

REQUEST FOR QUOTE/PROPOSAL (RFQ/RFP)

Commodity/Service Required:	Optimum utilisation of Indian Railways (IR) Rooftop Solar (RTS) assets by integrating this with Auxiliary transformer of traction supply		
Type of Procurement:	Subcontract		
Type of Contract:	Firm Fixed Price		
Term of Contract:	15 months from the date of award		
Contract Funding:	United States Agency for International Development (USAID)		
Estimated Price Range	\$10,000 to \$12,000, exclusive of local GST		
This Procurement supports:	South Asia Regional Energy Partnership (SAREP)		
Submit Proposal to:	SAREP-Procurement@rti.org		
Date of Issue of RFP:	August 30, 2024		
Date Questions from Supplier Due:	September 6, 2024		
Date Proposal Due:	September 17, 2024		
Approximate Date Purchase Order Issued to Successful Bidder(s):	September 30, 2024		

Method of Submittal:				
Respond via e-mail with attached document in MS Word / pdf format.				
The Bidder/Seller agrees to hold the prices in its offer firm for 90 days from the date specified for the receipt of offers, unless another time is specified in the addendum of the RFP/RFQ.				
Solicitation Number:	SAREP RFQ-2024-005			

Eligibility Criteria:

Since this is a USAID funded project, therefore as per USAID ADS 310, only firms that belong
to Geographic Code 937 country can receive a USAID funded subcontract from RTI.
Geographic code 937 is defined as - the United States, the cooperating country/recipient
country (India in this case), and developing countries other than advanced developing countries,
and excluding prohibited sources. For more information on this, please refer to

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Attachment A

RFQ for IR RTS Integration with AT, August 2024



- https://www.usaid.gov/sites/default/files/2022-12/310.pdf . The list of developing nations is provided at https://www.usaid.gov/sites/default/files/2022-05/310maa.pdf . Please note that the Geographic Code 937 restriction flows down to lower tier subcontractors as well.
- 2. Government entities/undertakings/PSUs and quasi-Government/para-statal entities are not eligible to participate in the bidding and receive a USAID funded sub-contract or a lower tier subcontract.

Attachments to RFQ:

- 1. Attachment "A" Commodity Specifications
- 2. Attachment "B" Instructions to Bidders/Sellers
- 3. All PO Terms and Conditions are listed on our website at: https://www.rti.org/sites/default/files/rti-purchase-order-terms-and-conditions-v1.16.pdf, http://www.rti.org/files/PO_FAR_Clauses.pdf or for commercial items: http://www.rti.org/files/PO_FAR_Clauses_Commercial_Items.pdf (hereinafter the "Terms").
 <a href="http://www.rti.org

All bidders/sellers are responsible to carefully review each attachment and follow any instructions that may be relevant to this procurement.

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ATTACHMENT A COMMODITY SPECIFICATIONS OR STATEMENT OF WORK STATEMENT OF WORK

Description of Activity/Service:

INTRODUCTION

RTI International is an independent, nonprofit research institute dedicated to improving the human condition. Clients rely on us to answer questions that demand an objective and multidisciplinary approach—one that integrates expertise across the social and laboratory sciences, engineering, and international development. We believe in the promise of science, and we are inspired every day to deliver on that promise for the good of people, communities, and businesses around the world.

RTI International has been working in Asia for more than 35 years, providing technical assistance, institutional strengthening, and program support on behalf of governments, foundations, and private-sector clients. Together with our local partners, we deliver science- based solutions and advisory and technical services to help countries across South and Southeast Asia achieve national, regional, and local goals—in health, education, economic growth, governance and public policy, and environmental management. RTI is implementing 19 projects in the Asia region with its offices located in India, Indonesia, Thailand, Cambodia, Philippines, Laos, Nepal, and Papua New Guinea.

RTI International is the implementing contractor for a five (5) year USAID project called the USAID South Asia Regional Energy Partnership (SAREP). SAREP will serve as a linchpin of the Asia Enhancing Development and Growth through Energy (EDGE) initiative. To achieve USAID's goal of improving access to affordable, secure, reliable and sustainable energy, SAREP will address two distinct, yet mutually dependent objectives: a. Enabling six countries – Bangladesh, Bhutan, India, Maldives, Nepal and Sri Lanka—to build systems and processes in line with their respective economic and energy security priorities, and b. Facilitating collaboration among these six countries in a regional energy market that will accelerate economic development, self- reliance, livelihoods, health, and productivity throughout the region.

SAREP's objectives are as follows:

- Workstream I: Regional Energy Hub
- Workstream 2: Technical Services
 - Objective I: Enhanced regional energy markets and integration
 - Objective 2: Increased development of advanced energy
 - Objective 3: High-performing modern utilities.
 - Objective 4: Transparent, best-value procurement and Private Sector Investment

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OBJECTIVES

Indian Railways (IR) has deployed grid connected rooftop solar PV at large numbers of its buildings including stations, and maintenance workshops. During grid outages in the day time no solar power is generated from the grid connected rooftop solar plant thereby resulting in loss of potential generation from the plant during those periods. This problem is particularly acute in remote areas where large numbers of IR's rooftop solar PV systems are deployed and the grid outages are more in both frequency and duration.

This assignment aims at developing and demonstrating at a site a solution (using predominantly commercially available components) that will result in injection of any excess solar power generated by the grid connected rooftop solar PV plant under normal (less load and more solar generation) and grid outage conditions in Indian Railways' 25 kV single-phase AC traction power system.

The broader outcomes envisaged through this assignment include:

- I. Optimum utilisation of energy generated from IR Rooftop Solar (RTS) plant by feeding power generated by RTS plant to IR's 25-KV AC traction system in two scenarios:
 - Feeding excess power during grid availability when demand is less than the solar generation
 - Feeding the entire solar generation during grid outage to the traction system
- **2.** Explore the possibility of scaling the solution for large load centres where IR procures power from Discoms and Net metering is not granted.

SCOPE OF WORK

The shortlisted bidder will carry out Engineering, procurement, construction and maintenance (for 12 months post commissioning of the solution) of innovative solution enabling optimum utilisation of energy generated from the installed RTS plants. The identified site (exact location of the site will be shared at the time of issuing the purchase order) has a 10 kW grid connected solar PV plant deployed. There is a 10 kVA, 25 kV-220 V single phase autotransformer at site interconnecting the traction system and station load.

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The scope includes implementation of the following activities to achieve the desired outcomes:

Phase I:Project Design

- Carry out site visit of the identified location (Tapa Railway Station) under Ambala division, Northen Railways to understand the schematics and operations of currently installed grid connected rooftop solar plant.
- The schematic of the potential solution is presented in Annexure A of this document. However, based on the site parameters the bidder should design a solution including single line diagram to achieve the objective of the work as highlighted above. The design will be discussed and finalized in consultation with SAREP and Indian Railways.
- The bidder to also propose the detailed component wise bill of quantities (BOQ) along with the design which will then be approved jointly by SAREP and Indian Railways before deployment.
- The bidder may propose changes to the existing plant within reasonable deviation, if and as required to achieve the objective of this work. These changes will then be discussed and finalized jointly by SAREP and Indian Railways before deployment.
- The bidder should prepare and submit a detailed project report including the above aspects.

Phase 2: Commissioning

- Based on the approved design and BOQ, the bidder to obtain the required components and install the pilot solution at the site. The design of the solar plant should include Single Line Diagram, sizing and technical specifications of the proposed solution, cable routing plan, component placement plan and re-arrangement of module interconnection (if required)
- Testing and pre-commissioning of the pilot project should be carried out by the bidder post installation to ensure project outcomes are being achieved.
- The plant should be commissioned in the presence of experts from SAREP and IR, post inspection by them. The commissioning test should be able to demonstrate the following:
 - Feeding excess power from the solar plant to IR's traction system during grid availability when demand is less than the solar generation
 - Feeding the entire solar generation during grid outage (Discom supply) to the traction system
- It is the responsibility of the bidder to ensure that the deployed system does not overload the autotransformer beyond its capacity.
- It is the responsibility of the bidder to ensure the Safety of existing solar plant, personnel deployed on site, officials of Indian Railways and associated equipment (electrical and any other) during deployment of the project.
- The bidder to provide the necessary fire safety kit at site.

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Phase 3: Maintenance and performance monitoring post commissioning

- One year maintenance and performance monitoring of the plant post commissioning to be
 provided by the bidder. The maintenance should include both preventive (Regular
 maintenance of the plant including cleaning of modules and/or other system checks to
 maintain optimum performance of the plant) and reactive (to be carried out in case of any
 fault or under performance of the plant or any complaint/s from IR). Detailed scope of work
 along with timelines (including maintenance schedule) covered under the maintenance and
 performance monitoring to be shared by the bidder as part of proposal.
- The solution should have real time remote monitoring unit (RMU) with a feature to monitor the entire plant (including generation of existing RTS plant and the added solution). The RMU should be part of the BOQ. This feature should be made available to SAREP and IR as well for monitoring of system's performance.

DELIVERABLES

- 1. Detailed project report including design along with SLD and BOQ for the proposed solution
- 2. Installation and commissioning report
- **3.** Monthly performance reports and one annual maintenance and performance report at the end of monitoring period

Notes

- The product developed should use commercially available components to the extent possible. Part of the solution that is customized should be clearly identified and highlighted (both hardware and/or software) along with its cost.
- 2. The manufacturer warranty for all components (hardware and software) used should be passed on to IR. The relevant product warranty certificates should be provided to IR.
- 3. The project will require frequent meetings with Railway officials (including at identified site). Subcontractor should be proactive participate in providing responses, sincere and productively participate and present in all such meetings.
- **4.** Subcontractor shall be responsible for inclusion of all the comments, suggestions from USAID and its implementing partner RTI International on deliverables.
- **5.** All documents (presentations, report, brochure, training materials, handouts, etc) to follow USAID M&B guidelines, edited (content of the text checked to ensure that ideas are clearly and

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- logically expressed), and proofread (content of the text checked over finer detail after the editing stage, to detect errors in spelling, punctuation, grammar and format) before submissions.
- 6. The documentation produced should achieve an international standard of professionalism and on part with similar publications of USAID available in public domain.
- 7. Subcontractor shall be solely responsible for its acts and deeds during execution of this assignment and shall be solely responsible for any claims due to any damage to sites, arising out of inspection or entire scope of work of this assignment.
- 8. Since the overall SAREP Program is being executed by RTI International, it is imperative that the Consultant keeps the SAREP Leadership team fully informed. Further, any decisions that may have an impact on the deliverables, timelines and nature of activities being delivered under this contract need to be taken in consultation with the SAREP Leadership team. All deliverables shall be submitted to the SAREP team for review and feedback. Comments received shall be incorporated and thereafter finalized. All submissions to USAID shall be made by the SAREP team. Depending on the nature of deliverable, the Consultant may however submit documents to Indian Railways, after review and feedback from the SAREP team has been incorporated. In all cases, the Consultant shall keep the SAREP Leadership informed of any submissions being made to Indian Railways under the program.
- **9.** Detailed project report including design along with SLD and BOQ for the proposed solution
- 10. Installation and commissioning report
- II. Monthly performance reports and one annual maintenance and performance report at the end of monitoring period

Notes

- 12. The product developed should use commercially available components to the extent possible. Part of the solution that is customized should be clearly identified and highlighted (both hardware and/or software) along with its cost.
- 13. The manufacturer warranty for all components (hardware and software) used should be passed on to IR. The relevant product warranty certificates should be provided to IR.
- 14. The project will require frequent meetings with Railway officials (including at identified site). Subcontractor should be proactive participate in providing responses, sincere and productively participate and present in all such meetings.

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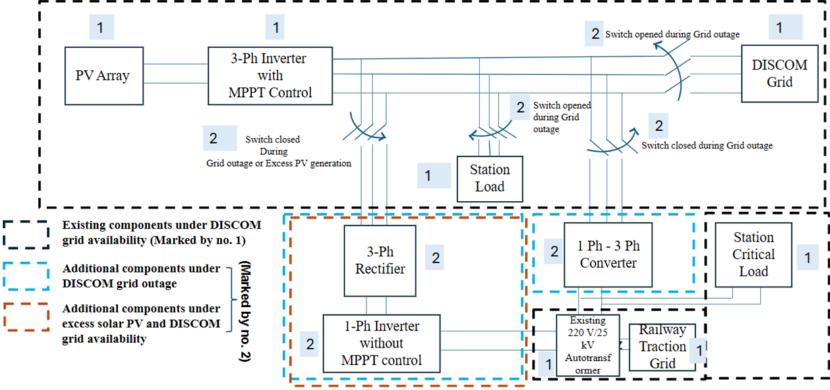


- **15.** Subcontractor shall be responsible for inclusion of all the comments, suggestions from USAID and its implementing partner RTI International on deliverables.
- **16.** All documents (presentations, report, brochure, training materials, handouts, etc) to follow USAID M&B guidelines, edited (content of the text checked to ensure that ideas are clearly and logically expressed), and proofread (content of the text checked over finer detail after the editing stage, to detect errors in spelling, punctuation, grammar and format) before submissions.
- 17. The documentation produced should achieve an international standard of professionalism and on part with similar publications of USAID available in public domain.
- 18. Subcontractor shall be solely responsible for its acts and deeds during execution of this assignment and shall be solely responsible for any claims due to any damage to sites, arising out of inspection or entire scope of work of this assignment.
- 19. Since the overall SAREP Program is being executed by RTI International, it is imperative that the Consultant keeps the SAREP Leadership team fully informed. Further, any decisions that may have an impact on the deliverables, timelines and nature of activities being delivered under this contract need to be taken in consultation with the SAREP Leadership team. All deliverables shall be submitted to the SAREP team for review and feedback. Comments received shall be incorporated and thereafter finalized. All submissions to USAID shall be made by the SAREP team. Depending on the nature of deliverable, the Consultant may however submit documents to Indian Railways, after review and feedback from the SAREP team has been incorporated. In all cases, the Consultant shall keep the SAREP Leadership informed of any submissions being made to Indian Railways under the program.

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Annexure A to Statement of Work: Proposed Schematic for Implementation



Note: Remote Monitoring Unit (RMU) is not part of Annexure A shown here, however it is required by the bidder to install and integrate with the system.

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Operation States in the Schematic

State I - DISCOM grid available and no excess rooftop solar PV generation: PV array generates power that is controlled by the 3-Ph inverter with MPPT control and supplied to the station load. DISCOM grid (Grid in the schematic) provides reference voltage for the operation of the three-phase inverter. Separately, the I-Ph railway traction grid powers the station critical load. All the switches (circuit breakers) should have the status as shown in the schematic.

State 2- DISCOM grid available and excess rooftop solar PV generation: Any excess power generation should be injected into the railway traction grid via the 3-Ph rectifier and I-Ph inverter without MPPT control. Separately, the I-Ph railway traction grid powers the station critical load. The Switch (circuit breaker) connecting the three-phase rectifier to the DISCOM grid should automatically close when there is excess generation or if there is DISCOM grid outage as discussed next.

State 3- DISCOM grid outage: DISCOM grid is automatically isolated from the station load by the switch (circuit breaker) after an outage. Further, the station load is automatically disconnected by a switch (circuit breaker) after the outage to prevent overloading of the rooftop solar PV system. The switch (circuit breaker) between the I-Ph to 3-Ph converter and the 3-Ph inverter with MPPT control is automatically closed. The Switch (circuit breaker) connecting the three-phase rectifier to the DISCOM grid should also automatically close after the outage. Now, the I-Ph to 3-Ph converter provides the three-phase voltage reference to the 3-Ph inverter with MPPT control via the single-phase railway traction grid. Once the DISCOM grid is restored, the Switch (circuit breaker) positions should be restored according to State – I.

Note: DISCOM grid refers to the power supply of the local distribution company that powers most of the normal non-traction load of IR under normal conditions.

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PRICE AND DELIVERY SCHEDULE

ltem	Deliverables	Deliverable	Payment (%	Total Fixed
#		Timeline (TO =	of Contract	Price in INR
		PO award date)	Value)	
I	Detailed project report including design along with SLD and BOQ for the proposed solution	T0 + 0.5 months	30%	
2	Installation and commissioning report	T0 + 2.0 months	60%	
3	Monthly performance reports and one annual maintenance and performance report at the end of monitoring period	T0 + 14.0 months	10%	
	Total Deliverable Price			
	Add: GST			
	Total Price including GST			

Note:

- I. All the deliverables will be acceptable for payment after a small report/presentation is submitted along with approval from IR.
- 2. Datasheets should be provided

By signing this attachment, the bidder confirms he has a complete understanding of the specifications and fully intends to deliver items that comply with the above listed specifications.

Signature:	
Title:	
Date:	

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ATTACHMENT "B" INSTRUCTIONS TO BIDDERS/SELLERS

- I. Procurement Narrative Description: The Buyer (RTI) intends to purchase commodities and/or services identified in Attachment A. The Buyer intends to purchase the quantities (for commodities) and/or services (based on deliverables identified in a Statement of Work). The term of the Ordering Agreement shall be from Award Date to the Delivery date of the Offeror unless extended by mutual agreement of the parties. The Buyer intends to award to a single "approved' supplier based on conformance to the listed specifications, the ability to service this contract, and selling price. We reserve the right to award to more than one bidder. If an Ordering Agreement is established as a result of this RFQ/RFP, supplier understands that quantities indicated in the specifications (Attachment A) are an estimate only and RTI does not guarantee the purchase quantity of any item listed.
- 2. Procuring Activity: This procurement will be made by Research Triangle Institute (RTI International), located at

3040 Cornwallis Road

Research Triangle Park, NC 27709

who has a purchase requirement in support of a project funded by United States Agency for International Development (USAID)

RTI shall award the initial quantities and/or services and any option quantities (if exercised by RTI) to Seller by a properly executed Purchase Order as set forth within the terms of this properly executed agreement.

- 3. Proposal Requirements. All Sellers will submit a quote/proposal which contains offers for all items and options included in this RFQ/RFP. All information presented in the Sellers quote/proposal will be considered during RTI's evaluation. Failure to submit the information required in this RFQ/RFP may result in Seller's offer being deemed non-responsive. Sellers are responsible for submitting offers, and any modifications, revisions, or withdrawals, so as to reach RTI's office designated in the RFQ/RFP by the time and date specified in the RFQ/RFP. Any offer, modification, revision, or withdrawal of an offer received at the RTI office designated in the RFQ/RFP after the exact time specified for receipt of offers is "late" and may not be considered at the discretion of the RTI Procurement Officer. The Seller's proposal shall include the following:
 - I. The solicitation number:
 - 2. The date and time submitted:
 - **3.** The name, address, and telephone number of the seller (bidder) and authorized signature of same:
 - **4.** Validity period of Quote:

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- **5.** A technical description of the items being offered in sufficient detail to evaluate compliance with the requirements in the solicitation. This <u>may</u> include product literature, or other documents, if necessary.
- 6. If RTI informs Seller that the Commodity is intended for export and the Commodity is not classified for export under Export Classification Control Number (ECCN) "EAR99" of the U.S. Department of Commerce Export Administration Regulations (EAR), then Seller must provide RTI the correct ECCN and the name of Seller's representative responsible for Trade Compliance who can confirm the export classification.
- 7. Lead Time Availability of the Commodity/Service.
- 8. Terms of warranty describing what and how the warranties will be serviced.
- **9.** Special pricing instructions: Price and any discount terms or special requirements or terms (special note: pricing must include guaranteed firm fixed prices for items requested.
- 10. Payment address or instructions (if different from mailing address)
- II. Acknowledgment of solicitation amendments (if any)
- 12. Past performance information, when included as an evaluation factor, to include recent and relevant contracts for the same or similar items and other references (including points of contact with telephone numbers, and other relevant information)
- **13. Special Note:** The Seller, by his response to this RFQ/RFP and accompanying signatures, confirms that the terms and conditions associated with this RFQ/RFP document have been agreed to and <u>all</u> of its attachments have been carefully read and understood and all related questions answered.
- **4. Forms:** Sellers (potential bidders or suppliers) must record their pricing utilizing the format found on Attachment "A". Sellers must sign the single hardcopy submitted and send to address listed on the cover page of this RFQ/RFP.
- **5. Questions Concerning the Procurement**. All questions in regards to this RFQ/RFP to be directed to

Sumit Dutta, Senior Procurement Expert

(insert name of procurement officer)

at this email address:

sarep-procurement@rti.org

(insert email address of the procurement officer).

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The cut-off date for questions is (insert date).

September 5, 2024

- deliver the items or services no later than the dates set forth in the contract that will be agreed by both parties as a result of this RFQ/RFP. The Seller shall immediately contact the Buyer's Procurement Officer if the specifications, availability, or the delivery schedule(s) changes. Exceptional delays will result in financial penalties being imposed of Seller.
- 7. **Documentation**: The following documents will be required for payment for each item:
 - I. A detailed invoice listing Purchase Order Number, Bank information with wiring instructions (when applicable)
 - 2. Packing List
 - **3.** All relevant product/service documentation (manuals, warranty doc, certificate of analysis, etc.)
- 8. Payment Terms: Refer to RTI purchase order terms and conditions found in https://www.rti.org/sites/default/files/rti-purchase-order-terms-and-conditions-v1.16.pdf, http://www.rti.org/files/PO_FAR_Clauses.pdf, or http://www.rti.org/files/PO_FAR_Clauses_Commercial_Items.pdf. Payment can be made via wire transfer or other acceptable form. Sellers may propose alternative payment terms and they will be considered in the evaluation process.
- **9.** Alternative Proposals: Sellers are permitted to offer "alternatives" should they not be able to meet the listed requirements. Any alternative proposals shall still satisfy the minimum requirements set forth in Attachment A Specifications.
- **10. Inspection Process**: Each item shall be inspected prior to final acceptance of the item. All significant discrepancies, shortages, and/or faults must be satisfactorily corrected and satisfactorily documented prior to delivery and release of payment.
- II. Evaluation and Award Process: The RTI Procurement Officer will award an agreement contract resulting from this solicitation to the responsible Seller (bidder) whose offer conforms to the RFQ/RFP will be most advantageous to RTI, price and other factors considered. The award will be made to the Seller representing the best value to the project and to RTI. For the purpose of this RFQ/RFP, price, delivery, technical and past performance are of equal importance for the purposes of evaluating, and selecting the "best value" awardee. RTI intends to evaluate offers and award an Agreement without discussions with Sellers. Therefore, the Seller's initial offer should contain the Seller's best terms from a price and technical standpoint. However, RTI reserves the right to conduct discussions if later determined by the RTI Procurement Officer to be necessary.

The evaluation factors will be comprised of the following criteria:

I. PRICE. See below

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- 2. **DELIVERY**. Seller provides the most advantageous delivery schedule.
- **TECHNICAL**. Items/Services shall satisfy or exceed the specifications described in RFO/RFP Attachment A.
- **PAST PERFORMANCE** Seller can demonstrate his/her capability and resources to provide the items/services requested in this solicitation in a timely and responsive manner.
- 5. EVALUATION CRITERIA.
 - a) Technical Proposals Scoring:
 - A. Approach and Methodology (A&M) (40 points):

Adequacy and quality (The SAREP Technical Evaluation Committee will assess whether the understanding of the assignment is clear, proposed methodology is specific, responds to the Scope of Work, Schedule of deliverables timeline.)

B. Experience (40 points)

1. Research and development experience of integrating RTS in different operating modes will be preferred (10 points).

The remaining 30 points for Experience are shared amongst 2, 3, 4 and 5 below:

- 2. The bidder should have at least five (5) years of experience of supply and installations of components in grid-connected commercial rooftop solar PV projects.
- 3. The bidder should have been involved in at least 10 grid-connected rooftop solar PV solutions with a minimum project capacity of 5 kWp, in addition to this prior experience of developing microgrid projects shall be additional advantage.
- **4.** The bidder should have experience in programming the control cards used in grid-connected solar PV inverters.
- **5.** Experience of working with Indian Railways is preferred

C. Proposed Team (20 points)

Proposed team should include but not limited to:

 One project manager (with at least 10 years' experience in rooftop solar PV projects deployment/services and management)

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- 2. Lead engineer (Must have a Bachelor's degree (BE or B. Tech) in Electrical Engineering or related engineering fields with at least 10 years of experience in design, development, and field deployment of grid-connected rooftop solar PV systems).
- **3.** Installation engineers/technicians as required for project deployment.

The roles and responsibilities of the proposed team should be clearly highlighted in the proposal.

Note: Documentary evidence should be furnished for all the information submitted against the pre-qualification criteria including copy of purchase orders or completion certificates.

- b) Financial Proposal Scoring The consultancy firm with lowest qualifying financial bid (L1) will be awarded 100% score. Financial Scores for other than L1 will be evaluated using the following formula: Financial Score (Fn) = {(Commercial Bid of L1/Commercial Bid of the Bidder) X 100}%
- c) Consolidated Scoring (Technical and Financial) The selection of the consultancy firm shall be based upon the methodology of Quality and cost-based selection (QCBS) with technical and financial weightage of 80% and 20%, respectively.
- **12. Award Notice.** A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful supplier within the time acceptance specified in the offer, shall result in a binding contract without further action by either party.
- **13. Validity of Offer.** This RFP in no way obligates RTI to make an award, nor does it commit RTI to pay any costs incurred by the Seller in the preparation and submission of a proposal or amendments to a proposal. Your proposal shall be considered valid for ______ days after submission.
- 14. Representations and Certifications. Winning suppliers under a US Federal Contract are required to complete and sign as part of your offer RTI Representations and Certifications for values over \$10,000.
- 15. Certifications.

Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions - Certification and Disclosure Regarding Payments to Influence Certain Federal Transaction as referenced in FAR 52.203-11 is hereby incorporated into this Request for Proposal as a condition of acceptance.

Limitation on Payments to Influence Certain Federal Transactions- Limitation on Payments to Influence Certain Federal Transactions as referenced in FAR 52.203-12 is hereby incorporated into this Request for Proposal as a condition of acceptance.

16. Anti- Kick Back Act of 1986. Anti-Kickback Act of 1986 as referenced in FAR 52.203-7 is hereby incorporated into this Request for Proposal as a condition of acceptance. If you have reasonable grounds to believe that a violation, as described in Paragraph (b) of FAR 52.203-7 may have

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- occurred, you should report this suspected violation to the RTI's Ethics Hotline at 1-877-212-7220 or by sending an e-mail to ethics@rti.org. You may report a suspected violation anonymously.
- 17. The John S. McCain National Defense Authorization Act for fiscal year 2019 section 889. RTI cannot use any equipment or services from specific companies, or their subsidiaries and affiliates, including Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, and Dahua Technology Company ("Covered Technology"). In response to this request for proposal, please do not provide a quote which includes any Covered Technology. Any quote which includes Covered Technology will be deemed non-responsive. Additionally, if the United States Government is the source of funds for this RFP, the resulting Supplier shall not provide any equipment, system, or service that uses Covered Technology as a substantial or essential component.

Acceptance:

By: (Seller Company Name)

Seller agrees, as evidenced by signature below, that the seller's completed and signed solicitation, seller's proposal including all required submissions and the negotiated terms contained herein, constitute the entire agreement for the services described herein.

	<i>,</i>		
Signature:			
Title:			
Date:			

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