

LETTER OF INVITATION

(Eol Reference No.CoE/IRISET/01/24)

Centre of Excellence (CoE)/IRISET working under the Ministry of Railways seeks responses from Reputed Firms, meeting the requirements of this Eol and who are willing to be associated with Indian Railways for “**Empanelment of Agencies for Tower Design, Fabrication and Installation in the field of LTE Technology or Kavach Technology or any other S&T works on Indian Railways with related Tools and Infrastructure**” to pursue existing need of Indian Railways.

The Reputed Firms can be a company/Joint Venture/Consortium/Sole Proprietor/Partnership firm.

The proposed Eol is to empanelment of firms that have sufficient experience in Tower Design, Fabrication and Installation in the field of LTE / KAVACH Technology or any other S&T works on Indian Railways, and have capacity and capability of carrying out Design, Fabrication and Installation in the field of LTE / KAVACH or any other S&T works on Indian Railways for the railway use. These interested firms can participate & submit the response as specified in this Eol document. Only one response shall be entertained from one firm.

Availing Eol Documents

The Eol Document (**along with its amendment**) can be downloaded free of cost from the website <https://www.ireps.gov.in>

Important Dates:

1. Eol notice will be available on the website 27.04.2024 at 18:00 hrs.
2. Last Date and time for submission of response Up to 14.06.2024 at 15:00 hrs.
3. Bid shall be opened on or after 14.06.2024 after 15.30 hrs.
4. The Pre-Bid meeting conducted on 02.05.2024.

Mode of submitting response to EOI

The response to Eol to be submitted online <https://www.ireps.gov.in> website and within the closing time & date as indicated above.

(Lalit K. Mansukhani)
OSD/CoE/IRISET

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SECTION-1
DISCLAIMER

1. *The purpose of this EoI document is to provide the prospective associate(s) with information to assist the formulation of their response.*
2. *COE/IRISET, its employees make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the EoI document.*
3. *COE/IRISET may, in its absolute discretion, but without being under any obligation to do so, modify, amend or supplement the information in this EoI document.*
4. *The issue of this EoI does not imply that CoE/IRISET is bound to shortlist any or all the prospective associate(s). Even after short-listing of suitable prospective associate(s), COE/IRISET is not bound to proceed ahead with the prospective associate(s) and in no case be responsible or liable for any commercial and consequential liabilities in any manner whatsoever.*
5. *The prospective associate(s) shall bear all costs associated with the preparation, technical discussion/presentation and submission of response to EoI. CoE/IRISET shall in no case be responsible or liable for these costs regardless of the conduct or outcome of the EoI process.*
6. *Canvassing in any form by the prospective associate(s) or by any other agency on their behalf shall lead to disqualification of their response to EoI.*
7. *CoE/IRISET reserves the right to accept or reject any or all the EoI responses received against this notice without assigning any reasons and without prejudice.*
8. *Indian Railways reserves the right to empanel more agency/agencies, as needed in the future.*
9. *The empanelment finalized will be indicative and Indian Railways reserves the right to select the agency / agencies outside the panel also.*

SECTION-2
ABOUT COE/IRISET

Center of Excellence (CoE)/IRISET is an organization setup for Modern Signaling at IRISET, Secunderabad under Ministry of Railways, Government of India. The primary objective of CoE/IRISET is to provide expertise and technical inputs in the field of modern signaling through competence building, research, design & standards, repository of best practices, support, solutions and knowledge management. As part of our ongoing efforts to enhance Railways telecom network infrastructure, we recognize the importance of partnering with proficient agencies for Tower Design, Fabrication and Installation to carry out essential Fabrication and Installation works in Indian Railways.

SECTION-3

GENERAL INSTRUCTIONS TO THE BIDDERS

1. *The EOI shall be accepted under One Bid System. The response to this Eoi to be submitted online <https://www.ireps.gov.in> website against **“Empanelment of Agencies for Tower Design, Fabrication and Installation in the field of LTE Technology or Kavach Technology or any other S&T works on Indian Railways with related Tools and Infrastructure.”** within the closing time & date as indicated above.*
2. *This CoE/IRISET reserves the right to amend or withdraw any of the terms and conditions contained in the EOI Document or to reject any or all the EOIs without giving any notice or assigning any reason. The decision of OSD/CoE, IRISET in this regard shall be final and binding on all.*
3. *Bidding firm(s) can be firms including Joint Ventures/ Consortiums /Sole Proprietors/ Partnership firms.*
4. *The bidder should produce Articles of Association (in case of registered firms), Bye laws and certificates for registration (in case of registered co-operative firms), Partnership deed (in case of partnership firm).*
5. *The bidder should submit the Original Power of Attorney/ Copy of Board Resolution in the name of the person signing the bid as per the applicable rules.*
6. *The Bidders must have furnished the necessary documents to establish their eligibility (indicating the page number in the bid) for each of the items given. Relevant portions in the documents should be highlighted in the section - 10. If a bid is not accompanied by all the necessary documents, it may be rejected by CoE/IRISET.*

SECTION-4

DETAILS OF EXPRESSION OF INTEREST (EOI)

Center of Excellence (CoE)/IRISET invites interested agencies with relevant expertise and experience in Tower Design, Fabrication and Installation to submit their Expression of Interest (EOI) for Empanelment.

Detailed scope of work, including but not limited to:-

The Tower Design, Fabrication and Installation in the field of LTE Technology or Kavach Technology or any other S&T works on Indian Railways typically include the following activities:

1. Design Phase:

- Develop engineering detailed designs if any for towers tailored to the specific requirements of Indian Railways and LTE technology standards.*
- Ensure designs comply with relevant regulations, including those set forth by the Government of India and Ministry of Railways.*

2. Fabrication Phase:

- Procure materials of high quality and durability suitable for railway environments.*
- Fabricate tower components in accordance with approved designs, adhering to strict quality control measures.*

3. Installation Phase:

- Prepare sites for tower installation, considering railway safety protocols and operational requirements.*
- Install towers along railway tracks, employing specialized equipment and skilled labor to ensure structural integrity and stability.*
- Install Radio antennas and associated equipment's over the tower and need running of cables till the base station.*

4. Safety and Compliance:

- Implement stringent safety measures to safeguard workers, passengers, and railway operations during installation activities.*

- *Ensure compliance with safety regulations and standards applicable to railway infrastructure and construction work.*
5. *Project Management:*
- *Appoint a dedicated project manager to oversee all aspects of the project, including scheduling, budgeting, and resource allocation and safety.*
 - *Maintain close coordination with relevant stakeholders within Indian Railways.*
6. *Environmental Considerations:*
- *Implement environmental best practices to minimize the impact of construction activities on surrounding ecosystems and wildlife habitats.*
 - *Obtain necessary permits and approvals from environmental authorities for construction work near sensitive areas.*
7. *Quality Assurance/Quality Control (QA/QC):*
- *Establish QA/QC procedures to monitor the quality of workmanship and materials throughout the project life-cycle.*
 - *Conduct regular inspections and audits to ensure compliance with design specifications and industry standards.*
 - *The Agency should have all testing equipment at their manufacturing site to facilitate testing by the third party agency nominated by Railway or Railway may conduct the test by itself. The test lab should equip with minimum testing facilities like Universal Testing Machine(UTM), Spectro analysis and Chemical lab etc.*
 - *The Agency should have a facility for assembling the prototype at their manufacturing unit to facilitate testing by the third party agency nominated by Railway or Railway may conduct the test by itself.*
 - *The agency should have facility of precise Galvanisation to protect tower against corrosion. like Hot Dip Galvanizing Process is the well known process of galvanisation wherein zinc is coated on iron and steel surface by dipping individual antenna parts in the tub of molten zinc.*

8. *Post-Installation Support:*

- *Provide ongoing support and maintenance services to ensure the continued performance and reliability of LTE/KAVACH infrastructure along railway tracks.*
- *Establish a mechanism for addressing any issues or concerns that may arise post-installation, including troubleshooting and emergency response.*

It's important to note that the exact steps and procedures may vary depending on specific project requirements, network technologies, and survey objectives of the Zonal Railways.

SECTION- 5

RESPONSIBILITIES OF AN EMPANELLED FIRM(S)

- *The empanelled firm shall respond to each request for Bid/quotation raised by various entities of Indian Railways, for Tower Design, Fabrication and Installation within stipulated time.*
- *The empanelled firms shall provide training to the client personnel during the transition phase of the project (if required by Railway's entity on payment basis).*
- *The empanelled firms shall abide by all terms and conditions for the complete period of empanelment.*
- *The empanelled firm, when participating in a Bidding process in various zones of Railways, shall be responsible for any inaccurate or incorrect information furnished as part of the bid submission. Further, the empanelled firm shall solely bear the consequences of the same.*
- *This empanelment shall be valid for Indian Railways.*
- *Empanelled firm must ensure fulfillment of regulatory compliances and licenses for the services being offered for. In this regard Empanelled Firm shall indemnify CoE/IRISET against any non-compliance and submit a declaration as per Annexure 1 on the company letter head duly signed by authorized signatory.*

SECTION- 6

PERIOD OF EMPANELMENT

- *The validity period of empanelment will be **3 years** from the date the Empanelment Letter is issued to the firm(s).*
- *The period of empanelment may be extended Year on Year basis as mutually agreed between CoE and the empanelled firm(s). CoE will review the performances of the Empanelled firms.*
- *Empanelled firms should follow high Quality standards in their services. However, CoE/IRISET reserves the right to terminate empanelment of any vendor at any time in case the services are not up to the mark.*

SECTION- 7
CONTACT DETAILS

All correspondence and clarifications shall be made to the following nominated person(s):

OSD/CoE

*Indian Railways Institute of Signal Engineering and Telecommunications
(IRISET),*

Tarnaka Road, Secunderabad - 500 017

Phone: +91-40-27785714

Shri Saurabh Verma, ED(TD)/COE

Email: saurabh.verma81@gov.in

Shri M. Muni Kumar, Dir(S&T)/COE

Email: directorsntcoekavach@iriset.railnet.gov.in

Section 8

EXPERIENCE CRITERIA (Qualifying criteria)

Agency has to submit the supporting documents to qualify both the following criteria:-

S.No	Description	Remarks
1	<p>The bidder should have successfully completed at least 1 work of Tower Installation related project in the field of LTE / KAVACH Technology or any other S&T works on Indian Railways in India for Govt./PSU/Private firms/ Telecom service providers in the last 3 years (i.e. completion date should be from April 2021 - till opening of bid)</p> <p>Work completion documents comprise the following details:-</p> <ol style="list-style-type: none">1. Name of work with agreement/PO No.2. Completion date/certification of completion3. Certificate from authorized person of user/customer to be submitted.	Submitted / Non Submitted
2	<p>Bidder should have Fabrication facility for the Tower fabrication.</p> <p>Documentary proof for having fabrication facility should be submitted.</p>	Submitted / Non Submitted
3	<p>Bidder should have Design facility for tower design.</p> <p>Documentary proof of design having been cleared by client and put in use, should be submitted.</p>	Submitted / Non Submitted

EVALUATION CRITERIA

S.No	Description	Maximum Marks	Evaluation
1	<p>Total Number of Tower sites successfully completed in the field of LTE / KAVACH Technology or any other S&T works on Indian Railways by the bidder, in India for Govt./PSU/Private firms/ Telecom service providers for the last 3 years(i.e. completion date should be from April 2021 - till opening of this bid)</p> <p>Work completion documents comprise the following details:-</p> <p>1. Name of work with agreement/PO No. 2. Completion date. 3. Number of Tower sites completed successfully 4. Work details should be certified by authorized person of user/customer only</p>		
	1.1 more than or equal to 500	45	Yes/No
	1.2 more than or equal to 250 but less than 500	30	Yes/No
	1.3 more than or equal to 100 but less than 250	15	Yes/No
	1.4 if less than 100	0	Yes/No
2	<p>2.1 The bidder should have positive net-worth for the last 3 financial years. A certificate, in original, from a Chartered Accountant must be submitted, along with audited Annual balance sheets of the last three financial years i.e. 2020-21, 2021-22, 2022-23. Unaudited balance sheets will not be accepted.</p>	10	Yes/No
	<p>2.2 If, the bidder has positive net-worth for the last one financial year only. A certificate, in original, from a Chartered Accountant must be submitted along with audited Annual balance sheets of the last financial year (2022-23). Unaudited balance sheets will not be accepted.</p>	5	Yes/No
	2.3 if net-worth is negative for last one year	0	Yes/No

	<i>The bidder should submit a certificate, in original issued by a Chartered Accountant, for average annual turnover of the last 3 years (i.e. 2020-21, 2021-22, 2022-23), along with annual balance sheets to be submitted. The average of these 3 years will be considered.</i>		
3	<i>3.1 If, The average annual turnover of the firm is more than or equal to 500 cr</i>	15	Yes/No
	<i>3.2 If, The average annual turnover of the firm more than or equal to 200 cr but less than 500 cr</i>	10	Yes/No
	<i>3.3 if, The average annual turnover of the firm more than or equal to 20 cr but less than 200 cr</i>	5	Yes/No
	<i>3.4 if turnover is less than 20 cr</i>	0	Yes/No
4	<i>Experience of the TEAM LEADER of the team in Tower Design/ Fabrication /Installation in the field of LTE / KAVACH Technology only in terms of year, working with the firm. A CV mentioning the Role in the firm, and total experience.</i>	15	Percentile. (Base reference=15 years) (Max Marks for 15 years or more of experience)
5	<i>Key personnel on roll, in Bidder Organization -No. of key experts for Tower Design, Fabrication and Installation, testing and commissioning. key personnel with a minimum of 5 years of experience in the Tower Design, Fabrication and Installation and more than 1 year of employment in the organization are eligible (as per table).</i>	15	Percentile* (Base reference=50) (Max Marks for key Manpower ≥ 50)
	Total Marks	100	

* Example for item No. 5 (In case more than one firm has responded):-

i. Considering two firms have responded, one having 24 Number of eligible Key personnel & other having 32 Number of eligible Key personnel. Base reference for this credential is 15. The Marks allotted to second company will be = 15 and to first company will be = $(24/32) \times 15 = 11.25$

ii. Considering firms have responded for more than 45 key personnel, then max marks i.e. 15 shall be allotted to them

iii. Considering three firms have responded, having 38, 20 & 16 numbers of eligible Key personnel. Base reference for this credential is 15. The Marks allotted to first company will be = 15 and to second company will be = $(20/38) \times 15 = 7.89$ and to third company will be = $(16/38) \times 15 = 6.31$

The respondents who are considered eligible in Evaluation Criteria will be shortlisted as empanelment firms for Tower Design, Fabrication and Installation for Railways.

Section 9
SHORTLISTING CRITERIA

1. When deemed necessary, CoE/IRISET may seek clarifications on any aspect of their bid from the bidder. However, that would not entitle the bidder to change or cause any change in the substance of the EOI submitted or price quoted. This would also not mean that their bid has been accepted.
2. CoE/IRISET may waive any minor informality or non-conformity or irregularity in any bid, provided such waiver does not prejudice or affect the relative ranking of any other bidder.
3. Any effort by a bidder to influence CoE's bid evaluation, bid comparison or contract award decisions may result in the rejection of the bidder's bid and forfeiture of the bidder's EMD if any.
4. CoE/IRISET reserves the right to accept any bid, and to cancel/abort the EOI process and reject all bids at any time prior to empanelment, without thereby incurring any liability to the affected bidders or bidders and of any obligation to inform the affected bidders of the grounds for COE/IRISET' sanction and without assigning any reasons.
5. Conditions mentioned in the EOI will not be binding on COE/IRISET.
6. Experience criteria shall be qualifying criteria, to assess the technical capacity of the Agency.
7. The only agencies who qualify the experience criteria(Qualifying criteria) shall be further evaluated as per Evaluation criteria mentioned in section 8 and final marks will be allotted accordingly.
8. In case the supporting documents are not submitted by the bidder, then the marks shall not be allotted for the concerned item of evaluation criteria.
9. Firms with 50 marks or more shall be empanelled.

Section– 10

DOCUMENTS TO BE SUBMITTED BY FIRMS (check list)

To participate in the empanelment process, interested agencies are requested to submit their EOI, along with the following supporting documents:-

S. NO	Description	Submitted	Remarks (to be written by Agency)
1	<i>Legal Status of the company (Sole Proprietor, Partnership, Consortium, Joint Venture, PVT LTD)</i>		
	<i>1.1. If the firm is Sole Proprietor, then</i>		
	<i>1.1.1 Any document /legal certificate of Sole Proprietorship/ License.</i>	Yes/No	
	<i>1.2 If the firm is Partnership firm, then</i>		
	<i>1.2.1. Partnership deed</i>	Yes/No	
	<i>1.2.2. Certificate of Registration</i>	Yes/No	
	<i>1.2.3. Power of attorney for authorized signatory</i>	Yes/No	
	<i>1.3 If the firm is Joint Venture/Consortium, then</i>	Yes/No	
	<i>1.3.1. Memorandum of Understanding (MoU) or Letter of Intent (Lol)</i>	Yes/No	
	<i>1.3.2. Joint Venture Agreement (JVA) or Consortium Agreement</i>	Yes/No	
	<i>1.3.3. Power of attorney for authorized signatory</i>	Yes/No	
	<i>1.3.4 Other relevent document mentioned in Section - 11</i>	Yes/No	
	<i>1.4. If the firm is Private Limited Company</i>	Yes/No	
<i>1.4.1. Memorandum of Association (MOA)</i>	Yes/No		

S. NO	Description	Submitted	Remarks (to be written by Agency)
	1.4.2. Board Resolution	Yes/No	
	1.4.3. AOA(Article of Association)	Yes/No	
	1.4.4. Power of attorney for authorized signatory	Yes/No	
2	<p><i>Certificate of Net Worth and average Annual Turnover, in original, from a Chartered Accountant must be submitted, along with Audited Annual balance sheets of the concerned financial years i.e. 2020-21, 2021-22, 2022-23. Unaudited balance sheet will not be acceptable.</i></p> <p><i>(As per GCC:- The average annual contractual turnover shall be calculated as an average of “total contractual payments” in the previous three financial years, as per the audited balance sheet.</i></p> <p><i>However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover.)</i></p>	Yes/No	
3	<p><i>Work completion documents of relevant experience, highlighting previous Tower Design, Fabrication and Installation projects completed as required in Experience criteria, containing the following details.</i></p>	Yes/No	
	3.1. Details of work with agreement number	Yes/No	
	3.2. Completion date	Yes/No	
	3.3. Value of the work done	Yes/No	

S. NO	Description	Submitted	Remarks (to be written by Agency)
	3.4. Certified by authorized person of user / customer only	Yes/No	
4	The Curriculum Vitae (CV) of Team leader as required in technical eligibility. Experience of the TEAM LEADER of the team in Tower Design, Fabrication and Installation only. CV includes mentioning the role in the firm, and total experience in the Tower Design, Fabrication and Installation field.	Yes/No	
5*	Technical expertise and key personnel on roll, with a minimum of 5 years of experience in the Tower Design, Fabrication and Installation field and more than 1 year of employment in the Bidder organization. (* Details as per the below table, signed by the authorized personnel of the firm)	Yes/No	
6	Documentary proof for having fabrication facility, should be submitted.	Yes/No	
7	Documentary proof of design having been cleared by client and put in use, should be submitted	Yes/No	
8	Registered office, Head office and local office addresses including Telephone nos. / Fax nos with Contact details etc.	Yes/No	

* Use the below table for mentioning the Technical expertise and Key personnel on role details, for S. No.- 5

***Name of the Bidder:**

S.no	Name	Qualification	Role in the Firm	Total Experience	Total Experience with in the Firm	Employee code	Date of Joining	Remarks
1								
2								
3								
4								

5								
6								

Signature of Authorized Signatory (with official stamp)

Name of Authorized Signatory:

Designation of Authorised Signatory:

Section 11
Instructions for Joint Ventures (JV)/Consortium

This para shall be applicable for works Bids wherein Bid documents provide for the same.

11.1 Separate identity/name shall be given to the Joint Venture.

11.2 Number of members in a JV shall not be more than five. One of the members of the JV shall be its Lead Member, who shall have a majority (at least 51%) share of interest in the JV. The other members shall have a share of not less than 20% each in case of JV upto 3 members and not less than 10% each in case of JV with more than three members. In case of JV with foreign member(s), the Lead Member has to be an Indian firm/company with a minimum share of 51%.

11.3 A member of JV shall not be permitted to participate either in individual capacity or as a member of another JV in the same Bid.

11.4 The Bid shall be submitted only in the name of the JV and not in the name of any constituent member.

11.5 A copy of Memorandum of Understanding (MoU) duly executed by the JV members on a stamp paper, shall be submitted by the JV alongwith the Bid. The complete details of the members of the JV, their share and responsibility in the JV etc. particularly with reference to financial, technical and other obligations shall be furnished in the MoU.

11.6 Once the Bid is submitted, the MoU shall not normally be modified / altered / terminated during the validity of the Bid. In case the Bidder fails to observe/comply with this stipulation, its Bid shall be liable to be rejected.

11.7 Approval for change of constitution of JV shall be at the sole discretion of the Railway. The constitution of the JV shall not normally be allowed to be modified after submission of the bid by the JV, except when modification becomes inevitable due to succession laws etc., provided further that there is no change in qualification of minimum eligibility criteria by JV after change of composition. However, the Lead Member shall continue to be the Lead Member of the JV. Failure to observe this requirement would render the offer invalid.

11.8 Similarly, after the empanelment is done, the constitution of JV shall not be normally allowed to be altered during the period of empanelment except when modification become inevitable due to succession laws etc. and eligibility criteria should not get vitiated.

11.9 On issue of empanelment order, the JV entity to whom the work has been awarded, with the same shareholding pattern as was declared in the MOU/JV Agreement submitted along-with the Bid, shall be got registered before the Registrar of the Companies under 'The Companies Act -2013' (in case JV entity is to be registered as Company) or before the Registrar/Sub-Registrar under the 'The Indian Partnership Act, 1932' (in case JV entity is to be registered as Partnership Firm) or under 'The LLP Act 2008' (in case JV entity is to be registered as LLP). A separate PAN shall be obtained for this entity.

The entity so registered, in the registered documents, shall have, inter-alia, following Clauses:

11.9.1 Joint and Several Liability - Members of the entity to which the empanelment is been done, shall be jointly and severally liable to the Railway during empanelment period in accordance with General and Special Conditions of Contract awarded by Zonal railways. The members of the entity shall also be liable jointly and severally for the loss, damages caused to the Indian Railways during the course of execution of the contract or due to non-execution of the contract or part thereof.

11.9.2 Duration of the Registered Entity - It shall be valid during the entire currency of the empanelment including the period of extension, if any and the maintenance period after the work is completed.

11.9.3 Governing Laws - The Registered Entity shall in all respect be governed by and interpreted in accordance with Indian Laws.

11.10 Authorized Member - Joint Venture members in the JV MoU shall authorize Lead member on behalf of the Joint Venture to deal with the Bid, sign the agreement or enter into contract , to receive payment, to witness joint measurement of work done, to sign measurement books and similar such action in respect of contract awarded by Zonal railways. All notices/correspondences with respect to the contract would be sent only to this authorized member of the JV.

11.11 No member of the Joint Venture shall have the right to assign or transfer the interest right or liability in the contract without the written consent of the other members and that of the Indian Railway in respect of the said Bid/contract.

11.12 Documents to be enclosed by the JV alongwith the Bid:

11.12.1 In case one or more of the members of the JV is/are partnership firm(s), following documents shall be submitted:

- (i) A notarized copy of the Partnership Deed or a copy of the Partnership deed registered with the Registrar.
- (ii) A copy of consent of all the partners or individual authorized by partnership firm, to enter into the Joint Venture Agreement on a stamp

- paper,
- (iii) A notarized or registered copy of Power of Attorney in favour of the individual to sign the MOU/JV Agreement on behalf of the partnership firm and create liability against the firm.
 - (iv) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Indian Railways or any other Ministry / Department of the Govt. of India from participation in Bids / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP in which they were / are partners/members.

11.12.2 In case one or more members is/are Proprietary Firm or HUF, the following documents shall be enclosed:

- (i) A copy of notarized affidavit on Stamp Paper declaring that his Concern is a proprietary Concern and he is sole proprietor of the Concern OR he who is signing the affidavit on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF.

11.12.3 In case one or more members of the JV is/are companies, the following documents shall be submitted:

- (i) A copy of resolutions of the Directors of the Company, permitting the company to enter into a JV agreement,
- (ii) The copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company
- (iii) A copy of Certificate of Incorporation
- (iv) A copy of Authorization/copy of Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual, to sign the Bid, sign MOU/JV Agreement on behalf of the company and create liability against the company

11.12.4 In case one or more members of the JV is/are LLP firm/s(Limited Liability Partnership), the following documents shall be submitted:

- (i) A copy of LLP Agreement
- (ii) A copy of Certificate of Incorporation of LLP
- (iii) A copy of resolution passed by partners of LLP firm, permitting the Firm to enter into a JV agreement
- (iv) A copy of Authorization /copy of Power of Attorney issued by the LLP firm (backed by resolution passed by the Partners) in favour of the individual, to sign the Bid and/or sign the MOU/ JV agreement on behalf of the LLP and create liability against the LLP.
- (v) An undertaking by all partners of the LLP that they are not blacklisted or debarred by Indian Railways or any other Ministry / Department of the Govt. of India from participation in Bids / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were / are partners/members.

11.12.5 In case one or more members of the JV is/are Society/s or Trust/s, the following documents shall be submitted:

- (i) A copy of Certificate of Registration
- (ii) A copy of Memorandum of Association of Society/Trust Deed
- (iii) A copy of Rules & Regulations of the Society
- (iv) A copy of Power of Attorney, in favour of the individual to sign the Bid documents and create liability against the Society/Trust.

11.13 Credentials & Qualifying Criteria: Technical, financial eligibility and Bid capacity of the JV shall be adjudged based on satisfactory fulfillment of the following criteria:

Experience criteria

Each Experience Criteria for the Bid, shall be satisfied by either the 'JV in its own name & style' or 'any member of the JV'.

JVs which qualify all the items of Experience criteria shall be evaluated in Evaluation Criteria.

Evaluation Criteria

Each Evaluation Criteria for the Bid, shall be satisfied by either the 'JV in its own name & style' or 'all members of the JV'.

The marks shall be allotted to JV in proportionate to the share of each member experience credentials for each item.

The proportionate financial/ number of manpower in key personnel shall be taken for each item of Evaluation Criteria as per the share of the members in the JV.

The marks shall be allotted to JV in Net worth and experience of Team leader on the credentials of Lead member only.

Note: Contractual payment / Turnover / Quantum of work received by a Member in an earlier JV shall be reckoned only to the extent of the concerned member's share in that JV for the purpose of allotment of marks of the above mentioned eligibility criteria in the Bid under consideration.

Example:- *Considering one JV has responded with following firms with their credentials as below*

Firms	Share in JV	No. Of. Tower Sites Completed	Turnover	No. Of. Key Personnel on Roll
A	51%	100	20 cr	100
B	29%	200	30 cr	40
C	20%	300	50 cr	55

i. Marks shall be allotted to the JV for 169 towers ($0.51*100+0.29*200+0.20*300 = 169$) duly considering proportionate share of their work done.

ii. Marks shall be allotted to the JV for Turnover of 28.9 cr ($0.51*20+0.29*30+0.20*50 = 28.9$) duly considering their proportionate share of Turnover.

iii. Marks shall be allotted to the JV for 73.60 No. Of. Key Personnel on Roll ($0.51*100+0.29*40+0.20*55 = 73.60$) duly considering their proportionate share of Key Personnel.

Annexure 1
Format for Covering Letter
(On the Company's Letterhead)

To,

Officer on Special Duty (OSD)/Center of Excellence (CoE)

Indian Railway Institute of Signal Engineering and Telecommunications

Tarnaka Road, Secunderabad-500017

Phone: +91-40-27820315

Email : osd-coe@iriset.railnet.gov.in

Subject: Submission of Response to Eol for “Empanelment of Agencies for Tower Design, Fabrication and Installation in the field of LTE Technology or Kavach Technology or any other S&T works on Indian Railways with related Tools and Infrastructure.”

1. I/We _____ (*Name and designation*) undertake that I/We have full authority to submit this response to Eol, on behalf of _____ (name of the firm) and I/We have reviewed and fully understood the shortlisting/eligibility criteria and information provided, the undersigned hereby submits response to Eol, for your evaluation.
2. I/We understand that you are not bound to accept the response to Eol and the submission of response does not guarantee association in subject empanelment.
3. Our Participation in this Eol doesn't guarantee any qualification to future Bid of *Tower Design, Fabrication and Installation*.
4. CoE/IRISET is free to initiate different modes/methods for appointment of activities / services / including, but not limited to, those not covered in the scope of this Eol.
5. I/We agree and understand that this Eol is non-binding and non-committal.
6. Further, I/we confirm that neither CoE/IRISET nor any of its employees, associates, affiliates or its agents shall be liable to me/us for any liability arising directly or indirectly from our participation in the Eol Process.
7. I/We further agree, understand and fully comprehend that CoE/IRISET may in its absolute and exclusive discretion at any time; change, alter, replace, remove and/or

cancel any or all part of the Eol Document. CoE/IRISET may also abandon, call-off, alter, replace and revise the subject empanelment procedure.

8. I/We confirm that the details furnished in this Eol response or any part thereof, including the appendices, and other documents and instruments delivered or to be delivered to CoE/IRISET, are true, accurate, verifiable and complete to the best of my knowledge and belief. These submissions include all information necessary to ensure that the statements therein do not in whole or in part mislead CoE/IRISET in its Eol Process.
9. I/We fully understand and agree to comply with that on verification, if any of the information provided here is found to be false or misleading or misrepresenting, I/we are liable to be disqualified from the Eol Process and any other action as deemed fit.
10. If any of the information provided here is found to be false or misleading or misrepresenting, which has not been noticed in the process of empanelment and discovered after empanelment then I/we are liable to be disqualified from the Empanelment list and any other action as deemed fit.
11. I/We agree for unconditional acceptance of all the terms and conditions set out in the Eol Document and also agree to abide by this Eol for a period of 120 days from the date of submission.

Signature of Authorized Signatory (with official stamp)

Name of Authorized Signatory:

Designation of Authorised Signatory:

Address of the Respondent:

Telephone & Fax of the Respondent:

E-mail address of the Respondent:

Annexure 2

Format for Declaration:

[To be printed on the applicant company's / Lead Member's letterhead and signed by its Authorized Signatory]

dd/mm/yyyy

To,

**Officer on Special Duty (OSD)
Center of Excellence
Indian Railway Institute of Signal Engineering and Telecommunications
Tarnaka Road, Secunderabad-500017.**

Subject: Submission of Eol for “Empanelment of Agencies for Tower Design, Fabrication and Installation in the field of LTE Technology or Kavach Technology or any other S&T works on Indian Railways with related Tools and Infrastructure.”

1. In response to the above Eol notification for subject work, as an owner/ partner/ Director of _____(name of the firm), I/ We hereby declare that presently our firm is having unblemished record and is not declared ineligible for corrupt and fraudulent practices either indefinitely or for a particular period of time by the Government of India and/or any State Government in the last 3(three) financial years (2020-21, 2021-22, 2022-23).
2. I/We further declare that presently our agency is not blacklisted and not declared ineligible for reasons other than corrupt and fraudulent practices by any State/ Central Government/ PSU on the date of submission of response.
3. If this declaration is found to be incorrect then without prejudice to any other action my/our response may be rejected and CoE/IRISET may take any other action that may deem fit to it.

Yours sincerely,

Signature of Authorized Signatory (with official stamp)

Name of Authorized Signatory:

Designation of Authorized Signatory:

Address of the Respondent:

Telephone & Fax of the Respondent:

E-mail address of the Respondent:

Annexure 3

FORMAT FOR AFFIDAVIT TO BE SUBMITTED BY RESPONDENT

(To be executed in presence of Public notary on non-judicial stamp paper of the value of Rs. 100/- .The stamp paper has to be in the name of the Respondent)**

To

Officer on Special Duty (OSD)

Center of Excellence (CoE)

Indian Railway Institute of Signal Engineering and Telecommunications

Tarnaka Road, Secunderabad-500017

Subject: Submission of Eol for “Empanelment of Agencies for Tower Design, Fabrication and Installation in the field of LTE Technology or Kavach Technology or any other S&T works on Indian Railways with related Tools and Infrastructure”.

I.....(*Name and designation*)** appointed as the attorney/authorized signatory of the participant (including its constituents), M/s_____ (hereinafter called the participant) for the subject empanelment procedure as per the Eol reference No. CoE/IRISET/01/24 of CoE/IRISET, do hereby solemnly affirm and state on the behalf of the participant as under:

1. I/we the participant am/are signing this document after carefully reading the contents.
2. I/We the participant also accept all the conditions of the Eol and have signed all the pages in confirmation thereof.
3. I/we hereby declare that I/we have obtained the Eol documents as mentioned in Letter of Invitation and printed the same. We have verified the content of the printed document from the website and there is no addition, no deletion or no alteration to the content of the Eol document. In case of any discrepancy noticed at any stage, the master copy available with the railway Administration shall be final and binding upon me/us.
4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.

5. I/We also understand that my/our response will be evaluated based on the documents/credentials submitted along with the response and the same shall be binding upon me/us.
6. I/We declare that the information and documents submitted along with the response by me/us are correct and I/we are fully responsible for the correctness of the information and documents submitted by us.
7. I/we certify that I/we the participant(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in Bid on the date of submission of response, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8. I/we understand that if the contents of the certificate submitted by us are found to be forged/false or incorrect at any time during the process for evaluation of response, CoE/IRISET may take action as deemed fit. Further, I/we (*insert name of the participant*)** _____ and all my/our constituents understand that my/our response shall be summarily rejected.
9. I/we also understand that if the contents of the certificate submitted by us are found to be false/forged or incorrect at any time, it will lead to termination of the association with CoE/IRISET besides any punitive action as deemed fit by CoE/IRISET.
10. I/We have read the clause regarding restriction on procurement/hiring from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfill all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed).

DEPONENT

SEAL AND SIGNATURE OF THE PARTICIPANT

VERIFICATION

I/We above named respondent do hereby solemnly affirm and verify that the contents of my/our above affidavit are true and correct. Nothing has been concealed and no part of it is false.

DEPONENT

SEAL AND SIGNATURE OF THE PARTICIPANT

Place:

Dated:

****The contents in Italics are only for guidance purpose. Details as appropriate are to be filled in suitably by the respondent. This affidavit should be attested before Magistrate/Notary Public. This affidavit is to be given by each member of JV.**

********End of the Document********