

**BANGALORE DIVISION-ELECTRICAL/SOUTH WESTERN RLY  
TENDER DOCUMENT**

Tender No: BE-29-2022-23-OT-29

Closing Date/Time: 16/01/2023 11:00

Sr. Divisional Electrical Engineer General SBC acting for and on behalf of The President of India invites E-Tenders against Tender No BE-29-2022-23-OT-29 Closing Date/Time 16/01/2023 11:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

|                                    |  |  |                      |
|------------------------------------|--|--|----------------------|
| <b>Name of Work</b>                | Provision of Solar Roof Top Photo Voltaic power generating system on service buildings of IRIDM at Hejjala |  |                      |
| <b>Bidding type</b>                | Normal Tender  |  |                      |
| <b>Tender Type</b>                 | Open   | <b>Bidding System</b>                              | Single Packet System |
| <b>Tender Closing Date Time</b>    | 16/01/2023 11:00   | <b>Date Time Of Uploading Tender</b>               | 23/12/2022 18:21     |
| <b>Pre-Bid Conference Required</b> | No   | <b>Pre-Bid Conference Date Time</b>                | Not Applicable       |
| <b>Advertised Value</b>            | 13045200.00  | <b>Tendering Section</b>                           | GENERAL              |
| <b>Bidding Style</b>               | Single Rate for Tender   | <b>Bidding Unit</b>                                | Above/Below/Par      |
| <b>Earnest Money (Rs.)</b>         | 215200.00  | <b>Validity of Offer ( Days)</b>                   | 60                   |
| <b>Tender Doc. Cost (Rs.)</b>      | 0.00   | <b>Period of Completion</b>                        | 4 Months             |
| <b>Contract Type</b>               | Works  | <b>Contract Category</b>                           | Expenditure          |
| <b>Bidding Start Date</b>          | 02/01/2023   | <b>Are Joint Venture (JV) firms allowed to bid</b> | No                   |
| <b>Ranking Order For Bids</b>      | Lowest to Highest  | <b>Expenditure Type</b>                            | Capital (Works)      |

**2. SCHEDULE**

| S.No.   | Item Code   | Item Qty | Qty Unit | Unit Rate | Basic Value | Escl.(%) | Amount      | Bidding Unit |
|---|---|----------|----------|-----------|-------------|----------|-------------|--------------|
| <b>Schedule</b> 01-Provision of Solar Roof Top Photo Voltaic power generating system on service buildings of IRIDM at Hejjala |   |          |          |           |             |          | 13045200.00 |              |
| 01  | Please see Item Breakup for details.  |          |          |           | 13045200.00 | AT Par   | 13045200.00 |              |
|   | <b>Description:-</b> Provision of Solar Roof Top Photo Voltaic power generating system on service buildings of IRIDM at Hejjala |          |          |           |             |          |             |              |

**3. ITEM BREAKUP**

| <b>Schedule</b> | Schedule 01-Provision of Solar Roof Top Photo Voltaic power generating system on service buildings of IRIDM at Hejjala |  |      |        |              |                    |
|-----------------|--|--|------|--------|--------------|--------------------|
| <b>Item- 01</b> | Provision of Solar Roof Top Photo Voltaic power generating system on service buildings of IRIDM at Hejjala             |  |      |        |              |                    |
| S No.           | Item No  | Description of Item  | Unit | Qty    | Rate         | Amount             |
| 1               | 01   | Design, supply,installation,testing and commissioning of ON GRID solar photovoltaic power plant with required solar PV modules, MS Hot dipped Galvanized structure for mounting of panles , suitable power conditioning units able to adjust volatge and frequency level to suit the grid voltage frequency, Array and main junction boxes with IP65 protection, required AC & DC distribution boards with switchgear , armoured power and control cables ,remote data monitoring system , EB approved Bidirectional energy metering system ; H.T metering cubicle enclosure with bus bar, changeover arrangement, C.Ts, Solar generation meter box etc., as required ; Earthing arrangements , suitable lightning and surge protection etc., as per detailed specifications including all necessary works, accessories as per site condition. Liasoning , registration , inspection and any other charges of EB to be born by contractor. Site to be surveyed and GAD to be submitted for approval before starting of work. | KWp  | 150.00 | 86968.00     | 13045200.00        |
|                 |  |  |      |        | <b>Total</b> | <b>13045200.00</b> |

**4. ELIGIBILITY CONDITIONS**

**Special Technical Criteria**

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| S.No. | Description  | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|--|-----------------------|-----------------|---------------------|
| 1     | Definition of Similar Nature of Works Applicable: Supply, installation, testing and commissioning of solar power generating system of at least 5 kWp capacity. | No                    | No              | Allowed (Mandatory) |

**Standard Financial Criteria**

| S.No. | Description   | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|---|-----------------------|-----------------|---------------------|
| 1     | Financial Eligibility Criteria: The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. 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. 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. The tenderers shall submit requisite information as per Annexure-VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet. | No                    | No              | Allowed (Mandatory) |

**Submission of Document Verification Certificate**

| S.No. | Description  | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|--|-----------------------|-----------------|---------------------|
| 1     | Please submit a certificate in the prescribed format (please download the format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility / qualifying criteria. Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer.<br>( <a href="#">Click here</a> to download the Format of Self Certificatio) | No                    | No              | Allowed (Mandatory) |

**Standard Technical Criteria**

| S.No. | Description   | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|---|-----------------------|-----------------|---------------------|
| 1     | Technical Eligibility Criteria: (a)The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii)Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii)One similar work costing not less than the amount equal to 60% of advertised value of the tender. Definition of similar Nature of work: As given in Chapter I- Preamble of Tender Document. | No                    | No              | Allowed (Mandatory) |

**5. COMPLIANCE**

**Commercial-Compliance**

| S.No. | Description   | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|---|-----------------------|-----------------|---------------------|
| 1     | Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions. | No                    | Yes             | Allowed (Optional)  |

**General Instructions**

| S.No. | Description   | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|---|-----------------------|-----------------|---------------------|
| 1     | Mandatory Documents & Forms of Tenders required to be uploaded by the bidders are attached with this Tender under Chapter II. Non uploading of mandatory documents which leads to summarily rejection of offer is mentioned in Chapter II of tender document. In addition to this , Annexure V (A), as per Advance Correction Slip NO.2 to GCC dt.13.12.2022 shall also have to be submitted if required, as the case may be. | No                    | No              | Not Allowed         |

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|    |   |    |    |             |
|----|---|----|----|-------------|
| 2  | The tenderers are advised to carefully read this tender Document (Chapter I to V) in conjunction with Indian Railways Standard General Conditions of Contract- April 2022 and Advance Correction Slip No.1 dt.14.07.2022 and Advance Correction Slip No.2 DT.13.12.2022 with latest amendments and correction slips before participating in this Tender.  | No | No | Not Allowed |
| 3  | Para 6.1 of Part I of GCC shall be read as per Advance Correction Slip No.2 DT.13.12.2022. Para 11 (iv) of Annexure-1 , Part I of GCC shall be read as per Advance Correction Slip No.2 DT.13.12.2022   | No | No | Not Allowed |
| 4  | "CORRIGENDUM NOTICE ON IREPS: Railway may modify the tender document by issuing online corrigendum through "www.ireps.gov.in" 15 days prior to the tender closing date. For the purpose of CORRIGENDUM in the tender, NIT period is split as under: (a) ADVERTISEMENT PERIOD: The time during which all information pertaining to tender shall be available but offers cannot be submitted (b) OFFER SUBMISSION PERIOD: 15 days prior to closing of tender, during which tenderers can submit their offer   | No | No | Not Allowed |
| 5  | Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive to accord with the provisions in Clause-37 of the Standard General Conditions of Contract for the completion of works to the entire satisfaction of the Engineer  | No | No | Not Allowed |
| 6  | The rates quoted for the relevant items of work shall include the cost of materials and equipments, their accessories, fixing labour, together with the cost of providing the necessary tools and tackles etc., so as to ensure that the work carried out forms a complete installation to the satisfaction of the Engineer-in-charge.  | No | No | Not Allowed |
| 7  | Prices shall be quoted as per details shown in Schedule of Work. The prices quoted shall be firm and not subject to variations for any reasons whatsoever. The prices quoted shall be NET including all taxes and duties etc.   | No | No | Not Allowed |
| 8  | Documents to be Submitted Along with Tender (i)The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / HUF etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case maybe. (ii)Following documents shall be submitted by the tenderer: (a)Sole Proprietorship Firm: (i)All documents in terms of Para 10 of the Tender Form (Second Sheet) . | No | No | Not Allowed |
| 9  | Following documents shall be submitted by the tenderer: if HUF: (i) A copy of notarized affidavit on Stamp Paper declaring that he who is submitting the tender 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. (ii) All other documents in terms of Para 10 of the Tender Form (Second Sheet)   | No | No | Not Allowed |
| 10 | Following documents shall be submitted by the tenderer: if Company registered under Companies Act2013: (i) The copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company (ii) A copy of Certificate of Incorporation (iii) A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company. (iv) All other documents in terms Para 10 of the Tender Form (Second Sheet)  | No | No | Not Allowed |

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|    |  |    |    |             |
|----|--|----|----|-------------|
| 11 | Following documents shall be submitted by the tenderer: if LLP (Limited Liability Partnership): (i) A copy of LLP Agreement (ii) A copy of Certificate of Incorporation (iii) A copy of Power of Attorney/Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP. (iv) An undertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / 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. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract. (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet).   | No | No | Not Allowed |
| 12 | Following documents shall be submitted by the tenderer: if Registered Society & Registered Trust: The tenderer shall submit: (i) A copy of Certificate of Registration (ii) A copy of Memorandum of Association of Society/Trust Deed (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust. (iv) A copy of Rules & Regulations of the Society (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet)   | No | No | Not Allowed |
| 13 | The following documents shall be submitted by the partnership firm, with the tender: (i) A notarized copy of the Partnership Deed or a copy of the Partnership deed registered with the Registrar. (ii) A notarized or registered copy of Power of Attorney in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm. (iii) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / 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. Any Concealment / wrong information in regard to above shall make the bid ineligible or the contract shall be determined under Clause 62 of the Standard General Conditions of Contract. (iv) All other documents in terms of Para 10 of the Tender Form (Second Sheet) | No | No | Not Allowed |
| 14 | The tenderers are advised to upload all required documents mentioned in this Notice Inviting Tender as well as in the Tender Document (Tender forms) (Chapter I to V) along with the bid.  | No | No | Not Allowed |
| 15 | The schedule given in this NIT shall be read in conjunction with technical specifications/ explanatory notes and drawings given in the Tender document attached with this Tender.  | No | No | Not Allowed |

**Custom**

| S.No. | Description  | Confirmation Required | Remarks Allowed | Documents Uploading |
|-------|--|-----------------------|-----------------|---------------------|
| 1     | The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure-V as per the corrected format available in Advance Correction Slip NO.2 to GCC dt.13.12.2022 .In addition to Annexure V, in case of other than company/ proprietary firm, Annexure -V(A) shall also be submitted by the each member of a Partnership Firm/ Joint Venture (JV)/ Hindu Undivided Family(HUF)/ Limited Liability Partnership (LLP) etc. as the case may be. Non submission of above certificate by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested/digitally signed by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document. Bidders are advised to submit the certificate as per the latest format given in Advance Correction Slip NO.2 to GCC. | Yes                   | Yes             | Allowed (Mandatory) |
| 2     | Deviations, if any, shall be brought out in the table as per Annexure D by the tenderers. Any deviation from the tender document and conditions which has not been brought out here shall not be considered. If, no such deviations are brought out in the offer, it will be deemed that the tenderer has fully understood the requirements of the tender and no extra cost will be paid under any circumstances for carrying out the works under this tender in accordance with the interpretations of the Engineer-in-charge.  | Yes                   | Yes             | Allowed (Optional)  |

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|    |   |     |     |                     |
|----|---|-----|-----|---------------------|
| 3  | The tenderers are advised to upload all required documents mentioned in this Notice Inviting Tender as well as in the Tender Document (Tender forms) (Chapter I to V) along with the bid.   | Yes | Yes | Allowed (Optional)  |
| 4  | Materials supplied by Railways should be transported to the work site, in parts or full, by the contractor at their own cost. This includes all machineries, tools and tackles etc and man power required for the transportation of all such items. Necessary gate pass should be obtained by the contractor from the SSE in-charge for the same  | Yes | Yes | Not Allowed         |
| 5  | The successful tenderer have to furnish initial schematic drawing duly inspecting the site with SSE in-charge before taking up the work and final schematic diagram as per the work done shall be submitted after completion of the entire work   | Yes | Yes | Not Allowed         |
| 6  | The successful tenderer has to submit the details regarding engagement of contract labourers and the Checklist for the same is enclosed as Annexure in the tender document. The same has to be submitted by the successful tenderer while submitting the PG   | Yes | Yes | Not Allowed         |
| 7  | Tender Form Filled and signed as per Chapter II should be uploaded by the tenderer.   | Yes | Yes | Allowed (Mandatory) |
| 8  | TENDERERS CREDENTIALS: The list of personnel / organization on hand and proposed to be engaged for the tendered work. Similarly list of Plant & Machinery available on hand and proposed to be inducted and hired for the tendered work.  | Yes | Yes | Allowed (Mandatory) |
| 9  | The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be. Necessary documents to this effect as applicable, as per Clause No. 14 of tender form (second sheet) of Tender Document to be uploaded.  | Yes | Yes | Allowed (Mandatory) |
| 10 | The tenderer whether sole proprietor / a company or a partnership firm / joint venture (JV) / registered society / registered trust / HUF / LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/ Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association / Board resolution, failing which tender shall be summarily rejected. | Yes | Yes | Allowed (Mandatory) |
| 11 | Information regarding Employment/Partnership etc. of Retired Railway Employees as per Clause No. 16 of tender form (second sheet) of Tender Document to be uploaded.  | Yes | Yes | Allowed (Mandatory) |

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|----|---|-----|-----|---------------------|
| 12 | Bidders are required to Upload self-certificate by Class-I/ Class-II local suppliers at the time of tender in regard to meeting the Minimum Local Content requirement as per accordance with Para-9(a) of Public Procurement(Preference to Make in India) Order 2017 with latest revisions. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in PUBLIC PROCUREMENT POLICY ORDER-2017 with latest revisions. Provisions of make in India Policy 2017 issued by Govt of India, DPIIT, as amended from time to time shall be followed. Definition: Definition of terms are as per Public Procurement (Preference to Make in India) Order 2017 with latest revisions. Minimum Local Content: The 'Local content' required to categorize a supplier as Class I local supplier is minimum 50%. For Class II local supplier, the local content requirement is minimum 20%. Nodal ministry/ department may prescribe only a higher percentage of Minimum local content requirement to categorize a supplier as class 1 local supplier /class-II local supplier. For the items for which nodal ministry / department has not prescribed higher minimum local content notification under the order, it shall be 50% and 20% for class 1 local supplier and class-II local supplier respectively. Local content means the amount of value added in India which shall unless otherwise prescribed by the Nodal ministry, be the value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as p proportion of the total value, in percent. | Yes | Yes | Allowed (Mandatory) |
| 13 | Tenderers Credentials: The work shall be carried out only by licenced contractors having valid class of electrical contractors licence for carrying out this work of the voltage class involved or employed a person having a valid class of electrical contractors licence on regular basis for carrying out this work of the voltage class involved, issued by any state government. And this work shall be carried out under the direct supervision of a person holding valid certificates of competency for the same voltage classes issued or recognised by the State Government. Valid Class 1 licence or equivalent/ higher grade equivalent licence as per the voltage class involved in this work. i.e. licence for execution of works for a voltage class of minimum 11kV HT or above. The Electrical contractor licence shall be mandatorily uploaded in the IREPS website while submitting the bid without which the bid will be summarily rejected.  | Yes | Yes | Allowed (Mandatory) |
| 14 | Tenderers are advised to go through approved makes given in the tender document vide para No. 2.4 of Chapter II -Instructions to the tenderers. Makes of material supplied shall be any one the approved makes only.  | Yes | Yes | Not Allowed         |

**6. Documents attached with tender**

| S.No. | Document Name  | Document Description                             |
|-------|--|--|
| 1     | HEJTENDERDOC.pdf   | Tender Document                                  |
| 2     | ACS2131222.pdf   | ACS No2 to GCC 2022 dt 13 12 2022                |
| 3     | GCC_April-2022_2022_CE-I_CT_GCC-2022_POLICY_27_04_22.pdf | IR Standard GCC April 2022                       |
| 4     | GCCACS.pdf   | Advance Correction Slip No.1 to IRGCC April 2022 |

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By: KISHORE DEOPARE**

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**Designation :** Sr.DEEG