विवरण / Details

<table>
<thead>
<tr>
<th>क्र. सं. SI. No.</th>
<th>वर्णन / Description</th>
<th>विवरण / Details</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>कार्य का नाम / Title of work</td>
<td>एनआरएससी परिसर, शादनगर में 600kWp क्षमता के भूमि व छत के उपर स्थापित किए जाने वाले सौर ऊर्जा संयंघ की परिकल्पना, इंजीनियरी, निर्माण, परिवहन, आपूर्ति, प्रतिस्थापन, परीक्षण व कमीशनिंग सौंपा जाने एवं व्यापक वार्षिक अनुरक्षण सेवा(सीएएमएस) (फेज-III के अंतर्गत)। Design, Engineering, Manufacture, Transportation, Supply, installation, Testing &amp; Commissioning, Handing over and Comprehensive Annual Maintenance Service (CAMS) of 600kWp capacity ground mounted and roof top Solar Power Plants at NRSC, Shadnagar (Under Phase-III).</td>
</tr>
<tr>
<td>2.</td>
<td>लिखित का अनुमानित लागत / Estimated cost put to tender</td>
<td>₹ 554.12 लाख / Lakhs (सीएएमएस शुल्क सहित / Including charges towards CAMS) ₹ 450.61 लाख / Lakhs (सीएएमएस शुल्क रहित / Excluding charges towards CAMS)</td>
</tr>
<tr>
<td>3.</td>
<td>कार्योद्धार जारी होने के पंद्रहवें दिन से गणना करते हुए कार्य समाप्ति की अवधि (माह में) Period of completion in months reckoned from the 15th day of date of issue of work order.</td>
<td>04 माह / Months आपूर्ति, प्रतिस्थापन, परीक्षण, कमीशनिंग एवं सौंपा जाने के लिए for supply, installation, testing, commissioning and handing over</td>
</tr>
<tr>
<td>3.a</td>
<td>वार्त्ती अवधि Warranty period</td>
<td>पूर्ण प्रणाली हेतु पांच वर्ष एवं मोड्यूल्स हेतु 25 वर्ष Five years for the entire system and 25 years for the modules</td>
</tr>
<tr>
<td>3.a</td>
<td>पूर्ण प्रणाली की व्यापक वार्षिक अनुरक्षण सेवा अवधि Comprehensive Annual Maintenance Service period of the entire system</td>
<td>दस वर्ष (पांच वर्ष की वार्ती अवधि के पश्चात) Ten years (after warranty period of five years)</td>
</tr>
</tbody>
</table>
4. निविदा ढाउनलोड करने की अवधि
Period during which the tender document can be downloaded
From: 15.02.2019 से
To: 25.02.2019 तक

5. स्पष्टीकरण अवधि
Clarifications on
From: 15.02.2019 10:00 बजे/Hrs से
To: 26.02.2019 15:00 बजे/Hrs तक

6. निविदा प्राप्ति की अंतिम तिथि व समय
Last date and time for receipt of tenders.
Up to 01.03.2019 को 16:00 बजे/Hrs तक

7. निविदा खोलने की नियत तिथि व समय
Due date and time of opening of tenders.
On 05.03.2019 को 15:00 बजे/Hrs

8. बयाना राशि जमा
Earnest money deposit (EMD)
र 11,08,240/-

2. निविदा ढाउनलोड जारी करने हेतु पात्रता मानदंड / Eligibility Criteria for Issue of Tender Documents –
निविदा ढाउनलोड उन लोगों को जारी किया जाएगा जो निम्न पात्रता मानदंड पूरे करते हैं:

Tender documents will be issued only to those who satisfy the following eligibility criteria:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Eligibility Criteria</th>
<th>Documentary proof for the eligibility (Self attested copies to be submitted)</th>
</tr>
</thead>
</table>
| a.1    | बोलीकर्ता का गत पांच वर्ष से (01.01.2014 से) भारत में एसपीवी मॉड्यूल का मूल निर्माता होना आवश्यक है। जिसमें गत तीन वर्षों के दौरान पीवी मॉड्यूल की वार्षिक निर्माण क्षमता से 5 MWp कम नहीं होनी चाहिए। फिर की मुख्यतम 300 WP क्षमता के पीवी मॉड्यूल निर्माण की क्षमता होनी चाहिए (दस्तावेजी साक्ष्य द्वारा समर्थित)।
The bidder should be original manufacturer of SPV modules in India for the past five years(i.e. since 01.01.2014) having annual manufacturing capacity of PV modules not less than 5 MWp in the last three years. The firm should have capacity to manufacture PV modules of capacity 300 WP minimum (supported by documentary evidence).
| a.2    | बोलीकर्ता भारत में एक स्थापित एजेंसी होनी चाहिए जिसे भारत में तीन गति से कार्यान्वयन के आधार पर सौर उर्जा परियोजनाएं निष्पादन का प्यारी अनुभव होना चाहिए। जो गत पांच वर्षों में कुल 1 MWp से कम नहीं होनी चाहिए तथा भारत में सफलतापूर्वक स्थापित होना चाहिए। कार्यालय / क्राइडेश एवं परियोजना पूर्वांग प्रमाणपत्र DWS द्वारा समर्थित साक्ष्य होने चाहिए। निजी फर्म के क्राइडेश/कार्यालय होने की दशा में, टीडीएस प्रमाणपत्र समर्थित अनुभव होना चाहिए।
The bidder should have post-installation experience in maintaining solar power stations in India on turn-key basis totaling to not less than 1 MWp in the last 5 years and should have established tie up with experience Solar power plant maintenance agency (supported by TDS certificates). |
| a.3    | बोलीकर्ता की भारत में प्रतिस्थापन संबंधि अनुसरण का अनुभव होना चाहिए या गत पांच वर्षों के दौरान अनुभवी सौर उर्जा संबंधि अनुसरण एजेंसी के साथ संबंध होना चाहिए (दस्तावेजी साक्ष्य द्वारा समर्थित)।
The bidder should have post-installation experience in maintenance of solar power stations in India or shall have established tie up with experience Solar power plant maintenance agency (supported by documentary evidence) during the last five years. |
**Note:**

i. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of submission of bids.

Work executed as sub-contract or joint-venture will not merit for eligibility/evaluation

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<td>i.</td>
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<td>ii.</td>
<td>Work executed as sub-contract or joint-venture will not merit for eligibility/evaluation</td>
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<td>iii.</td>
<td>Work executed as sub-contract or joint-venture will not merit for eligibility/evaluation</td>
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<td>b.</td>
<td>Bidder shall possess valid electrical contractor's license of appropriate class and category issued by Central or State electricity authority. Certified copy of valid electrical contractor's license shall be submitted at the time of bidding i.e. along with technical bid.</td>
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<tr>
<td>c.</td>
<td>Should have had average annual financial turnover not less than `166.23 Lakhs i.e., 30% of the estimated cost of the work during the last three years ending 31.03.2018. Certified copy from charted Accountant for the Annual financial turnover and balance sheet showing Profit &amp; Loss.</td>
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<td>d.</td>
<td>Should not have incurred any loss in more than two years during the last five years ending 31.03.2018.</td>
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<td>e.</td>
<td>Should have a solvency of not less than 40% of estimated cost i.e `221.65 Lakhs. Certified copy of current solvency certificate not earlier than 01.04.2018 from any Scheduled Bank.</td>
</tr>
</tbody>
</table>
The bidding capacity of the contractor should be more than **554.12 Lakhs**. The bidding capacity shall be worked out and declared by the tenderer and enclosed with the request for tender document based on the formula: \((AxN^2) - B\).

Where,

- **A**: The maximum value of work executed in one year during last 5 years at current price level taking into account the work completed as well as work in progress.
- **B**: Value of existing commitments and ongoing work to be completed during the next 'N' years at current price level.
- **N**: Number of years prescribed for completion of the subject contract for which bids are invited (\(N=0.33\)).

### g. In addition, the following documents are to be uploaded

1. Valid GST registration certificate & PAN card
2. Tenderers should submit their company profile.

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3. The tender document may be downloaded from e-Tendering website [www.tenderwizard.com/ISRO](http://www.tenderwizard.com/ISRO). Downloading of tender documents alone will not make a tenderer eligible for participating in the bidding. The documents uploaded by the tenderers will be subjected to verification subsequently by Department. If found not meeting the requirement, such offers will be rejected.

4. The tender document may be downloaded from e-Tendering website [www.tenderwizard.com/ISRO](http://www.tenderwizard.com/ISRO).
a) Tenders should be accompanied with Earnest Money Deposit for value specified in Para 1 above, in the form of Deposit at Call receipt/ Term Deposit Receipt of any Scheduled Bank of Pay & Accounts officer NRSC, Hyderabad (or) in the form of Bank guarantee issued by a scheduled bank. Earnest Money Deposit shall be valid for 180 days from the due date of receipt of tenders. In case EMD in the form of DD is furnished, the same will be enchased immediately on opening of tenders and refund of EMD for unsuccessful tenderers will be made through Cheque / electronically by the Department.

b) The MSME units claiming exemption of Tender cost/ EMD should submit MSME UDYOUGH ADHAR MEMORANDUM or registration certificate issued by District Industries Centre (DIC) / Khadi & Industries board (KVIB)/ Coir board / National small industries commission (NSIC)/ Directorate of Handicrafts and handlooms or any other body specified by Ministry of MSME. The memorandum/certificate shall be valid as on due date / extended due date of the tender.

5. Tenders will be opened at the Office of the Group Head/ Head, Construction and Maintenance Group/ Division on the stipulated date and time specified in Para 1 above.

6. If Earnest Money Deposit is not received on or before due date and time of opening of tender indicated in para 1 above. If valid EMD is not received on or before due date and time of opening of tender, the tender offer shall be summarily rejected.

b) The MSME units claiming exemption of Tender cost/ EMD should submit attested hard copy of MSME UDYOUGH ADHAR MEMORANDUM or registration certificate as indicated in para 4 (b) above. The hard copy of above memorandum / certificate shall be submitted to the office of the Group Head/Head, Construction and Maintenance Group/ Division on or before due date and time of opening of tender. If hard copy is not received on or before due date and time of opening of tender, the tender offer shall be summarily rejected.

7. On the due date of opening, the Technical & Commercial bid of those tenderers who furnished valid EMD only will be opened. On opening of Technical & Commercial bid, further detailed scrutiny / evaluation will be carried out in two stages as below,
Stage-1: The documents furnished by the tenderers will be scrutinized in detail. Any tender, found as not fulfilling the eligibility criteria will be rejected at this stage and such offers will not be considered for further processing.

Stage-2: At this stage, the competency of the tenderers will be further evaluated by a Technical Evaluation Committee (TEC), including inspection of selected works carried out by tenderers. The Technical Evaluation format including the evaluation criteria is enclosed in the tender document.

Notes:- Any particular tenderer who has been technically evaluated by any of ISRO Centres in the past one year for any work of similar nature and magnitude and for same criteria of evaluation, such bidders will not be re-evaluated and the scores of the previous evaluation will be taken for the assessment of the eligibility for the present tender.

The price bid of only those tenderers who have been qualified during the scrutiny and technical evaluation will be opened separately on a specified date (with due intimation to the qualified bidders) and further processed, as per tender procedure/ stipulations.

Note: Any particular tenderer who has been technically evaluated by any of ISRO Centres in the past one year for any work of similar nature and magnitude and for same criteria of evaluation, such bidders will not be re-evaluated and the scores of the previous evaluation will be taken for the assessment of the eligibility for the present tender.

The contractor, whose offer is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within 15 days from the date of issue of letter of intent/ work order. This guarantee shall be in the form of Deposit at Call receipt/ Term Deposit Receipt of any Scheduled Bank issued in favour of Pay & Accounts officer NRSC, Hyderabad (or) in the form of Bank guarantee issued by a scheduled bank in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period specified including the extended period if any, the Earnest Money deposited by the contractor will be forfeited and letter of intent/ work order cancelled automatically without any notice to the contractor. The Earnest Money deposited along with tender shall be refunded only after receiving the aforesaid performance guarantee.
The successful tenderer immediately on completion of the work, will be required to furnish a security deposit of 5% of the ‘tendered value’ within 15 days of commissioning and handing over of solar power plants. The details of SD to be furnished is listed in the Para 10 below. The deposit shall be in the form of Deposit at Call receipt/Term Deposit receipt from any scheduled bank in favour of ‘Pay & Accounts officer NRSC, Hyderabad’ or in the form of Bank guarantee issued by a scheduled bank in the prescribed form. In the event of contractor failing to furnish the security deposit on completion of the work, the performance guarantee already submitted will be converted into security deposit. All compensations or the other sums of money payable by the contractor under the terms of this contract shall be deducted from this security deposit.

The proposed solar power plants shall have a warranty for a period of five years and solar modules shall have a warranty for a period of twenty-five years. The Security deposit submitted vide para-09 above shall be retained during warranty period of five years and 2% Security deposit (towards solar modules) for the balance period of next twenty years. These aspects are explicitly mentioned in detailed tender document.

The bidder has to comprehensively maintain the entire system free of cost during full warranty period of five years. On completion of five year warranty period for Solar Power Plants, successful tenderer need to undertake paid Comprehensive Annual Maintenance Service (CAMS) for period of next ten years. The offer shall include the charges for CAMS for ten years. Year wise rates for the same shall be duly filled in the price bid.

The Tenderers are requested to go through the tender document uploaded and understand the contents, before bidding.

The offer submitted shall not consider/shall not include any subsidy offered by Government. Department if necessary may directly process and obtain the subsidy as applicable from MNRE. However, the successful Tenderer shall provide full supporting documents/details as required.
for processing the subsidy. Also, any modification/suggestions indicated by MNRE, during inspection or otherwise, shall be duly carried out without any additional cost.

14. आरंभिक पांच वर्षों की वारंटी अवधि के बाद दस वर्ष के लिए व्यापक वार्षिक अनुरक्षण सेवा के शुल्क सहित कार्य की कुल प्रत्यक्ष राशि के आधार पर न्यून प्रत्यावर्त गणना एवं निर्णय किया जाएगा। निविदाकार द्वारा सीएएमएस के लिए किसी तरह के अवस्थाविशेष/अवस्थाविश्वसनीय दर को उद्धृत किये जाने पर, न्यून बॉली वाले निविदाकार से सीएएमएस के दर की युक्तिसंगत कराने की याचिका कर उसमें संशोधन करने का अनुरोध बनाया जाएगा। यदि कोई बात का ध्यान रखा जाए कि उद्धृत की गई कुल राशि में बदलाव नहीं होगा तथा युक्तिसंगत कुल उद्धृत राशि में ही किया जाएगा। न्यून बॉली वाले निविदाकार के सीएएमएस दर की युक्तिसंगतता के लिए असहायता होने पर, प्रत्यावर्त अवस्थाकृति के लिए उत्तरदायी होगा।

The lowest offer will be computed and decided on the total offered amount for the work including comprehensive annual maintenance service charges for ten years after initial five-year warranty period. If any unrealistic/non-workable rates are quoted for CAMS by the tenderers, department reserves the right to negotiate with the lowest tenderer to rationalize the rates towards CAMS and request to modify the same. However, it may be noted the total quoted amount will remain unaltered and the rationalization will be carried out within the total quoted amount. In case, lowest tenderer do not agree to rationalize the CAMS rates as indicated, the offer is liable for rejection.

15. प्रस्तावित कार्य को 'पूर्ण व्यापक' और अविभाज्य कार्य के अनुसार के रूप में माना जाएगा और इसे केवल एक इकाई के रूप में स्वीकार किया जाएगा और भागों में विभाजित करने के अधिकार नहीं किया जाएगा।

The proposed work shall be treated as 'all comprehensive' and indivisible works contract and will be accepted as single entity only and will not be awarded by splitting into parts.

16. इसलिए निविदाकार समग्र प्रधान, सीएम.जी., एनआरएससी की राशि अनुसंधान से निविदाएँ प्रस्तुत करने के पूर्व कार्यस्थल का निरीक्षण कर सकते हैं।

Intending tenderers may inspect the site before submitting the tenders, with the prior permission of Group Head, CMG, NRSC.

17. भारत के राष्ट्रपति की ओर से निविदा स्वीकारकर्ता प्राधिकारी न्यूनतम या कोई अन्य निविदा स्वीकार करने के लिए बाध्य नहीं है और जिन्हें कोई कार्य बलता प्राप्त किया या सभी निविदायें को अस्वीकार करने का अधिकार रखता है। सभी निविदाएँ जिसमें कोई निर्दिष्ट शर्त पूरी नहीं की जाती है या निविदाकार औपचारिक ढंग की कोई शर्त रखता है तो उन्हें बिना विचार किए अस्वीकार कर दिया जाएगा।

The tender accepting authority on behalf of President of India is not bound to accept the lowest or any other tender and reserves the authority to reject any or all the tenders received without assigning any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

18. भारत के राष्ट्रपति की ओर से निविदा स्वीकारकर्ता प्राधिकारी कार्य आदेश जारी करने से पूर्व कार्य क्षेत्र में परिवर्तन कार्य की गारंटी को कम करने का अधिकार बी रखता है और निविदाकार इस पर किसी भी प्रकार का दावा नहीं कर सकता।

The tender accepting authority on behalf of President of India also reserves the right to alter the scope/ or reduce quantum of work before issue of work order and the tenderer shall not have any claim what so ever on this account.

19. भारत के राष्ट्रपति की ओर से निविदा स्वीकारकर्ता प्राधिकारी राशि के निविदा या किसी भाग को स्वीकार करने का अधिकार रखता है और निविदाकार प्रत्यक्षता दर पर कार्य निर्धारण करने के लिए बाध्य होगा।

The tender accepting authority on behalf of President of India reserves the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
20. The rates should be inclusive of Goods and services tax (GST) at applicable rates and all levies, duties, cess etc., payable under the respective statutes unless otherwise specified. Any claim on account of Goods and services tax will not be admissible. Hence, tenderers are advised to quote their rates inclusive of Goods and services tax.

21. The tender accepting authority reserves the option to give preferences to the offers in accordance with the policies of the Government from time to time.

22. The contractor shall not be permitted to tender for works in the Division of that particular Centre of the Department responsible for award and execution of contracts for which his/her near relative is working. He/she shall make any modifications in the terms tender specified in Para 1 above. If any tenderer withdraws the offer within the validity period or makes any modifications in the terms and conditions of the tender which are not acceptable to the Department, the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% (Fifty Percent) of the Earnest Money Deposit absolutely. Further, the tenderer shall not be allowed to participate in the re-tendering process of the work.

23. The tender should be valid for minimum period of 120 days from the due date of receipt of the tender specified in Para 1 above. If any tenderer withdraws the offer within the validity period or makes any modifications in the terms and conditions of the tender which are not acceptable to the Department, the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% (Fifty Percent) of the Earnest Money Deposit absolutely. Further, the tenderer shall not be allowed to participate in the re-tendering process of the work.

24. On concluding the tender, an agreement shall be drawn with the successful tenderer.
SELF ATTESTED SCANNED COPY OF THE FOLLOWING DOCUMENTS SHALL BE SUBMITTED ALONG WITH TECHNO-COMMERCIAL BID, FAILING WHICH THE TENDERERS ARE LIABLE TO BE REJECTED

1. दिए गए कार्य हेतु संबंधित अधिकारी द्वारा जारी किए गए कार्य आदेश।
   Work orders issued by the authority concerned to establish work on hand.

2. कार्य अनुभव हेतु संबंधित अधिकारी द्वारा जारी कार्य समाप्ति प्रमाण-पत्र।
   Completion certificates issued by the authority concerned to establish work experience.

3. पात्रता मानदंड के अनुसार, समान प्रकृति के कार्यों, तुलनात्मक मात्रा के कार्यों के निष्पादन हेतु दस्तावेजी प्रमाण।
   Documentairy proof for having executed the work of similar nature and comparable magnitude as per the eligibility criteria.

4. निजी पक्षकारी द्वारा जारी किए गए कार्यों के लिए कार्य समाप्ति प्रमाण-पत्र, टी.डी.एस. (सोट पर कर कटौती) प्रमाण-पत्र के साथ होना चाहिए।
   Completion certificate for works issued by private parties shall be supported by TDS (Tax Deducted at Source) certificates.

5. चार्टर एकाउंट द्वारा जारी किया गया 31.03.2018 तक का पिछले पाँच वर्षों का वार्षिक वित्तीय कारोबार तथा लाभ व हानि की दर्शाता हुआ आंतुलन पत्र।
   Annual financial turnover and balance sheet showing Profit & Loss for the last five years ending 31.03.2018 issued by Charted Accountant.

6. किसी अधिपुर्ख बैंक द्वारा दिया गया शोधन-शमता प्रमाण-पत्र। किसी भी अनुसूचित बैंक का दर्तमान शोधन-शमता प्रमाणपत्र, जो 01.04.2018 से पूर्व का न हो, की प्रमाणित प्रति।
   Solvency certificate from any scheduled bank. Certified copy of current solvency certificate not earlier than 01.04.2018 from any Scheduled Bank.

7. उक्त निविदा को पूर्ण करने की अनुबंधित समयावधि के दौरान, संविदा की सामान्य शर्तें (पृष्ठ सं.ई.86) में दिए प्रपत्र-1 के अनुरूप, वित्तीय प्रतिबद्धता दर्शाते हुए एचल रहे प्रत्येक कार्य की सूची।
   A list of ongoing works indicating financial commitment for each of these works during the stipulated period of completion mentioned for the subject tender as per Format-1 in General Conditions of Contract (Page No.E.86).

8. संविदा के सामान्य निवंदन (पृष्ठ सं.ई.86) में प्रपत्र-2 के अनुरूप, कार्य का मूल्य, पूर्णता की तिथि, समय में विस्तार आदि दर्शाते हुए पूर्ण किए गए कार्य की सूची।
   A list of completed works indicating value of work, date of completion, extension of time etc., as per Format-2 in General Conditions of Contract (Page No.E.86).
9. PAN/TAN details.

10. Earnest Money deposit.

11. Company Profile with details.

12. Calculation of bidding capacity.

13. ADDITIONAL Documents, if any.

14. Valid GST registration number (GSTIN).

15. Electrical License.

16. To facilitate transfer of consideration payable, the tenderer is requested to furnish their bank details.

Mहत्तकूपृण्णनोट/ IMPORTANT NOTE:-

The original instrument of EMD (CDR/FDR/TDR/BG/DD) attested copy of MSME UDYOG ADHAR MEMORANDUM or Registration Certificate as indicated in para 4(b) above shall reach “OFFICE OF GROUP HEAD, CONSTRUCTION AND MAINTENANCE GROUP, NATIONAL REMOTE SENSING CENTRE, DPT. OF SPACE, GOVT. OF INDIA, BALANAGAR, HYDERABAD – 500 037” on or before tender opening date and time as stipulated in e-Tender Notice.

GROUP HEAD CMG, NRSC