Engineer/ Electrical</b></p> <p>(Supervisor-Electrical General)</p>	<p>Diploma in Electrical/ Electronics Engineering OR a combination of any sub stream of basic streams of Electrical/ Electronics Engineering from a recognized University/ Institution or equivalent.</p> <p style="text-align: center;">OR</p> <p>Degree in Electronics/ Electrical Engineering from a recognized institution or equivalent</p>	<p><b>Total Professional Experience (post essential professional qualification):</b></p> <p>At least 4 years for degree holder or 7 years for diploma holder.</p> <p><b>Relevant Experience (post essential professional qualification):</b></p> <p>At least 2/4 years (degree/diploma) experience of <b>maintenance or construction of Electrical works for building/ sub-station/ distribution system including all its aspects</b> in Infrastructure projects of railway line or of any highway projects or of any</p>	1



Sr No.	Expert Position	Professional Qualification	Length of Experience	No. of Experts
			eligible works.	
17.	Section Engineer S&T (Supervisor Signalling)	Diploma in Electronics/Electrical Engineering from a recognized Institution or equivalent.  OR  Degree in Electronics/Electrical Engineering from a recognized institution or equivalent	<b>Total Professional Experience (post essential professional qualification):</b>  At least 4 years for Graduate Engineers or 7 years for Diploma Engineers in Infrastructure Projects of Railway Signalling  <b>Relevant Experience (post essential professional qualification):</b>  At least 2 years (for Graduates) & 4 years (for Diploma holders) shall be with Project Management Consultants or Construction Agency or General Consultant and/ or with Signalling Contractors for RRI/ SSI/ PI either individually or combined.	1
18.	Section Engineer S&T (Supervisor-Telecom)	Diploma in Electronics and communication/ Electronics/Electrical Engineering from a recognized Institution or equivalent.  OR  Degree in Electronics and communication /Electronics/ Electrical Engineering from a recognized institution or equivalent	<b>Total Professional Experience (post essential professional qualification):</b>  At least 4 years for Graduate Engineers or 7 years for Diploma Engineers in Infrastructure Projects of Railway Telecommunication  <b>Relevant Experience (post essential professional qualification):</b>  At least 2 years (for Graduates) & 4 years (for Diploma holders) shall be with Project Management Consultants or General Consultant and/ or with Telecommunication Contractors individually or combined.	1
19.	Site Engineer QA/QC(Lab) (Supervisor)	Diploma in Civil Engineering from a recognized Institution or equivalent.	<b>Total Professional Experience (post essential professional qualification):</b>  At least 4 years for degree holder or 7 years for diploma	1





Sr No.	Expert Position	Professional Qualification	Length of Experience	No. of Experts
	QA/QC (Civil)	OR Graduate Degree in Civil Engineering from a recognized institution or equivalent	holder. <b>Relevant Experience (post essential professional qualification):</b> At least 2/4 years (degree/diploma) experience of <b>Supervisor and above in Quality assurance and quality Control in construction of Railway infrastructure projects</b> or of any eligible works.	
20.	Assistant Safety and Health Expert	Diploma in any stream.	<b>Total Professional Experience (post essential professional qualification):</b> At least 4 years <b>Relevant Experience (post essential professional qualification):</b> At least 2 years' experience in supervision of safety works in infrastructure projects.	1
21.	CAD Operator	Diploma in Engineering/ Architecture or other related field from a recognized Institution or equivalent. OR Graduate Degree in Engineering/ Architecture or other related field from a recognized institution or equivalent	<b>Total Professional Experience (post essential professional qualification):</b> At least 2 years for Graduate degree holder or 4years for Diploma holder. <b>Relevant Experience (post essential professional qualification):</b> At least 1/2 years (Degree/ Diploma) experience in preparation of technical drawings. Should have knowledge of AutoCAD. Those having experience in Railways/Metro Project will be preferred.	2
22.	Multi-Skilled Assistant cum Clerk/Recor	Graduation in any discipline or equivalent.	<b>Total Professional Experience (post essential professional qualification):</b> At least 4 years for Graduate	6



Sr No.	Expert Position	Professional Qualification	Length of Experience	No. of Experts
	d/Storekeeper		degree holder <b>Relevant Experience (post essential professional qualification):</b> At least 2 years (Degree/Diploma) experience in clerical and administrative duties. Should have knowledge of Internet. Calling. Mail Drafting. Typing. <b>Preference will be given to those having experience in Railway/ Metro Projects.</b>	
23.	Computer Operator cum Stenographer	<b>Essential:</b> (i) Graduation in any discipline or equivalent (ii) Certification course in computer applications.	<b>Total Professional Experience (post essential professional qualification):</b> At least 4 years for Graduate degree holder <b>Relevant Experience (post essential professional qualification):</b> At least 2 years' experience in shorthand of correspondence, reports, and other related material. Should have knowledge of MS Office. Internet. Mail Drafting. Typing. Those having experience in Railways/Metro Project will be preferred.	4

**Imp: Probable Place of Posting will be Palwal, Sohna, Manesar, Kharkhoda and Sonipat**

**Remuneration**

Remuneration will be decided as per policy of the company on approval of CV by client.

**Nature & period of Engagement**

The appointment shall be purely on contractual basis initially for a period of one year, extendable until completion of the assignment subject to mutual consent and satisfactory performance. The actual deployment will be subject to approval of client.



**Note:-**

1. Applicants are requested to register themselves on RITES web site in the registration format available in the EXPERT/AGENCY REGN. link on RITES website <http://www.rites.com> and submit a printout of the same and self-attested copies of the following documents along with the prescribed proforma as attached in hard copy to the undersigned within 07 (Seven) days from the date of publication.
2. High School certificate for proof of Date of Birth.
3. Certificates of Academic & Professional qualifications
4. Detailed CV.
5. Last Payslip, indicating last grade and basic pay drawn issued by the last employer.
6. PF No with the last employer.
7. Proof of Identity & Address (Passport, Voter ID, Driving License, Aadhaar Card etc) L
8. PAN Card
9. Proof of different periods of experience as claimed in the Application Form (if applicable)
10. Any other document in support of candidature.
11. Detailed CVs may also be mailed at [horc.poject@rites.com](mailto:horc.poject@rites.com) with contact details.

*Amitabh Khare*  
(Amitabh Khare) *GM/UT-GC*

GM/UT-GC

SBU Head

RITES Limited (Shikhar)

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## FORM TECH-6 (CONTINUED)

### CURRICULUM VITAE (CV)

Position Title and No.	{e.g., K-1, TEAM LEADER}
Name of Expert	{Insert full name}
Date of Birth	{day/month/year}
Country of Citizenship/Residence	

**Education:**(Starting with highest qualification, list in reverse order)

Qualification	College/University	Year of Passing

**Employment Record Relevant to the Assignment:**(Starting with present position, list in reverse order)

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment

**Membership in Professional Associations and Publications:**

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**Language Skills:** (indicate only languages in which you can work)

**Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
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{List all deliverables/tasks as in TECH- 5 in which the Expert will be involved}






**Expert's contact information:** (e-mail ....., phone.....)

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

\_\_\_\_\_  
{day/month/year}

<i>Name of Expert</i>	<i>[Signature]</i>	<i>Date</i>
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\_\_\_\_\_  
{day/month/year}

<i>Name of Authorized Representative of the Consultant</i>	<i>[Signature]</i>	<i>Date</i>
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