

	<b>BOS WORKS FOR SETTING UP OF 600(6X100MW) MW GRID CONNECTED SOLAR POWER PROJECT AT KHAVDA,GUJARAT.</b>	VOLUME – IA
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### SCHEDULE OF TENDER (SOT)

Sl. No.	Description	Details
i.	Tender No.	CO CONTS/0024P/600 MW Solar/ BOS /e-contrs/2023, Dt.30.08.2023
ii.	Name of the work	BOS works for Setting up of 600 MW (6X100MW) Grid Connected Solar Power Project at Khavda, Gujarat Under Engineering, Procurement (Excluding Supply of PV Modules, IDT, Central Inverter, HT Cables & HT Switch Gears) & Constructions with O&M for 03 Years.
iii.	Mode of Tender	e-Tendering (Two cover system)
iv.	Cost of Tender Document	Rs. 20,000/- (Rupees Twenty Thousand only) Non-refundable
v.	Bid Guarantee	Rs. 4,35,50,000/- (Rupees Four Crore Thirty Five Lakh and Fifty Thousand Only)
vi.	Date of Pre-Bid Meeting	13.09.2023 at 11.00 Hrs. (IST) through Video Conference (VC)
vii.	Last Date & Time of submission of on line Bids (Part-I, Part-II ) and Physical cover	<b>29.09.2023 at 14.30 hrs. (IST)</b>
viii.	Date & Time of opening of Part-I and Physical Cover	<b>29.09.2023 at 15.00 hrs. (IST)</b>
ix.	Date & time of opening of Price Bids (Part-II)	To be informed later
x.	Date of e-Reverse Auction	To be informed later

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**SECTION – 1  
NOTICE INVITING BID  
DOMESTIC COMPETITIVE BIDDING**

Tender No. CO CONTS/0024P/600 MW Solar/ BOS /e-contrs/2023, Dt.30.08.2023

**1.0 Invitation for Bid**

Online Bids in English are invited by NLC India Limited, Neyveli for “BOS works for Setting up of 600 MW (6X100MW) Grid Connected Solar Power Project at Khavda, Gujarat Under Engineering, Procurement (Excluding Supply of PV Modules, IDT, Central Inverter, HT Cables & HT Switch Gears) & Constructions with O&M for 03 Years ” in Two Part system (Part-I and Part-II) followed by Reverse Bidding.

This 600 MW Solar Power Project is intended to be developed by NLCIL through its wholly owned subsidiary M/s.NLC India Green Energy Limited as details given below.

i).	Cost of tender document	:	Rs 20,000/- (Rupees Twenty Thousand only) Non-refundable
ii).	Bid Guarantee	:	Rs.4,35,50,000/-(Rupees Four Crore Thirty Five Lakh and Fifty Thousand Only)
iii).	Date of Pre-Bid Meeting	:	13.09.2023 at 11.00 Hrs. (IST) through Video Conference (VC)
iv).	Last Date & Time of submission of online Bids (Part-I, Part-II) and Physical cover	:	<b>29.09.2023 at 14.30 hrs. (IST)</b>
v).	Date & Time of opening of Part-I and Physical Cover	:	<b>29.09.2023 at 15.00 hrs. (IST)</b>
<p><u>Note:</u></p> <ol style="list-style-type: none"> <li>1. The points for discussion shall be furnished in advance to pre-bid meeting to the e-mail ID: corporate.conts@nlcindia.in</li> <li>2. Bidders who are interested to participate in the Pre-bid Meeting may send their request to corporate.conts@nlcindia.in furnishing Company name and address, Name of the authorized person to attend pre-bid meeting, contact number and e-Mail ID to enable us to send the link for participating in the Pre-bid meeting.</li> <li>3. For further details, please visit our website: www.nlcindia.in, NeAT portal: <a href="https://procure.nlcindia.in">https://procure.nlcindia.in</a> or Central Public Procurement Portal (CPPP) of Government of India website: <a href="http://www.eprocure.gov.in">www.eprocure.gov.in</a> or contact:</li> </ol>			

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	The Chief General Manager/Contracts, Corporate Office, NLC India Ltd., Block-1, Neyveli– 607 801., Tamil Nadu. Phone: 04142 – 212308/ 218588. E-Mail : corporate.conts@nlcindia.in
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### 1.1. **Brief Scope of Work**

The scope of work includes the Design, Engineering, Site development, Manufacture, Inspection at supplier's works, Supply, Insurance, Transport, Storage, Erection, Installation, Testing & Commissioning of the total capacity of 600 (6X100) MW SPP and the Evacuation System up to the Point of connection (ie., 33KV side of 33/400KV Pooling Sub Station) Except Supply of Solar PV Modules, IDT, Central Inverter, HT cables & HT Switch Gears.

The scope also includes necessary arrangements/supports to enable SPD to Declare Scheduled Commercial Operation Date (SCOD) after Entire Commissioning of SPP With DC overloading and conducting O&M Target Generation Test (OTGT). The scope also includes Operation & Maintenance (O&M) of entire SPP upto Point of connection. Standard 3 years O&M shall start from the date of SCOD. In addition, Scope also includes, Annual Maintenance Contract (AMC) of SCADA & Tracker for Six (6) years starting from 4th year to 9th year (ie. on completion of 03 years O&M of 600 (6X100) MW SPP).

This Scope of Work is indicative only. Detailed Scope of Work is contained in Volume-II (Technical Specification).

### 2.0 **Pre-Qualifying Requirements (PQR) for the Bidders:**

#### **TECHNICAL CRITERIA:**

Bidder shall meet the technical requirements either in clause 2.1 or 2.2 or 2.3 or 2.4 below:

#### **2.1. Route-I:**

The Bidder should have designed, supplied, erected/ supervised erection and commissioned/ supervised commissioning of Balance of System Package/ Solar power project for Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 40 MWp or higher in maximum of 4 agreements/orders, out of which at least one plant should have been of 10 MWp or higher capacity. The reference plant of 10 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening (i.e., Part-I Bid Opening).

#### **2.2. Route-II:**

The Bidder should be a developer of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 40 MWp or higher in maximum of 4



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agreements/orders, out of which at least one plant should have been of 10 MWp or higher capacity. The reference plant of 10 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening (i.e., Part-I Bid Opening).

**2.3. Route-III:**

2.3.1. The Bidder should have executed in the last ten (10) years an industrial project either as developer or as EPC Contractor in the area of Power/ Solar Power/ Steel/ Oil/ Gas/ Petrochemicals/ Fertilizer/ Cement/ Coal mining including coal handling plant/ Rail/ Ports/ Bridges/ Any other Infrastructural projects, for a value of Rs. 168 Crores in a single project or single work and the same should be in successful operation for at least one (1) year prior to the date of techno-commercial bid opening (i.e., Part-I Bid Opening).

(AND)

2.3.2. The Bidder should have executed at least one (1) Electrical Sub-station of 33 kV or above voltage level, consisting of equipment such as 33kV or above voltage level circuit breakers and Power transformer, either as developer or as EPC Contractor which should be in successful operation for at least one (1) year prior to the date of techno-commercial bid opening (i.e., Part-I Bid Opening).

**Note:** The works referred at clause 2.3.1 (as applicable) & 2.3.2 can be in same or different projects.

**2.4. Route-IV:**

The bidder should be an Indian company registered in India and should be a Group Company/Holding Company/ Subsidiary Company of a firm meeting the requirement stipulated in clause 2.1 (Route-I) or 2.2 (Route-II) or 2.3 (Route-III). In such a case, Bidder shall furnish a Joint Deed of Undertaking (JDU) jointly executed by the firm qualified as per the clause 2.1 (Route-I) or 2.2 (Route-II) or 2.3 (Route-III) and the Bidder along with its bid for complete performance of the contract jointly or severally as per format enclosed (Annexure-F) shall only be furnished without financial backup BG in the bid document failing which the Bidder's bid is liable to be rejected.

**2.5. FINANCIAL CRITERIA:**

2.5.1. The Bidder shall have Positive Net Worth as per the latest audited financial statements individually.

2.5.2. Average Annual Turn Over of the Bidder shall not be less than Rs. 168 Crores for the last three (3) consecutive financial years as on the original scheduled date of tender opening.

2.5.3. In case the bidder is Group Company/Holding Company/Subsidiary Company of a firm meeting the requirement stipulated in clause 2.1 (Route-I) or 2.2 (Route-II) or 2.3 (Route-III) then the combined annual average turnover of the bidder and the firm meeting the QR shall not be less than Rs. 168 Crores for the last three (3) consecutive financial years as on the original scheduled date of tender opening.



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- 2.5.4. In case a Bidder does not satisfy the annual turnover criteria, stipulated above on its own, its Holding Company would be required to meet the stipulated turnover requirements as above, provided that the Net Worth of such Holding Company as on the last day of the preceding financial year is at least equal to or more than the paid-up share capital of the Holding Company. In such an event, the Bidder would be required to furnish along with its techno-commercial bid, a Letter of Undertaking from the Holding Company, supported by the Holding Company's Board Resolution, as per the format enclosed (Annexure-G) in the bid documents.
- 2.5.5. In case the Bidder is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the Bidder can be considered acceptable provided the Bidder further furnishes the following documents on substantiation of its qualification:
- (a) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.
- (b) Certificate from the CEO/ CFO of the Holding Company, as per the format enclosed in the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statement of the Holding Company.
- In case where audited results for the last financial year as on date of techno commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case the Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited result of three financial years preceding the last financial year shall be considered for evaluating financial parameters. Further, a certificate would be required from the CEO/CFO as per the format enclosed (Annexure-H) in the bidding documents stating that the financial results of the company are under audit as on techno-commercial bid opening and the Certificate from a practicing Chartered Accountant certifying the financial parameters is not available.

**3.0 DOCUMENTARY EVIDENCE:**

- 3.1 The bidder shall attach documentary evidence to prove that the qualifying requirements mentioned in the clause 2.1 or 2.2 or 2.4 are met by him, along with the bid in the form of user certificate along with copy LOA/Work order/Contract agreement together with full contact details for verification.
- 3.2 For QR clause No.(2.3), the bidder shall attach documentary evidence to prove that the qualifying requirements mentioned in the clause 2.3.1 & 2.3.2 are met by him, along with the bid in the form of user certificate along with copy LOA/Work order / Contract agreement together with full contact details for verification.
- 3.3 For Financial QR, clause No.(2.5) Bidder shall furnish his audited profit and loss accounts and balance sheets for the last three (3) consecutive financial years as on the original scheduled date of tender opening. Wherever the bidder participates with Group Company/Holding Company/Subsidiary Company, profit and loss accounts and balance



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sheet for the last three (3) years consecutive financial years as on the original scheduled date of tender opening of their Group Company/Holding Company/Subsidiary Company shall also be furnished by the Bidder.

**4.0 NOTES:**

- 4.1 The Bidder or Group Company or Holding Company or Subsidiary Company as the case may be, shall attach documentary evidence to prove that the qualifying requirements mentioned in Clause no: 2.1 or 2.2 or 2.3 above are met by him / them, along with the bid in the form of user certificate along with copy LOA/Work order / Contract agreement together with full contact details for verification.
- 4.2 The bidder or the bidder with Group Company or Holding Company or Subsidiary Company, as the case may be, shall furnish their audited profit and loss accounts and balance sheets for the last three (3) consecutive financial years.
- 4.3 The Bidder shall submit End User Certificate which is subject to verification for qualification. In case the bidder furnishes the end user certificates showing the experiences of their subsidiary or group companies or companies under the same Management, a confirmation from the firm which is having the experience in this regard is to be enclosed along with end user certificate. In case of end user certificates are furnished by the Bidder from the subsidiary or group companies or companies under the same Management, in addition to End User Confirmation, NLCIL reserves the right to inspect such installations where such certificates are obtained by the Bidder, only if the Bidder facilitates necessary inspection of such installation by the purchaser. The subsidiaries/group companies will submit an undertaking for extending necessary support/expertise to the bidder for execution of the project. NLCIL reserves the right to verify the credentials submitted by the bidders. However, cost pertaining to the purchaser's personnel for such inspection shall be borne by the purchaser.
- 4.4 NLCIL reserves the right to inspect the plant(s) referred to by the bidders as well as the original documents submitted in support of their claim to assess its veracity.
- 4.5 The bidder shall furnish major legal cases and their statutory liabilities if any.
- 4.6 The bidder shall also possess a valid certificate of registration under GST and the same should be furnished along with tender documents.
- 4.7 The bidder should have (obtained / holder of) the Permanent Account Number (PAN) under the Income Tax Act and production of the documents relating to same are mandatory. To ensure that the bidder is not a defaulter in payment of income tax as evidenced by income tax assessment records for four consecutive years prior to bidding, it is mandatory for the bidder to provide the self-attested printout of the online IT Statement indicating zero tax liabilities for four consecutive years prior to bidding along with the tender documents. NLCIL reserves the right to send the same to the income tax department for verification. (In this regard, the bidder can seek the help of the auditor in case of any doubt or otherwise.).





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- 4.8 In case of participation by the Bidder with Group Company or Holding Company or Subsidiary Company as the case may be, the above clauses (4.5), (4.6) and (4.7) shall be applicable to the partners also.
- 4.9 The Project Consultant for this tender shall not be a Bidder for same tender. If a bidder from a Group of Company /Subsidiary company /Holding Company is the Project Consultant for this tender, any bidder from the same group of company cannot be a bidder for the same tender.
- 4.10 If the Bids submitted by both the Main contractor and Sub contractor claiming the same experience, then the bid submitted by the Main Contractor alone shall be considered for further evaluation and the bid submitted by the Sub-Contractor shall be rejected.
- 4.11 In case, if a bidder meets the technical QR but could not furnish his / their audited financial statement of three consecutive financial years preceding the last financial year for evaluating the average Annual turnover, due to the incorporation / formation of the bidder, with in a period of less than 3 years from the original scheduled date of tender opening, then, such bidder shall also be considered and the Average annual turnover of such bidder shall be arrived at as below:
- 4.11.1 If the bidder furnished audited financial statement (Profit & Loss Account and Balance Sheet) for the last financial year only, then such bidder's average Annual turnover shall be arrived at by dividing the Turnover of the last financial year by three.
- 4.11.2 If the bidder furnished audited financial statement (Profit & Loss Account and Balance Sheet) for the last two financial years only, then the bidder's average Annual turnover shall be arrived at by dividing the sum of Turnover of last two financial years by three.
- 4.11.3 In cases, where audited financial statement (Profit & Loss Account and Balance Sheet) for the last financial year immediately preceding the original schedule date of Tender opening is not available, a certificate would be required from the bidder stating that the Financial statement of the bidder are under audit as on the date of tender opening. In such case, the audited financial statement of three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters.
- 5.0 **OTHER CONDITIONS:**
- (a) The bidder shall furnish the following details also along with documents.
- (i) Contracts in hand / pending jobs and their status along with value.
  - (ii) Major Legal Cases and their Statutory Liabilities.
  - (iii) Recent Orders completed for Solar project with value.
- (b) The bidder shall be solely responsible and liable for all technical management and all other services required for completing the entire scope of work detailed in the tender specification.
- (c) In case, certificate(s) submitted by the bidders is found to be a forged one/bogus one; the bidder will not only be disqualified for the tender but also would be Suspended/Banned by NLCIL.



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- (d) Notwithstanding anything stated above, the Purchaser reserves the right to verify all statements/information submitted to confirm the bidder's claim on experience and to assess the capabilities and capacity of the bidder, to perform the contract, should the circumstances warrant such verification/ assessment in the overall interest of NLCIL.
- (e) NLCIL reserves the right to reject any or all bids or cancel/withdraw the Invitation for bids without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.

**6.0 PUBLIC PROCUREMENT POLICY (MAKE IN INDIA):**

6.1. The bidder shall take note of the following as per Department for Promotion of Industry and Internal Trade (formerly, Department of Industry Policy and Promotion), Ministry of Commerce and Industry, Government of India, Public Procurement (Preference to Make in India) Order 2017 – Revision: Dt: 16.09.2020 and further revisions, if any and confirm compliance to the requirements in this regard.

**6.2. DEFINITIONS:**

- (i) 'Local content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
- (ii) 'Class -I local supplier', means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum local content as prescribed for 'Class-I local supplier' under order dt. 16.09.2020.
- (iii) 'Class-II local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum local content as prescribed for 'Class-II local supplier' but less than that prescribed for 'Class-I local supplier' under order dt. 16.09.2020.
- (iv) 'Non-Local Supplier' means a supplier or service provider whose goods, services or works offered for procurement has local content less than that prescribed for 'Class-II local supplier' under order dt. 16.09.2020.
- (v) Minimum local content: The 'Local Content' requirement to categorize a supplier as 'Class-I Local Supplier' is equal or more than 50%. For 'Class – II Local Supplier', the 'Local Content' requirement is equal or more than 20%. 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 – I local supplier / Class – II local supplier respectively.
- (vi) 'RL1' means the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjusted in the evaluation process as per the tender or other procurement solicitation.
- (vii) 'Margin of purchase preference' means the maximum extent to which the price quoted by a 'Class-I local supplier' may be above the RL1 for the purpose of purchase preference.