

No. 48-15/21/2025 - NRE

Government of India

Ministry of Power

(NRE Section)

Shram Shakti Bhawan,
Rafi Marg, New Delhi – 110001
Dated the 24th December, 2025

To,

1. Principal Secretaries (Energy) to the Governments of Rajasthan, Gujarat, Maharashtra, Tamil Nadu, Karnataka, Andhra Pradesh, Madhya Pradesh, Telangana, Uttar Pradesh, Haryana, Kerala, Punjab, Chhattisgarh, Odisha and Uttarakhand
2. CMD, NTPC

Subject: Public Procurement (Preference to Make in India) to provide for Purchase Preference (linked with local content) in respect of implementation of Battery Energy Storage System (BESS) under VGF Scheme supported through PSDF- reg.

Sir/Madam,

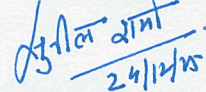
I am directed to refer to the letters received from States requesting for an exemption from the Public Procurement (Preference to Make in India) Order for the implementation of BESS capacity under the Viability Gap Funding (VGF) Scheme, supported through Power System Development Fund (PSDF).

2. Some beneficiary States have stated that, during the meeting of the PSDF Techno-Economic Sub-Group (TSEG), they were advised to approach the Ministry of Power for seeking exemption from the PPP-MII Order.

3. As per the Public Procurement (Preference to Make in India) Orders issued by DPIIT and the Ministry of Power Order No. A-1/2021-FSC-Part (5) dated 16.11.2021, certain power sector items with adequate domestic manufacturing capacity and competition have been notified for procurement exclusively from Class-I local suppliers. Battery Energy Storage System (BESS) is presently not included in the notified list. However, where an item has not been notified by the nodal Ministry/Department, both Class-I and Class-II local suppliers are eligible to participate in the procurement process.

4. Further, as per the amendment to the VGF Guidelines issued on 04.08.2025, the Ministry of Power has mandated indigenous development of the Energy Management System (EMS) application software for all BESS capacity implemented under the Scheme.
5. In view of the above, for the purpose of disbursement of funds under the Power System Development Fund (PSDF) Guidelines, States and procuring entities shall ensure a minimum local content of 20% of the total project cost in BESS procurements under the VGF Scheme. This minimum local content requirement shall include, *inter-alia*, the indigenously developed EMS application software.
6. In cases where tenders have already been invited without specific mention of local content, States may obtain an undertaking from the bidders to meet the aforementioned local content requirement and proceed with the award of contract accordingly.
7. This issues with the approval of competent authority.

Yours faithfully


24/12/25

(Sunil Kumar Sharma)

Director (NRE/RCM)

Email: sunil.sharma24@gov.in

Encl:

1. DPIIT's Revised Public Procurement (Preference to Make in India) Order dated 19.07.2024.
2. Ministry of Power Order No. A-1/2021-FSC-Part (5) dated 16.11.2021 with enclosure.

Copy for information to

1. Sr.PPS to Secretary (Power), Ministry of Power
2. Sr.PPS to Additional Secretary (R&R/ Trans.), Ministry of Power
3. PSO to CE (R&R)/ PA to Director (NRE), Ministry of Power
4. SA to Chairperson CEA
5. CMD Grid India.

F.No. 48-15/7/2025-NRE Section
Government of India
Ministry of Power
(NRE Section)

Shram Shakti Bhawan, Rafi Marg
New Delhi-110001,

Dated the 22nd September, 2025

To,

The Principal Secretaries (Energy) of the Government of Rajasthan, Gujarat, Maharashtra, Tamil Nadu, Karnataka, Andhra Pradesh, Madhya Pradesh, Telangana, Uttar Pradesh, Haryana, Kerala, Punjab, Chhattisgarh, Odisha and Uttarakhand.

Subject: Amendment in Guidelines for Viability Gap Funding for development of Battery Energy Storage System (BESS) funded through PSDF -regarding

Sir,

I am directed to invite reference to the Guidelines for Viability Gap Funding for development of Battery Energy Storage Systems supported through Power System Development Fund (PSDF) dated 09.06.2025 and to convey that the following amendments are made to the Guidelines.

2. A new clause 2.3A is hereby inserted in the said guidelines, after Clause 2.3 (Commissioning Period), which is as under:

“2.3(A) Financial Closure: The BESS Developer shall attain Financial Closure within 6 months from the date of signing of BESPA.”

3. Clause 3.8 of the Guidelines is amended as under:

3.8. Bank Guarantee: The Eligible Entities / REIAs shall be required to obtain a Bank Guarantee (BG) or Insurance Surety Bond (ISB) of the value equal to the VGF to be disbursed, prior to its release to the developer, as specified in the RfS. This BG / ISB shall be liable for encashment to recover the VGF amount in the event of non-fulfilment of the scheme conditions specified in the Bidding Documents. The BG/ ISB for VGF sanctioned up to COD shall be released within one year of COD. No BG/ ISB is required against the disbursement of the last tranche of VGF post completion of one year

of operation.

4. This issues with the approval of competent authority.

Yours faithfully,

(Vishal Kumar)

Under Secretary to the Government of India,
Email: usnre-mop@gov.in.

Copy for information to

1. Chairperson, CEA
2. CMD, Grid India
3. Sr.PPS to Secretary (Power)
4. Sr PPS to Addl Secretary (R&R)
5. PSO to CE (R&R)/ PA to Director (NRE), Ministry of Power

No.25-11/6/2018-PG
Government of India
Ministry of Power
Shram Shakti Bhawan, Rafi Marg, New Delhi – 110001
Tele Fax: 011-23730264

Dated 02/07/2020

ORDER

Power Supply System is a sensitive and critical infrastructure that supports not only our **national defence, vital emergency services** including health, disaster response, **critical national infrastructure** including classified data & communication services, defence installations and manufacturing establishments, logistics services but also the **entire economy** and the **day-to-day life** of the citizens of the country. Any danger or threat to Power Supply System can have catastrophic effects and has the potential to cripple the entire country. Therefore, the Power Sector is a **strategic and critical sector**.

The vulnerabilities in the Power Supply System & Network mainly arise out of the possibilities of cyber attacks through malware / Trojans etc. embedded in imported equipment. Hence, **to protect the security, integrity and reliability of the strategically important and critical Power Supply System & Network** in the country, the following directions are hereby issued :-

(1) All equipment, components, and parts imported for use in the Power Supply System and Network shall be tested in the country to check for any kind of embedded malware/trojans/cyber threat and for adherence to Indian Standards.

(2) All such testings shall be done in certified laboratories that will be designated by the Ministry of Power (MoP).

(3) Any import of equipment/components/parts from "prior reference" countries as specified or by persons owned by, controlled by, or subject to the jurisdiction or the directions of these "prior reference" countries will require prior permission of the Government of India

(4) Where the equipment/components/parts are imported from "prior reference" countries, with special permission, the protocol for testing in certified and designated laboratories shall be approved by the Ministry of Power (MoP).

This order shall apply to any item imported for end use or to be used as a component, or as a part in manufacturing, assembling of any equipment or to be used in power supply system or any activity directly or indirectly related to power supply system.

This issues with the approval of Hon'ble Minister of State for Power and New & Renewable Energy (Independent Charge).


(Goutam Ghosh)
Director
Tel: 011-23716674

To:

1. All Ministries/Departments of Government of India (As per list)
2. Secretary (Coordination), Cabinet Secretariat
3. Vice Chairman, NITI Aayog
4. Comptroller and Auditor General of India
5. Chairperson, CEA
6. CMDs of CPSEs/Chairman of DVC & BBMB/MD, EESL/DG, NPTI/DG, CPRI/DG, BEE/
7. All ASs/JSs/EA, MoP

Copy:

1. PS to Hon'ble PM, Prime Minister's Office
2. PS to Hon'ble MOS(IC) for Power and NRE
3. Sr. PPS to Secretary(Power)

No. A-1/2021-FSC-Part(5)
Government of India
Ministry of Power

Shram Shakti Bhawan, New Delhi
Dated: 16th November, 2021

ORDER

Subject: Public Procurement (Preference to Make in India) to provide for Purchase Preference (linked with local content) in respect of Power Sector.

Reference: Department for Promotion of Industry and Internal Trade (DPIIT) Notification No. P-45021/2/2017-PP (BE-II) dated 16.09.2020.

The Government of India, Department for Promotion of Industry and Internal Trade (DPIIT) issued Public Procurement (Preference to Make in India), Order 2017, for encouraging 'Make in India' and promoting manufacturing and production of goods and services in India with a view to enhancing income and employment. Subsequently, DPIIT vide order No. P-45021/2/2017-PP (BE-II) dated 4th June, 2020 and further vide order dated 16th September, 2020 have issued the revised Public Procurement (Preference to Make in India) Order 2017.

2. In light of the Public Procurement (Preference to Make in India) Order 2017, this Ministry had notified purchase preference (linked with local content) for Hydro and Transmission sectors vide Order No. 11/05/2018-Coord dated 20.12.2018, for Thermal sector vide Order dated 28.12.2018 and for Distribution sector vide Order dated 17.03.2020. Further, a combined order dated 04.04.2020 was also issued in supersession of all previous orders to indicate equipment/material/components for which there was sufficient local capacity and competition and also to indicate conditions for including suitably in the tenders to be issued by the procurers. In furtherance of Para 19 of the DPIIT Notification No. P-45021/2/2017-PP(BE-II) dated 04.06.2020, Ministry of Power (MoP) issued a revised comprehensive Order dated 28.07.2020 (Annexure-I amended by order dated 17.09.2020).

3. DPIIT Notification No. P-45021/2/2017-PP(BE-II) dated 16.09.2020 has further revised its order dated 04.06.2020. Therefore, in supersession of all the aforementioned orders including order No.10/1/2019-St.Th. (Part-II) dated 20.03.2020 issued by this Ministry, the following has been decided:

- i. For the purpose of this order, the definitions of various terms used in the order, and provisions relating to (i) Eligibility of 'Class-I local supplier'/'Class-II local supplier'/'Non-local suppliers' for different types of procurement, (ii) purchase preference (iii) exemption to small purchases and (iv) margin of purchase preference shall be the same as in DPIIT order dated 16.09.2020, referred to above and extracts of the same is given at **Appendix**.
- ii. In procurement of all goods and services or works in respect of which there is sufficient local capacity and local competition as in **Annexure-I**, only "Class-I local supplier" shall be eligible to bid irrespective of purchase value. "Class-I local supplier" is a supplier or service provider whose goods, services or works offered for procurement meets the Minimum Local Content (MLC) as prescribed in Annexure-I of this order. "Class-II local supplier" means a



supplier, as defined by DPIIT in its Order No. P-45021/2/2017-PP (BE-II) dated 16-09-2020.

- iii. In the procurement of all goods and services or works other than those listed in Annexure-I, only "Class-I local supplier" and "Class-II local supplier" as defined in the order of this Ministry herewith shall be eligible to bid in procurement undertaken by procuring entities, except when Global Tender Enquiry has been issued. In Global tender enquiries, "Non-local suppliers" shall also be eligible to bid along with "Class-I local suppliers" and "Class-II local suppliers". In procurement of all goods, services or works not covered by sub-para 3(ii) above, and with estimated value of purchases less than Rs. 200 crores, in accordance with Rule 161(iv) of GFR, 2017, Global Tender Enquiry(GTE) shall not be issued except with the approval of the competent authority as designated by Department of Expenditure.
- iv. For the purpose of this order, 'Works' means all works as per Rule 130 of GFR- 2017, and will also include 'turnkey works', Engineering, Procurement and Construction (EPC) contracts and service contracts including System Integrator (SI) contracts.
4. The list of items, in respect of which, local capacity with sufficient competition exists as per **Annexure-I**, will be reviewed at regular intervals with a view to increase number of items in this list and also to increase the MLC for each item, wherever it is less than 100%.
5. Purchase preference shall be given to local suppliers in accordance with **para 3A** of DPIIT Order dated 16.09.2020, and extracts of the same are given at **Appendix**.
6. Further, it has been decided to constitute a committee for independent verification of self-declarations and auditor's / accountant's certificates on random basis and in the case of complaints. The composition of the committee is given below:

Member (Planning), Central Electricity Authority (CEA)	Chairperson
Chief Engineer (PSETD), CEA	Member
Chief Engineer (HETD), CEA	Member
Chief Engineer (TETD), CEA	Member
Chief Engineer (DP&R), CEA	Member
As may be co-opted by CEA	External Expert
Chief Engineer (R&D), CEA	Convener

7. Further, it has also been decided to constitute a committee to examine the grievances in consultation with stakeholders and recommend appropriate actions to the Competent Authority in MoP. The composition of the Committee is given below:

Chairperson, CEA	Chairperson
Member (Hydro), CEA	Member



Member (Power System), CEA	Member
Member (Thermal), CEA	Convener

8. The complaint fee of Rs. 2 Lakhs or 1% of the value of the local item being procured (subject to maximum of Rs. 5 Lakhs), whichever is higher, shall be paid in the form of Demand Draft, drawn in favour of **PAO, CEA, New Delhi**. In case the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, the deposited fee of the complainant would be refunded without any interest.

9. All other conditions, not stipulated in this order, shall be as laid down in the DPIIT's order No. P-45021/2/2017-PP (BE-II) dated 16.09.2020.

10. This order shall be applicable in respect of the procurement made by all attached or subordinate offices or autonomous bodies under the Government of India including Government Companies as defined in the Companies Act, and /or the States and Local Bodies making procurement under all Central Schemes/ Central Sector Schemes where the Scheme is fully or partially funded by the Government of India. The aforesaid orders shall also be applicable in respect of projects wherein funding of goods, services or works is by Power Finance Corporation (PFC) /Rural Electrification Corporation (REC) and any Financial Institution in which Government of India/ State Government share exists. This order shall be applicable to Tariff Based Competitive Bidding (TBCB) projects also. Procuring entities as defined in the DPIIT's Order dated 16.09.2020 are advised to revise their tender documents to fully comply with the said DPIIT's Order and the subsequent Orders that would be issued in this regard by DPIIT/ this Ministry from time to time.

11. All tenders for procurement by Central Government Agencies or the States and Local Bodies, as the case may be, have to be certified for compliance of the Public Procurement (Preference to Make in India) 'PPP-MII' Order by the concerned procurement officer of the Government Organization before uploading the same on the portal.

12. Exemption from meeting the stipulated local content is allowed as per clause 13 and 13A of PPP-MII Order dated 16.09.2020, if the manufacturer declares that the item is manufactured in India under a License from a foreign Manufacturer who holds Intellectual Property Rights (IPRs) and there is Transfer of Technology (ToT) with phasing to increase Minimum Local Content. For such items, if any CPSE under the administration of Ministry of Power requests exemption for any item, it shall be considered by Ministry of Power, on case to case basis.

13. In order to further encourage Make in India initiatives and promote manufacturing and production of goods and services in India, general guidelines as enclosed at **Annexure-II** may be adopted in an appropriate manner according to the circumstances by the procuring entities in their tendering process.

14. The procurers may specify the higher values of MLC than those specified in this Order in respect of goods, services or works covered in their tenders and award the weightage to the product of higher MLC for which they have to specify the criteria beforehand in their tender. The values given in Annexure-I are the minimum prescribed values for becoming a class-I local supplier for the products indicated therein.

15. This issues with the approval of Hon'ble Minister for Power and New & Renewable Energy.



(S. Majumdar)

Under Secretary to the Government of India
Tele No. 011- 23356938

To:

1. Secretary to Government of India (All Ministries/ Departments of Government of India) (As per list)
2. Secretary (Coordination), Cabinet Secretariat
3. CEO, NITI Aayog
4. Chief Secretaries of all States/ UTs
5. Comptroller and Auditor General of India
6. Secretary, DPIIT, Chairman of Standing Committee for implementation of Public Procurement Order, 2017
7. Director General, Bureau of Indian Standards (BIS)
8. Joint Secretary, DPIIT, Member-Convener of Standing Committee for implementation of Public Procurement Order, 2017
9. Chairperson, CEA
10. CMDs of CPSEs, CMD NLC, Chairman of DVC/ BBMB/ EESL, DGs of BEE/ CPRI/ NPTI
11. All Additional Secretaries/ JSs/ EA/ CE, Ministry of Power

Copy to:

Director (Technical), NIC with a request to publish the Order on the website of Ministry of Power

	<p style="text-align: right;"><u>APPENDIX</u></p> <p><u>Extracts of important provisions contained in DPIIT Order No. P-45021/2/2017-PP (BE-II) dated 16-09-2020</u></p> <p>1. Definitions (Para 2 of DPIIT order):</p> <p>'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.</p> <p>'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 this Order.</p> <p>'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 this Order.</p> <p>'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 this Order.</p> <p>'L1' means the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.</p> <p>'Margin of purchase preference' means the maximum extent to which the price quoted by a 'Class-I local supplier' may be above the L1 for the purpose of purchase preference.</p> <p>'Nodal Ministry' means the Ministry or Department identified pursuant to this order in respect of a particular item of goods or services or works.</p> <p>'Procuring entity' means a Ministry or department or attached or subordinate office of, or autonomous body controlled by, the Government of India and includes Government companies as defined in the Companies Act.</p> <p>'Works' means all works as per Rule 130 of GFR- 2017, and will also include 'turnkey works'.</p> <p>2. Eligibility of 'Class-I local supplier'/ 'Class-II local supplier'/ 'Non-local suppliers' for different types of procurement (Para 3 of DPIIT order)</p> <p>(a) In procurement of all goods, services or works in respect of which the Nodal Ministry / Department has communicated that there is sufficient local capacity and local competition, only 'Class-I local supplier', as defined under the Order, shall be eligible to bid irrespective of purchase value.</p> <p>(b) Only 'Class-I local supplier' and 'Class-II local supplier', as defined under the Order, shall be eligible to bid in procurements undertaken by procuring entities, except when Global tender enquiry has been issued. In global tender enquiries, 'Non-local suppliers' shall also be eligible to bid along with 'Class-I local suppliers' and 'Class-II local suppliers'. In procurement of all goods, services or works, not covered by 3(a) above, and with estimated value of purchases less than Rs 200 crores, in accordance with Rule 161(iv) of GFR, 2017 Global tender enquiry shall not</p>

be issued except with the approval of competent authority as designated by Department of Expenditure.

(c) For the purpose of this Order, works includes Engineering, Procurement and Construction (EPC) contracts and services include System Integrator (SI) contracts.

3. Purchase Preference (Para 3A of DPIIT order)

(a) Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to 'Class-I local supplier' in procurements undertaken by procuring entities in the manner specified here under.

(b) In the procurements of goods or works, which are covered by para 3(b) of DPIIT Order No. P-45021/2/2017-PP(BE-II) dated 16-09-2021 and which are divisible in nature, the "Class-I local supplier" shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract for full quantity will be awarded to L1.
- ii. If L1 bid is not a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.

(c) In the procurements of goods or works, which are covered by para 3(b) of DPIIT Order No. P-45021/2/2017-PP(BE-II) dated 16-09-2021 and which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- iii. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1,
- iv. If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
- v. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

(d) "Class-II local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

	<p>4. Applicability in tenders where contract is to be awarded to multiple bidders (<i>Para 3B of DPIIT order</i>)-</p> <p>In tenders where contract is to be awarded to multiple bidders subject to matching of L1 rates or otherwise, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:</p> <p>a) In case there is sufficient local capacity and competition for the items to be procured, as notified by the Nodal Ministry, only 'Class-I local supplier' shall be eligible to bid. As such, the multiple supplier who would be awarded the contract, should be all and only 'Class-I local suppliers'.</p> <p>b) In other cases, 'Class-II local suppliers' and 'Non-Local suppliers' may also participate in the bidding process along with 'Class-I local supplier' as per provisions of this order.</p> <p>c) If 'Class-I local supplier' qualify for award of contract for at least 50% of the tendered quantity in any tender, the contract may be awarded to all the qualified bidders as per award criteria stipulated in the bid documents. However, in case 'Class-I local supplier' do not qualify for award of the contract for at least 50% of the tendered quantity, purchase preference should be given to the 'Class-I local supplier' over 'Class-II local supplier'/'Non-local suppliers' provided that their quoted rate falls within 20% margin of purchase preference of the highest quoted bidder considered for award of contract so as to ensure that the 'Class-I local suppliers' taken in totality or considered for award of contract for at least 50% of the tendered quantity.</p> <p>d) First purchase preference has to be given to the lowest quoting 'Class-I local supplier', whose quoted rates fall within 20% margin of purchase preference subject to its meeting the prescribed criteria for award of contract as also the constraints of maximum quantity that can be sourced from any single supplier. If the lowest quoting 'Class-I local supplier', does not qualify for purchase preference because of aforesaid constraints or does not accept the offered quantity, an opportunity may be given to next higher 'Class-I local supplier' falling within 20% margin of purchase preference, and so on.</p> <p>e) To avoid any ambiguity during bid evaluation process, the procuring entities may stipulate its own tender specific criteria for award of contract amongst different bidders including the procedure for purchase preference to 'Class-I local supplier' within the broad policy guidelines stipulate in sub-paras above.</p> <p>5. Exemption of small purchases (<i>Para 4 in DPIIT order</i>): Procurements where the estimated value to be procured is less than Rs. 5 lakhs shall be exempt from this Order. However, it shall be ensured by procuring entities that procurement is not split for the purpose of avoiding the provisions of this Order.</p> <p>6. Minimum Local Content (<i>Para 5 in DPIIT order</i>): The 'local content' requirement 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-I local supplier'/'Class-II local supplier'. For the item 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.</p>		

	<p>7. Vide DPIIT OM No. P-45021/102/2019-BE-II Part(1) (E-50310) dated 4.03.2021 services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. shall not be considered as local value addition. Bidders offering imported products will fall under the category of Non- local suppliers. They can't claim themselves as Class-I local suppliers/Class-II local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.</p> <p>8. Margin of Purchase Preference (Para 6 of DPIIT order): The margin of purchase preference shall be 20%.</p> <p>9. Specifications in Tenders and other procurement solicitations (Para 10 of DPIIT order):</p> <ol style="list-style-type: none"> Every procuring entity shall ensure that the eligibility conditions in respect of previous experience fixed in any tender or solicitation do not require proof of supply in other countries or proof of exports. Procuring entities shall endeavour to see that eligibility conditions, including on matters like turnover, production capability and financial strength do not result in unreasonable exclusion of 'Class-I local supplier' / 'Class-II local supplier' who would otherwise be eligible, beyond what is essential for ensuring quality or creditworthiness of the supplier. Procuring entities shall, within 2 months of the issue of this Order review all existing eligibility norms and conditions with reference to sub-paragraphs 'a' and 'b' above. Reciprocity Clause: <ol style="list-style-type: none"> When a Nodal Ministry/Department identifies that Indian suppliers of an item are not allowed to participate and/ or compete in procurement by any foreign government, due to restrictive tender conditions which have direct or indirect effect of barring Indian companies such as registration in the procuring country, execution of projects of specific value in the procuring country etc. it shall provide such details to all its procuring entities including CMDs/CEOs of PSEs/PSUs, State Governments and other procurement agencies under their administrative control and GeM for appropriate reciprocal action. Entities of countries which have been identified by the nodal Ministry/Department as not allowing Indian companies to participate in their Government procurement for any item related to that nodal Ministry shall not be allowed to participate in Government procurement in India for all the items related to that nodal Ministry/Department, except for the list of items published by the Ministry/Department permitting their participation. The stipulation in (ii) above shall be part of all tenders invited by the Central Government procuring entities stated in (i) above. All purchase on GeM shall also necessarily have the above provisions for items identified by nodal Ministry/Department. State Governments should be encouraged to incorporate similar provisions in their respective tenders. The term 'entity' of a country shall have the same meaning as under the FDI Policy of DPIIT as amended from time to time. Specifying foreign certification/ unreasonable technical specifications/ brands/ models in the bid document is restrictive and discriminatory practice against local

	<p>suppliers. If foreign certification is required to be stipulated because of non-availability of Indian Standards and/ or for any other reason, the same shall be done only after written approval of Secretary of Department concerned or any other authority having been designated such power by the Secretary of the Department concerned.</p> <p>f. "All administrative Ministries/Departments whose procurement exceeds Rs. 1000 Crore per annum shall notify/ update their procurement projections every year, including those of PSEs/PSUs, for the next 5 years on their respective website."</p>		

LAND LEASE DEED

THIS LEASE DEED is made and executed on the ____th day of _____ 2025 at Hyderabad.

BETWEEN

Transmission Corporation of Telangana Limited (TGTRANSCO) incorporated in May 2014 under the Companies Act, 2013 as a company wholly owned by the Government of Telangana to undertake the business of transmission and wheeling of electricity in the State having its registered office at 6-3-572, VIDYUT SOUDHA, KHAIRATABAD, HYDERABAD, 500082 (hereinafter referred to as "Lessor"), represented herein by its the Chief Engineer/400kV/Vidyut Soudha/TGTRANSCO who was authorized to represent and to execute this Lease Deed for and on behalf of TGTRANSCO (which expression unless repugnant to the context or meaning thereof, includes its successors and permitted assignees) of the FIRST PART

AND

BESS Developer _____ (*name*), a Company registered under the Companies Act, 2013 and having its registered Office at (hereinafter referred to as the "Lessee"), which expression unless repugnant to the context or meaning thereof, includes its successors and permitted assignees of the SECOND PART.

WHEREAS the Lessor is the lawful owner of the land described in Schedule-A written hereunder (hereinafter referred to as the 'Land') below and the Lessee desires to lease the said land for the purpose of setting up a pilot project of 750 MWh (187.5MW x 4 Hrs) Standalone Battery Energy Storage Systems (BESS) in Telangana as per Rfs.No.25/ HPC&HP/TGGENCO/BESS/2025-26,Dt:22.11.2025 and subsequent amendments, more specifically for a portion of land measuring 25 acres, located at Survey No.120, Meerkhanpet village, Kandukur Mandal, Ranga Reddy District of Maheshwaram 400/220 kV Substation of TGTRANSCO.

(Lessee)

(Lessor)

NOW THIS LEASE DEED WITNESSETH AND IT IS AGREED AS UNDER:-

- 1) In consideration of the rent fixed hereunder and the covenants and conditions set forth herein, the Lessor agrees to lease, and the Lessee agrees to take on lease the land and premises described in Schedule-A below for the purpose of establishing and operating the pilot project of 750 MWh standalone BESS.

2) Extent of Land

The Lessor hereby agrees to Lease to the Lessee a portion of land measuring 25 acres at Survey No.120, Meerkanpet village, Kandukur Mandal, Ranga Reddy District of Maheshwaram 400/220 kV Substation of TGTRANSCO, as more fully described in Schedule-A.

3) Lease Period

- a) This Land Lease Deed shall be for a period of 15 years with a provision for further extension on terms and conditions mutually agreed upon by both the parties in writing. In case of termination of existing BESSPA for the reasons attributable to Lessee, this Deed stands terminated automatically in accordance with the provisions of Article 9 & 10 of this Deed.

b) Survival

The expiry or termination of this Deed shall not affect any accrued rights, obligations and liabilities of the Parties under this Deed, including the right to receive penalty as per the terms of this Deed, nor shall it affect the survival of any continuing obligations for which this Deed provides, either expressly or by necessary implication, which are to survive after the Expiry Date or termination.

4) Handing over of Land

Lessor on execution of the Deed will deliver vacant possession of above mentioned land free from all encumbrances to the Lessee within 60 days from the date of signing of the BESSPA or upon payment of land lease charges to Lessor by Lessee, whichever is later.

The Lessor shall ensure that all requisite approvals and consents for the unhindered use of the Land by the Lessee for the Project are in place, prior to handover of the Land to the Lessee

5) Payment Terms and Conditions

5.1. The Lessee shall pay a sum of Rs. Twenty Five (Amount in words) per annum to Lessor towards Lease Rent i.e., @ Rs. One /- per Acre on or before 5th of April every year of the lease period. The lease rentals shall remain fixed throughout the period of lease, unless otherwise agreed upon in writing by both the parties.

5.2 The Lessee shall make all payments by Demand Draft in favour of 'the Pay officer, TGTRANSCO, Vidyut Soudha, Hyderabad, payable at SBI Vidyut Soudha (IFSC code: SBIN0021027) or through online payment under intimation to the Lessor.

(Lessee)

(Lessor)

- 5.3 The Lessee shall pay the rent on a yearly basis, even if the occupation of the premises is for less than a full year.
- 5.4. The Lessee shall deposit with Lessor a sum of Rs.75/- (Rupees Seventy Five only) towards security deposit equivalent to (3) years rent for 25 Acre i.e., Rs.75 /- and Lease Rental of Rs.25/- for one year in advance before taking possession of the schedule property.

6) Taxes and Duties

Lessee shall be responsible for payment of all Taxes & Duties from time to time arising from Lessee's utilization of leased land towards operation of the BESS

7) Penalty for Delayed Payment

If payment of yearly lease rent is delayed beyond the due date, Lessee shall pay interest at the rate of 24% per annum for the delayed period.

8) Other Terms and Conditions

- 8.1 The Lessee shall maintain the leased land in good condition and shall bear the cost of repairing any damage caused by its use. Any damage to the premises or infrastructure will be rectified at the Lessee's expense.
- 8.2 The Lessee shall not sublet or transfer the lease or part of the leased land or use the property for any purpose other than the installation and operation of BESS. In case of any unauthorized subletting, the lease shall be terminated immediately, and eviction proceedings will be initiated.
- 8.3 The Lessee shall bear all costs related to the development, installation, and operation of the Battery Energy Storage System (BESS).
- 8.4 The Lessee shall make appropriate arrangements for the protection and security of the leased land and its installed machinery, infrastructure, and any other belongings. The Lessor shall not be responsible for such security measures.
- 8.5 The Lessee shall provide the required fire-fighting arrangements as per the requirements of such installations/facilities.
- 8.6 The stamp duty and registration charges for this Lease Deed shall be borne by the Lessee.
- 8.7 The Lessee shall have the right to use the leased premises to install and operate the BESS with all necessary infrastructure, including equipment, machinery, and civil works, as required for the successful operation of the project. At the end of the lease period or any extension thereof, the Lessee shall hand over the premises in its original condition to the satisfaction of LESSOR.

(Lessee)

(Lessor)

- 8.8 The Lessee shall be permitted to engage personnel for carrying out civil & Mechanical and electrical works, including maintenance, and to allow access to the site at all times for such personnel.
- 8.9. The Lessee shall permit the authorized officials of Lessor at all times to enter upon the property as at Schedule-"A" aforesaid to view the condition and state thereof.
- 8.10. To observe and perform all the terms, covenants and conditions contained in this deed of lease to the extent and so far, as they are applicable to the schedule land as if they were incorporated in these presents and not to commit breach of or do any act contrary to any of the said terms, covenants and conditions

9. Termination

Provided always that, if there be any breach of any of the terms and conditions and covenants herein contained on the part of the Lessee, Lessor shall have the right to re-enter into the possession of the demised land or any part thereof. Provided that Lessor shall not exercise such right without serving the Lessee a notice in writing giving one month time to remedy the breach.

10. After the expiry/termination of the BESPAs, the entire land area allocated to the BESSD shall be returned to TGTRANSCO in the same condition as it was allocated within 180 days of expiry/termination of the BESPAs. If the BESSD does not vacate the allocated land area and/or does not uninstall the entire Project equipment from the designated land area upon expiry/termination of the BESPAs, TGTRANSCO shall charge the applicable market price/circle rate for the respective land parcels, as fixed by the concerned Revenue Authorities of the Government, as part of penalty on the BESSD till they hand over the land in same condition as it was allocated. On expiry/termination of BESPAs, if the BESSD fails to remove the infrastructure like, fixtures, buildings etc or fails to make payment of penalty as above, even after the notice by TGTRANSCO/TGGENCO to do so, such infrastructure, buildings, structures, etc., shall vest with the TGTRANSCO/TGGENCO and liable to be removed at the risk & cost of BESSD.

11. Dispute Resolution

11.1 Amicable Settlement

- i. Either party is entitled to raise any claim, dispute or difference of whatever nature arising under, out of or in connection with this agreement ("Dispute") by giving a written notice (Dispute notice) to the other party, which shall contain:
- a. a description of the Dispute
 - b. the grounds for such dispute; and
 - c. all written material in support of its claim.

(Lessee)

(Lessor)

- ii. The other party shall, within thirty (30) days of issue of Dispute notice under article (i), furnish:
 - a. counter –claim and defence, if any regarding the Dispute; and
 - b. all written material in support of its defences and counter claim.
- iii. Within thirty (30) days of issue of Dispute notice by any party pursuant to Article 11.1(i) if other party does not furnish a counter claim or defence under article 11.1(ii) or thirty (30) days from the date of furnishing counter claims or defence by the other party, both the parties to the dispute shall meet to resolve such dispute amicably. If the parties fail to resolve the Dispute amicably within (30) days from the later dates mentioned in 11.1(iii), the dispute shall be referred for dispute resolution in accordance with Article 11.2

11.2 Dispute resolution by the Appropriate Forum of Law

In the event that the parties are unable to resolve any dispute, controversy or claim relating to or arising under this Agreement, as stated above, the same shall be referred to the appropriate Forum of Law, such Dispute shall be submitted to adjudication of the appropriate Forum of Law

11.3 Dispute resolution through Sole Arbitrator

If any dispute, controversy or claim relating to or arising under this Agreement, and not covered in Article.11.2 , such Dispute shall be referred to the Sole Arbitrator i.e., Principal Secretary to Government, Energy Department, Government of Telangana and the award passed shall be binding on both the parties. The place of Arbitration shall be Hyderabad.

11.4 Dispute resolution by the Court of Law

Any legal proceedings in respect of any matters, claims or disputes under this agreement/deed shall be under the jurisdiction of appropriate courts situated at Hyderabad.

12. Governing Law

This Deed/Agreement shall be governed by and construed in accordance with the Law of India and State of Telangana, as applicable.

13. Amendments

Neither this Agreement nor any term, covenant, condition or other provisions hereof may be waived, amended, varied, modified, supplemented, discharged or terminated except by an instrument in writing, signed by a duly authorized officer on behalf of each of the Parties.

14. This Lease Deed has been executed in two original copies, one for the Lessor and one for the Lessee.

(Lessee)

(Lessor)

SCHEDULE-‘A’ OF PROPERTY

All that premises admeasuring 25 acres of land at the project premises of Maheshwaram lands in located at Survey No.120, Meerkhanpet village, Kandukur Mandal, Ranga Reddy District of Maheshwaram 400/220 kV Substation of TGTRANSCO with in the Coordinates _____ as per the annexure enclosed.

IN WITNESS WHEREOF, the parties have executed this Lease Deed on the day, month, and year first written above in the presence of the following witnesses:

WITNESSES :

1. _____

2. _____

For the LESSEE:

(Name and Designation)

For the LESSOR:

(Name and Designation)

Annexure-I

Sl. No.	Electrical Equipment for Generation, Transmission and Distribution sectors with sufficient local capacity and competition	Class-I Local Supplier (Minimum Local Content (%))
(A) Common items for Transmission, Distribution and Generation Sector		
1	Power Transformers (up to 765 kV, including Generator transformers)	60
2	Instrument Transformer (up to 765 kV)	60
3	Transformer Oil Dry Out System (TODOS)	60
4	Reactors up to 765 kV	60
5	Oil Impregnated Bushing (up to 400 kV)	60
6	Resin Insulated Paper (RIP) bushings (up to 145 kV)	50
7	Circuit Breakers (up to 765 kV AC - Alternating Current)	60
8	Disconnectors/Isolators (up to 765 kV AC)	60
9	Wave trap (up to 765 kV AC)	60
10	Oil Filled Distribution Transformers up to & including 33 kV [Cold Rolled Grain Oriented (CRGO)/Amorphous, Aluminium/Copper wound]	60
11	Dry Type Distribution Transformer upto and including 33 kV (CRGO/Amorphous, Aluminium/Copper wound)	60
12	Conventional Conductor	60
13	Accessories for Conventional conductors	60
14	High Temperature/High Temperature Low Sag (HTLS) conductors (such as Composite core, GAP, ACSS, INVAR, AL59) and Accessories	60
15	Optical ground wire (OPGW) – all designs	60
16	Fiber Optic Terminal Equipment (FOTE) for OPGW	50
17	OPGW related Hardware and Accessories	60
18	Remote Terminal Unit (RTU)	50
19	Power Cables and accessories up to 33 kV	60
20	Control cables including accessories	60
21	XLPE Cables up to 220 kV	60
22	Substation Structures	60
23	Transmission Line Towers	60
24	Porcelain (Disc/Long Rod) Insulators	60
25	Bus Post Insulators (Porcelain)	60
26	Porcelain Disc Insulators with Room Temperature Vulcanisation (RTV) coating	50
27	Porcelain Longrod Insulators with Room Temperature Vulcanisation (RTV) coating	50
28	Hardware Fittings for Porcelain Insulators	60
29	Composite/Polymeric Long Rod Insulators	60
30	Hardware Fittings for Polymer Insulators	60
31	Bird Flight Diverter (BFD)	60
32	Power Line Carrier Communication (PLCC) System (up to 800 kV)	60
33	Gas Insulated Switchgear (up to 400 kV AC)	60
34	Gas Insulated Switchgear (above 400 kV AC)	50
35	Surge/Lightning Arrester (up to 765 kV AC)	60
36	Power Capacitors	60
37	Packaged Sub-station (6.6 kV to 33 kV)	60
38	Ring Main Unit (RMU) (up to 33 kV)	60
39	Medium Voltage (MV) GIS Panels (up to 33 kV)	60
40	Automation and Control System/Supervisory Control and data Acquisition (SCADA) System in Power System	50
41	Control and Relay Panel (including Digital/Numerical Relays)	50
42	Electrical Motors 0.37 kW to 1 MW	60
43	Energy Meters excluding smart meters	50
44	Control & power cables and Accessories (up to 1.1 kV)	60
45	Diesel Generating (DG) set	60

	<table><tr><th>Sl. No.</th><th>Electrical Equipment for Generation, Transmission and Distribution sectors with sufficient local capacity and competition</th><th>Class-I Local Supplier (Minimum Local Content (%))</th></tr><tr><td></td><td>Electro-Static Precipitators (ESPs)</td><td></td></tr><tr><td>92</td><td>Casing</td><td>60</td></tr><tr><td>93</td><td>Electrodes</td><td>60</td></tr><tr><td>94</td><td>Rapping System</td><td>60</td></tr><tr><td>95</td><td>Hopper Heaters</td><td>60</td></tr><tr><td>96</td><td>Transformer Rectifiers</td><td>60</td></tr><tr><td>97</td><td>Insulators</td><td>60</td></tr><tr><td></td><td>Turbine & Auxiliaries</td><td></td></tr><tr><td>98</td><td>Turbine (High Pressure/Intermediate Pressure/Low Pressure)</td><td>50</td></tr><tr><td>99</td><td>Condensate Extraction Pumps</td><td>60</td></tr><tr><td>100</td><td>Condenser On line Tube Cleaning System (COLTC)</td><td>60</td></tr><tr><td>101</td><td>Debris filters</td><td>60</td></tr><tr><td>102</td><td>Deaerator</td><td>60</td></tr><tr><td>103</td><td>Drain Cooler and Flash Tank</td><td>60</td></tr><tr><td>104</td><td>ECW Pump</td><td>50</td></tr><tr><td>105</td><td>Plate Heat Exchanger</td><td>50</td></tr><tr><td>106</td><td>Self- cleaning filters</td><td>50</td></tr><tr><td>107</td><td>Condensate Polishing Units (CPUs)</td><td>60</td></tr><tr><td>108</td><td>Chemical Dosing System</td><td>60</td></tr><tr><td>109</td><td>Oil Filter</td><td>60</td></tr><tr><td>110</td><td>Gland Steam Condenser</td><td>60</td></tr><tr><td>111</td><td>Oil Purifying Centrifuge</td><td>50</td></tr><tr><td>112</td><td>Water Cooled Condenser</td><td>50</td></tr><tr><td>113</td><td>Boiler Feed Pumps (BFPs)</td><td>50</td></tr><tr><td></td><td>Generator and Auxilleries</td><td></td></tr><tr><td>114</td><td>Generator (including Seal Oil System, Hydrogen Cooling System, Stator water cooling system)</td><td>60</td></tr><tr><td></td><td>Electrical Works</td><td></td></tr><tr><td>115</td><td>Control and metering equipment</td><td>60</td></tr><tr><td></td><td>Control & Instrumentation System (C&I System)</td><td></td></tr><tr><td>116</td><td>Thermocouples</td><td>50</td></tr><tr><td>117</td><td>Measuring instruments [Resistance Temperature Detectors (RTDs)], Local gauges</td><td>50</td></tr><tr><td>118</td><td>Actuators (Pneumatic and conventional electric)</td><td>50</td></tr><tr><td>119</td><td>Interplant Communication/ Public Address (PA) system except IP based</td><td>50</td></tr><tr><td></td><td>Coal Handling Plant</td><td></td></tr><tr><td>120</td><td>Conveyors</td><td>60</td></tr><tr><td>121</td><td>Wagon Tippler</td><td>60</td></tr><tr><td>122</td><td>Side Arm Charger</td><td>60</td></tr><tr><td>123</td><td>Paddle feeder</td><td>60</td></tr><tr><td>124</td><td>Crushers & Screens</td><td>60</td></tr><tr><td>125</td><td>Dust suppression (dry fog & plain water) system</td><td>60</td></tr><tr><td>126</td><td>Air Compressors</td><td>50</td></tr><tr><td>127</td><td>Magnetic separators & metal detectors</td><td>50</td></tr><tr><td>128</td><td>Coal Sampling System</td><td>60</td></tr><tr><td>129</td><td>Stacker cum reclaimer</td><td>60</td></tr><tr><td>130</td><td>Belt weighing & monitoring system</td><td>60</td></tr><tr><td>131</td><td>Wheel & axle assembly (without bearings) for Bottom Opening Bottom Release (BOBR) Wagons</td><td>60</td></tr><tr><td></td><td>Ash Handling System</td><td></td></tr><tr><td>132</td><td>Clinker grinder</td><td>60</td></tr><tr><td>133</td><td>Water jet ejectors</td><td>60</td></tr><tr><td>134</td><td>Scraper chain conveyor</td><td>60</td></tr><tr><td>135</td><td>Dry fly ash vacuum extraction system</td><td>60</td></tr><tr><td>136</td><td>Pressure pneumatic conveying system</td><td>60</td></tr></table>	Sl. 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183	Fire tenders	60
184	Portable fire-extinguishers	60
185	Cranes, EOT cranes, gantry crane & chain pulley blocks etc.	60
186	Elevator	60

(E) Minimum Local Content percentages in Engineering, Procurement & Construction (EPC) / Turnkey project

In case the contract is awarded through the EPC route, the contractor should comply with the requirement of MLC for individual items as listed in Annexure-I and should purchase these items only from Class-I Local supplier. In addition, MLC for complete EPC project may also be prescribed as below:

	(1) Package Based Works	Minimum Local Content (%)
1	Boiler	60
2	TG System (Water Cooled Condenser)	60
3	Ash Handling Plant	60
4	Coal Handling Plant	60
5	Electro-static Precipitator (ESP)	60
6	Circulating Water (CW) System	60
7	Cooling Tower	60
8	Water Treatment System	60
9	Air Conditioning System (below 500TR)	60
10	Flue Gas Desulphurisation (FGD) System	60
11	Station Control & Instrumentation (C&I)	50
12	Hydro Power Projects (Electro-Mechanical Works)	60
	Gas based generation	
	Overall Gas Turbine Package (on finished Product basis)	
13	< 44 MW	60
14	44 –145 MW	50
	Overall Combined Cycle Gas Turbine (CCGT) Package (on finished Product basis)	
15	< 44 MW	60
16	44 – 145 MW	60
17	> 150 MW	60
	(2) Project as a whole	
1	Works and service contracts in Power Sector	60
2	Transmission Line with Conventional conductors (ACSR, AAAC, AL-59 etc.)	60
3	Transmission Line with High temperature Low Sag (HTLS) conductors	60
4	HVAC Substation Air Insulated (AIS)	60
5	HVAC Substation Gas Insulated (GIS)	60
6	HVDC Substation	60
7	Distribution Sector	60

	<p style="text-align: right;">Annexure-II</p> <p>General guidelines to be adopted selectively in an appropriate manner by the procuring entities in their tender documents.</p> <ol style="list-style-type: none"> 1. The bidder shall have to be an entity registered in India in accordance with law. 2. The bids shall be in the language as prescribed by the tenderer/procurer. 3. The bids shall be in Indian Rupees (INR) (in respect of local content only). 4. Indian subsidiaries of foreign bidders shall have to meet the qualifying criteria in terms of capability, competency, financial position, past performance etc. 5. The bidder shall follow Indian laws, regulations and standards. 6. To be eligible for participation in the bid, foreign bidders shall compulsorily set up their manufacturing units on a long term basis in India as may be specified by the tenderer/ procurer. 7. Similar or better technology than the technology offered in respect of material, equipment and process involved shall be transferred to India. Along with the transfer of technology, adequate training in the respective field shall also be provided. 8. Country of origin of the equipment/material shall be provided in the bid. 9. For supply of equipment / material from the country of origin other than India, the bidder shall submit performance certificate in support of satisfactory operation in India or a country other than the country of origin having climatic and operational conditions including ambient temperature similar to that of India for more than _____ years (to be specified by the procurer). 10. The technologies/ products offered shall be environmental friendly, consuming less energy, safe, energy efficient, durable and long lasting under the prescribed operational conditions. 11. The supplier shall ensure supply of spares, materials and technological support for the entire life of the project. 12. The manufacturers/ supplier shall list out the products and components producing Toxic E-waste and other waste as may be specified. It shall have an Extended Producers Responsibility (EPR) so that after the completion of the lifecycle, the materials are safely recycled / disposed of by the Manufacturer/ supplier and for this, the Manufacturer/supplier along with procurer has to establish recycling / disposal unit or as may be specified. 13. Minimum Local Content requirement for goods, services or works shall be in accordance with the conditions laid down in respective Order(s) of the sectors on Public Procurement (Preference to Make in India) to provide for purchase preference (linked with local content). 		

14. The equipment/ material sourced from foreign companies may be tested in accredited labs in India before acceptance wherever such facilities are available.
15. The Tender fee and the Bank Guarantee (BG) shall be in Indian Rupees only.
16. The bidder shall have to furnish a certificate regarding cyber security/safety of the equipment/process to be supplied/services to be rendered as safe to connect.
17. Applicable safety requirements shall be met. Regular safety audit shall be carried out by the manufacturer/ supplier.
18. Statutory laws/regulations including the labour and environmental laws shall be strictly complied with during supply, storage, erection, commissioning and operation process. A regular compliance report shall be submitted to the procurer/appropriate Authorities.
19. Formation of new joint venture in India shall be permitted only with the Indian companies.
20. Tendering by the agent shall not be accepted.
21. In case local testing is not considered necessary by the procurer, the original test report in the language prescribed by the procurer may be accepted. The translated test report shall not be accepted unless it is notarised.
22. Certification/compliance as per the Indian Standards/ International Standards/ Indian Regulations/ specified Standards shall be mandatory, where ever applicable.
23. Quality assurance of the product shall be carried out by the procurer or an independent third party agency appointed by the procurer. Manufacturing Quality Plan as approved by the procurer shall be followed by the manufacturer/supplier.
24. Wherever required by the procurer, foreign supplier shall establish fully functional service centers in India and shall keep spares/material locally for future needs of utilities.
25. Arbitration proceedings shall be instituted in India only and all disputes shall be settled as per applicable Indian Laws.

No. P-45021/2/2017-PP (BE-II)-Part(4)Vol.II
Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
(Public Procurement Section)

Vanija Bhawan, New Delhi
Dated: 19 July, 2024

To

All Central Ministries/Departments/CPSUs/All concerned

ORDER

**Subject: Public Procurement (Preference to Make in India), Order 2017–
Revision; regarding.**

Department for Promotion of Industry and Internal Trade, In partial modification [Paras 2, 3, 5, 10 & 13] of Order No.P-45021/2/2017-B.E.-II dated 15.6.2017 as amended by Order No.P-45021/2/2017-B.E.-II dated 28.05.2018, Order No.P-45021/2/2017-B.E.-II dated 29.05.2019, Order No.P-45021/2/2017-B.E.-II dated 04.06.2020 and Order No.P-45021/2/2017-B.E.-II dated 16.09.2020 hereby issues the revised 'Public Procurement (Preference to Make in India), Order 2017" dated 19.07.2024 effective with immediate effect.

Whereas it is the policy of the Government of India to encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, and

Whereas procurement by the Government is substantial in amount and can contribute towards this policy objective, and

Whereas local content can be increased through partnerships, cooperation with local companies, establishing production units in India or Joint Ventures (JV) with Indian suppliers, increasing the participation of local employees in services and training them,

Now therefore the following Order is issued:

1. This Order is issued pursuant to Rule 153 (iii) of the General Financial Rules 2017.
2. **Definitions:** For the purposes of this Order:
'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.

Explanatory notes for calculation of local content given above

- a. Imported items sourced locally from resellers/distributors shall be excluded from calculation of local content.
- b. The license fees/royalties paid/ technical charges paid out of India shall be excluded from local content calculation.

- c. Procurement/Supply of repackaged/refurbished/rebranded imported products as understood commonly shall be treated as reselling of imported products and shall be excluded from calculation of local content. The definition of repackaged/refurbished/rebranded imported products is as follows;

'Refurbishing' means repair or reconditioning of an imported product does not amount to manufacture because no new goods come into existence.

'Repackaging' means repacking of imported goods from bulk pack to smaller packs would not ordinarily amount to manufacture of a new item.

'Rebranding' means relabeling or renaming or change in symbol or logo/makes or corporate image of a company/organization/ firm for an imported product would amount to rebranding.

- d. To ensure that imported items sourced locally from resellers/distributors are excluded from calculation of local content, procuring entities to obtain from bidders, the cost of such locally-sourced imported items (Inclusive of taxes) along with break-up on license/royalties paid/technical expertise cost etc. sourced from outside India. For items sold by bidder as reseller, OEM certificate for country of origin to be submitted.
- e. For contracts involving supply of multiple items, weighted average of all items to be taken while calculating the local content.

'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 this Order.

'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 this Order.

'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 this Order.

'L1' means the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.

'Margin of purchase preference' means the maximum extent to which the price quoted by a "Class-I local supplier" may be above the L1 for the purpose of purchase preference.

'Nodal Ministry' means the Ministry or Department identified pursuant to this order in respect of a particular item of goods or services or works.

'Procuring entity' means a Ministry or department or attached or subordinate office of, or autonomous body controlled by, the Government of India and includes Government companies as defined in the Companies Act.

'Works' means all works as per Rule 130 of GFR- 2017, and will also include 'turnkey works'.

2A. Special treatment for items covered under PLI Scheme

The manufacturers manufacturing an item under PLI scheme shall be treated as deemed Class II local supplier for that item unless they have minimum local content equal to or higher than that notified for Class-I local supplier for that item, provided the manufacturer has received incentive from the concerned PLI Ministry for the item. The above shall be applicable for the specific time period only, as notified by concerned PLI Ministry.

3. Eligibility of 'Class-I local supplier'/ 'Class-II local supplier'/ 'Non-local suppliers' for different types of procurement

(a) In procurement of all goods, services or works in respect of which the Nodal Ministry / Department has communicated that there is sufficient local capacity and local competition, only 'Class-I local supplier', as defined under the Order, shall be eligible to bid irrespective of purchase value.

(b) Only 'Class-I local supplier' and 'Class-II local supplier', as defined under the Order, shall be eligible to bid in procurement undertaken by procuring entities, except when Global tender enquiry has been issued. In global tender enquiries, 'Non-local suppliers' shall also be eligible to bid along with 'Class-I local suppliers' and 'Class-II local suppliers'. In procurement of all goods, services or works, not covered by sub-para 3(a) above, and with estimated value of purchases less than Rs. 200 Crore, in accordance with Rule 161(iv) of GFR, 2017, Global tender enquiry shall not be issued except with the approval of competent authority as designated by Department of Expenditure.

(c) For the purpose of this Order, works includes Engineering, Procurement and Construction (EPC) contracts and services include System Integrator (SI) contracts.

3.1 Mandatory sourcing of items, with sufficient local capacity and competition, from Class-I local suppliers in SI/EPC/Turnkey Contracts/Service Tenders

- a. The items, notified as having sufficient local capacity and competition, shall mandatory be sourced from Class-I local suppliers in SI/EPC/Turnkey Contracts/ Services tenders. This provision will be applicable only for those items which have been notified by the Nodal Ministry as Class I i.e. having sufficient local capacity and competition, with specific HSN codes."
- b. Notwithstanding above, if in any project, it is considered that it is not practically feasible to source such items from Class I local suppliers, it may take relaxation from such stipulation with the approval of Secretary of the administrative Ministry/ Department concerned or with the approval of the Competent Authority specified by the Administrative Ministry/Department, on case-specific basis.

3A. Purchase Preference

(a) Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to 'Class-I local supplier' in procurement undertaken by procuring entities in the manner specified here under.

(b) In the procurement of goods or works, which are covered by para 3(b)

above and which are divisible in nature, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract for full quantity will be awarded to L1.
 - ii. If L1 bid is not a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- (c) In the procurement of goods or works, which are covered by para 3(b) above and which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:
- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is Class -I local supplier', the contract will be awarded to L1.
 - ii. If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
 - iii. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.
- (d) "Class-II local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

3B. Applicability in tenders where contract is to be awarded to multiple bidders- In tenders where contract is awarded to multiple bidders subject to matching of L1 rates or otherwise, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- a. In case there is sufficient local capacity and competition for the item to be procured, as notified by the nodal Ministry, only Class I local suppliers shall be eligible to bid. As such, the multiple suppliers, who would be awarded the contract, should be all and only 'Class I Local suppliers'.
- b. In other cases, 'Class II local suppliers' and 'Non local suppliers' may also participate in the bidding process along with 'Class I Local suppliers' as per provisions of this Order.
- c. If 'Class I Local suppliers' qualify for award of contract for at least

50% of the tendered quantity in any tender, the contract may be awarded to all the qualified bidders as per award criteria stipulated in the bid documents. However, in case 'Class I Local suppliers' do not qualify for award of contract for at least 50% of the tendered quantity, purchase preference should be given to the 'Class I local supplier' over 'Class II local suppliers'/'Non local suppliers' provided that their quoted rate falls within 20% margin of purchase preference of the highest quoted bidder considered for award of contract so as to ensure that the 'Class I Local suppliers' taken in totality are considered for award of contract for at least 50% of the tendered quantity.

- d. First purchase preference has to be given to the lowest quoting 'Class-I local supplier', whose quoted rates fall within 20% margin of purchase preference, subject to its meeting the prescribed criteria for award of contract as also the constraint of maximum quantity that can be sourced from any single supplier. If the lowest quoting 'Class-I local supplier', does not qualify for purchase preference because of aforesaid constraints or does not accept the offered quantity, an opportunity may be given to next higher 'Class-I local supplier', falling within 20% margin of purchase preference, and so on.
- e. To avoid any ambiguity during bid evaluation process, the procuring entities may stipulate its own tender specific criteria for award of contract amongst different bidders including the procedure for purchase preference to 'Class-I local supplier' within the broad policy guidelines stipulated in sub- paras above.

4. **Exemption of small purchases:** Notwithstanding anything contained in paragraph 3, procurement where the estimated value to be procured is less than Rs. 5 lakhs shall be exempt from this Order. However, it shall be ensured by procuring entities that procurement is not split for the purpose of avoiding the provisions of this Order.

4A. Exemption in sourcing of spares and consumables of closed systems:

Procurement of spare parts, consumables for closed systems and Maintenance/ Service contracts with Original Equipment Manufacturer/Original Equipment Supplier/Original Part Manufacturer shall be exempted from this Order.

5. **Minimum local content:** The 'local content' requirement 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-I 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-I local supplier'/'Class-II local supplier' respectively.
6. **Margin of Purchase Preference:** The margin of purchase preference shall be 20%.
7. **Requirement for specification in advance:** The minimum local content, the margin of purchase preference and the procedure for preference to Make in India shall be specified in the notice inviting tenders or other form of procurement solicitation and shall not be varied during a particular procurement transaction.
8. **Government E-marketplace:** In respect of procurement through the Government E-marketplace (GeM) shall, as far as possible, specifically mark the items which meet the minimum local content while registering the item for

display, and shall, wherever feasible, make provision for automated comparison with purchase preference and without purchase preference and for obtaining consent of the local supplier in those cases where purchase preference is to be exercised.

9. Verification of local content:

- a. The 'Class-I local supplier'/ 'Class-II local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier'/ 'Class-II local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.
- b. In cases of procurement for a value in excess of Rs. 10 crores, the 'Class-I local supplier'/ 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
- c. The bidder shall give self-certification for local content in the quoted item (goods/works/services) at the time of tendering. However, at the time of execution of the project, for all contracts above INR 10 Crore, the contractor/ supplier shall be required to give local content certification duly certified by cost/ chartered accountant in practice. For cases where it is not possible to provide certification by Cost/Chartered Accountant at the time of execution of project, the supplier shall be permitted to provide the certificate for local content from Cost/ Chartered Accountant after completion of the contract, within time limit acceptable to the procuring entity. In case the contractor/ supplier does not meet the stipulated local content requirement and the category of the supplier changes from Class-I to Class-II/ Non-local or from Class-II to Non-local, a penalty upto 10% of the contract value may be imposed. However, contract once awarded shall not be terminated on this account.
- d. Decisions on complaints relating to implementation of this Order shall be taken by the competent authority which is empowered to look into procurement-related complaints relating to the procuring entity.
- e. Nodal Ministries may constitute committees with internal and external experts for independent verification of self-declarations and auditor's/ accountant's certificates on random basis and in the case of complaints.
- f. Nodal Ministries and procuring entities may prescribe fees for such complaints.
- g. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.
- h. A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed under paragraph 9

i below.

- i. The Department of Expenditure shall issue suitable instructions for the effective and smooth operation of this process, so that:
 - i. The fact and duration of debarment for violation of this Order by any procuring entity are promptly brought to the notice of the Member-Convenor of the Standing Committee and the Department of Expenditure through the concerned Ministry /Department or in some other manner;
 - ii. On a periodical basis such cases are consolidated and a centralized list or decentralized lists of such suppliers with the period of debarment is maintained and displayed on website(s);
 - iii. In respect of procuring entities other than the one which has carried out the debarment, the debarment takes effect prospectively from the date of uploading on the website(s) in the such a manner that ongoing procurement are not disrupted.

10. Specifications in Tenders and other procurement solicitations:

- a. Every procuring entity shall ensure that the eligibility conditions in respect of previous experience fixed in any tender or solicitation do not require proof of supply in other countries or proof of exports.
- b. Procuring entities shall endeavour to see that eligibility conditions, including on matters like turnover, production capability and financial strength do not result in unreasonable exclusion of 'Class-I local supplier'/ 'Class-II local supplier' who would otherwise be eligible, beyond what is essential for ensuring quality or creditworthiness of the supplier.
- c. Procuring entities shall, within 2 months of the issue of this Order review all existing eligibility norms and conditions with reference to sub-paragraphs 'a' and 'b' above.
- d. **Reciprocity Clause**
 - i. When a Nodal Ministry/Department identifies that Indian suppliers of an item are not allowed to participate and/ or compete in procurement by any foreign government, due to restrictive tender conditions which have direct or indirect effect of barring Indian companies such as registration in the procuring country, execution of projects of specific value in the procuring country etc., it shall provide such details to all its procuring entities including CMDs/CEOs of PSEs/PSUs, State Governments and other procurement agencies under their administrative control and GeM for appropriate reciprocal action.
 - ii. Entities of countries which have been identified by the nodal Ministry/Department as not allowing Indian companies to participate in their Government procurement for any item related to that nodal Ministry shall not be allowed to participate in Government procurement in India for all items related to that nodal Ministry/ Department, except for the list of items published by the Ministry/ Department permitting their participation.
 - iii. The stipulation in (ii) above shall be part of all tenders invited by the Central Government procuring entities stated in (i) above. All purchases on GeM shall also necessarily have the above provisions for items identified by nodal Ministry/ Department.
 - iv. State Governments should be encouraged to incorporate similar provisions in their respective tenders.
 - v. The term 'entity' of a country shall have the same meaning as under the FDI Policy of DPIIT as amended from time to time.
- e. Specifying foreign certifications/ unreasonable technical specifications/



brands/ models in the bid document is restrictive and discriminatory practice against local suppliers. If foreign certification is required to be stipulated because of non-availability of Indian Standards and/or for any other reason, the same shall be done only after written approval of Secretary of the Department concerned or any other Authority having been designated such power by the Secretary of the Department concerned.

- f. "All administrative Ministries/Departments *whose procurement exceeds Rs. 1000 Crore per annum* shall notify/update their procurement projections every year, including those of the PSEs/PSUs, for the next 5 years on their respective website."

10A. Action for non-compliance of the Provisions of the Order: In case restrictive or discriminatory conditions against domestic suppliers are included in bid documents, an inquiry shall be conducted by the Administrative Department undertaking the procurement (including procurement by any entity under its administrative control) to fix responsibility for the same. Thereafter, appropriate action, administrative or otherwise, shall be taken against erring officials of procurement entities under relevant provisions. Intimation on all such actions shall be sent to the Standing Committee.

11. **Assessment of supply base by Nodal Ministries:** The Nodal Ministry shall keep in view the domestic manufacturing / supply base and assess the available capacity and the extent of local competition while identifying items and prescribing the higher minimum local content or the manner of its calculation, with a view to avoiding cost increase from the operation of this Order.
12. **Increase in minimum local content:** The Nodal Ministry may annually review the local content requirements with a view to increasing them, subject to availability of sufficient local competition with adequate quality.
13. **Manufacture under license/ technology collaboration agreements with phased indigenization:** While notifying the minimum local content, Nodal Ministries may make special provisions for exempting suppliers from meeting the stipulated local content if the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement / transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phasing of increase in local content.

13A. In procurement of all goods, services or works in respect of which there is substantial quantity of public procurement and for which the nodal ministry has not notified that there is sufficient local capacity and local competition, the concerned nodal ministry shall notify an upper threshold value of procurement beyond which foreign companies shall enter into a joint venture with an Indian company to participate in the tender. Procuring entities, while procuring such items beyond the notified threshold value, shall prescribe in their respective tenders that foreign companies may enter into a joint venture with an Indian company to participate in the tender. The procuring Ministries/Departments shall also make special provisions for exempting such joint ventures from meeting the stipulated minimum local content requirement, which shall be increased in a phased manner.

14. **Powers to grant exemption and to reduce minimum local content:** The administrative Department undertaking the procurement (including

procurement by any entity under its administrative control), with the approval of their Minister-in-charge, may by written order, for reasons to be recorded in writing,

- a. reduce the minimum local content below the prescribed level; or
- b. reduce the margin of purchase preference below 20%; or
- c. exempt any particular item or supplying entities from the operation of this Order or any part of the Order.

The Administrative Department, while seeking exemption under this para, shall certify that such an item(s) has not been notified by Nodal Ministry/ Department concerned under para 3 (a) of the Order.

A copy of every such order shall be provided to the Standing Committee and concerned Nodal Ministry / Department. The Nodal Ministry / Department concerned will continue to have the power to vary its notification on Minimum Local Content.

15. **Directions to Government companies:** In respect of Government companies and other procuring entities not governed by the General Financial Rules, the administrative Ministry or Department shall issue policy directions requiring compliance with this Order.
16. **Standing Committee:** A standing committee is hereby constituted with the following membership:
Secretary, Department for Promotion of Industry and Internal Trade - Chairman
Secretary, Commerce—Member
Secretary, Ministry of Electronics and Information Technology—Member Joint
Secretary (Public Procurement), Department of Expenditure—Member Joint
Secretary (DPIIT)—Member-Convenor

The Secretary of the Department concerned with a particular item shall be a member in respect of issues relating to such item. The Chairman of the Committee may co-opt technical experts as relevant to any issue or class of issues under its consideration.

17. **Functions of the Standing Committee:** The Standing Committee shall meet as often as necessary, but not less than once in six months. The Committee
 - a. shall oversee the implementation of this order and issues arising therefrom, and make recommendations to Nodal Ministries and procuring entities.
 - b. shall annually assess and periodically monitor compliance with this Order
 - c. shall identify Nodal Ministries and the allocation of items among them for issue of notifications on minimum local content
 - d. may require furnishing of details or returns regarding compliance with this Order and related matters
 - e. may, during the annual review or otherwise, assess issues, if any, where it is felt that the manner of implementation of the order results in any restrictive practices, cartelization or increase in public expenditure and suggest remedial measures
 - f. may examine cases covered by paragraph 13 above relating to manufacture under license/ technology transfer agreements with a view to satisfying itself that adequate mechanisms exist for enforcement of such agreements and for attaining the underlying objective of progressive indigenization

g. may consider any other issue relating to this Order which may arise.

18. **Removal of difficulties:** Ministries /Departments and the Boards of Directors of Government companies may issue such clarifications and instructions as may be necessary for the removal of any difficulties arising in the implementation of this Order.
19. **Ministries having existing policies:** Where any Ministry or Department has its own policy for preference to local content approved by the Cabinet after 1st January 2015, such policies will prevail over the provisions of this Order. All other existing orders on preference to local content shall be reviewed by the Nodal Ministries and revised as needed to conform to this Order, within two months of the issue of this Order.
20. **Transitional provision:** This Order shall not apply to any tender or procurement for which notice inviting tender or other form of procurement solicitation has been issued before the issue of this Order.



(Himani Pande)

Additional Secretary to the Government of India

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	<div>FORMATS</div>		

2.00.00**Sub QR Data to be filled in to meet the Provenness requirements (for POWER CONVERSION SYSTEM (PCS))**

S.No.	Item Description
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1.1 Ratings (MW) of grid-interactive bidirectional PCS manufactured of cumulative installed capacity of minimum 10 MW, out of which PCS installation at one location should be of 2.5 MW capacity or higher. The reference PCS installation of 2.5 MW or higher capacity should have been successfully commissioned at least six (6) months prior to the date of techno-commercial bid opening.

1.01.00 Name & address of Manufacturer

1.02.00 Name of the plant(s) and its location(s)

1.03.00 Client(s) name and its address, Fax and Tel. No.

1.04.00 Name and designation of the responsible person in client's organization

1.05.00 Contract No. & Date

1.06.00 Date of Commissioning of the reference grid interactive grid-interactive bidirectional PCS of capacity 2.5 MW or higher (single installation)

1.07.00 In-house PCS routine testing facility certificate as per relevant standard of PCS application to BESS enclosed at Annexure.....

1.08.00 Certificate from client(s) in support of the sabove stated experience including capacity of Plant, Year & Month of Commissioning of Plant (2.5 MW or higher capacity - single installation) & descriptive scheme of the plant for which the data has been indicated is enclosed at Annexure

-
- Note :**
- 1) Certificates from the client for the successful Commissioning.
 - 2) Supporting documents/ reference data as applicable shall be submitted.

Signature of authorized signatory.....

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

3.00.00**Sub QR Data to be filled in to meet the Provenness requirements for ENGINEERING CONSULTANT/ SYSTEM INTEGRATOR**

S.No.	Item Description
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1.1 Ratings (MWh) of the grid interactive Battery energy storage system for which the bidder/its sub-vendor(s) has done System Integration of cumulative installed capacity of 20 MWh or higher, out of which at least one project should be of 5 MWh capacity or higher. The reference project of 5 MWh or higher capacity should have been successfully commissioned at least six (6) months prior to the date of techno-commercial bid opening

1.01.00 Name & address of Manufacturer

1.02.00 Name of the plant(s) and its location(s)

1.03.00 Client(s) name and its address, Fax and Tel. No.

1.04.00 Name and designation of the responsible person in client's organization

1.05.00 Contract No. & Date

1.06.00 Date of Commissioning of the reference grid interactive battery energy storage system of capacity 5 MWh or higher (single installation) which is successfully commissioned at least six months prior to the date of techno-commercial bid opening

1.07.00 Certificate from client(s) in support of the above stated experience including capacity of Plant, Year & Month of Commissioning of Plant (5 MWh or higher capacity - single installation) & descriptive scheme of the plant for which the data has been indicated is enclosed at Annexure

Note : 1) Certificates from the client for the successful commissioning.

2) Supporting documents/ reference data as applicable shall be submitted.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

4.00.00**Sub QR Data to be filled in to meet the Provenness requirements for ENERGY MANAGEMENT SYSTEM (EMS)**

S.No.	Item Description
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1.1 Ratings (MWh) of the grid interactive Battery energy storage system (BESS) for which the bidder/its sub-vendor(s) has designed/engineered and supplied Energy Management System (EMS) for grid interactive BESS of cumulative installed capacity 5 MWh or higher which should have been successfully commissioned at least six (6) months prior to the date of techno-commercial bid opening.

1.01.00 Name & address of Manufacturer

1.02.00 Name of the plant(s) and its location(s)

1.03.00 Client(s) name and its address, Fax and Tel. No.

1.04.00 Name and designation of the responsible person in client's organization

1.05.00 Contract No. & Date

1.06.00 Date of Commissioning of the reference EMS for grid interactive battery energy storage system of cumulative installed capacity 5 MWh or higher

1.07.00 Certificate from client(s) in support of the above stated experience including capacity of Plant, Year & Month of Commissioning of Plant (5 MWh or higher capacity) & descriptive scheme of the plant for which the data has been indicated is enclosed at Annexure

Note : 1) Certificates from the client for the successful commissioning.

2) Supporting documents/ reference data as applicable shall be submitted.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

Sub QR Data to be filled in to meet the Provenness requirements for 33kV HT SWITCHGEARS

S.No	Item Description	
1	No. of 33KV Switchgear panels manufactured and supplied with fault rating of at least 25kA for one (1) second and 62.5kA peak, which are in successful operation for at least two (2) years.	
1.1	Name & address of Manufacturer	
1.2	Name of the Station and its location	
1.3	Client(s) name and its address, Fax & Tel No.	
1.4	Name and designation of the responsible person in client's organisation	
1.5	Contract No. & Date	
1.6	Voltage rating of the Switchgear panels manufactured & supplied	
1.7	Fault rating KA (rms), Time (Sec) KA (Peak)	
1.8	Date of commissioning	
1.9	No. of years in Successful operation	
1.10	Certificates from client(s) in support of above stated experience including capacity of Plant, Year & Month of Commissioning of Plant & descriptive scheme of the plant for which the data has been indicated and that the above system installed above have caused no serious problem in the past is enclosed at Annexure	

Signature of authorized signatory.....

2	No. of Vacuum Circuit breakers manufactured and supplied for 33kV or above panels with a rating of 25kA rms BREAKING, 62.5kA peak MAKING and 25kA withstand for one (1) second, which are in successful operation in 33kV voltage application for a period of at least two (2) years.)	
2.1	Name & address of Manufacturer	
2.2	Name of the station and its location	
2.3	Client(s) name and its address, Fax No. & Tel no.	
2.4	Name and designation of the responsible person in Client's organisation	
2.5	Contract Number and date	
2.6	Rated Current (A)	
2.7	RMS Breaking Capacity (kA)	
2.8	Peak Making Capacity (KA)	
2.9	Fault rating KA (rms), Time (Sec)	
2.10	Voltage class	
2.11	Date of Commissioning	
2.12	No. of years in successful operation	
2.13	Certificate from Client(s) in support of the above stated experience including capacity of Plant, year & month of commissioning of plant & descriptive scheme of the plant for which the data has been indicated and the above system installed have caused no serious problem in the past is enclosed at Annexure.....	

Signature of authorized signatory.....

- Note :**
- 1) Certificates from the client for the successful operation for each of the above shall be Submitted.
 - 2) Supporting documents/ reference data as applicable shall be submitted.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

Sub QR Data to be filled in to meet the provenness requirements for Numerical Relays & Networking

S.No	Item Description	
1	No. of Numerical relays with IEC 61850 used for application in Feeder protections/Transformer protections / Motor protections manufactured, supplied and successfully configured by manufacturer which are in successful operation for at least two (2) years	
1.1	Name & address of Manufacturer	
1.2	Name of the Station and its location	
1.3	Client(s) name and its address, Fax & Tel No.	
1.4	Name and designation of the responsible person in client's organisation	
1.5	Contract No. & Date	
1.6	Date of commissioning	
1.7	No. of years in Successful operation	
1.8	Certificate from client(s) in support of the above stated experience has been enclosed at Annexure.....	
2	No. of communicable Numerical Relays in the network on IEC 61850 manufactured/integrated and successfully done Site Acceptance Test (SAT) by the manufacturer / integrator	
2.1	Name & address of Manufacturer /Integrator	
2.2	Name of the plant and its location	
2.3	Client(s) name and its address, Fax No. & Tel no.	

Signature of authorized signatory.....

2.4	Name and designation of the responsible person in Client's organisation	
2.5	Contract Number and date	
2.06	Date of Commissioning/SAT	
2.07	No. of years in successful operation	
2.08	Certificate from client in support of above stated experience/data has been enclosed at Annexure.....	

- Note :**
- 1) Certificates from the client for the successful operation as applicable shall be Submitted.
 - 2) Supporting documents/ reference data as applicable shall be submitted.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

Sub : Provenness of HT Cables (3.3kV or above but below 33kV)

In support of supplier experience as indicated in Technical specification, clause no. 5.03.00 of Sub-Section-I-A Provenness, Part A, Section VI, we declare that the supplier/sub-vendor have manufactured and supplied the following cables.

(a) At least 100kms of XLPE insulated power cables of 1.9/3.3 kV or higher voltage grade, executed in one or more limited to maximum of three orders.

And

(b) At least one (1) km of flame retardant low smoke cables of any voltage level.

(A) The details of above cables at (i) are given as under* :

Sl.No.	Particulars
1.	Client name and its address, fax no. & telephone no.
2.	Name & Designation of the responsible person in client's organisation
3.	Name, Address, telephone no. & fax no. of the user of the cables
4.	Name & designation of the responsible person in user's organisation
5.	Contract No. and date
6.	Details of XLPE insulated power cables of 1.9/3.3 KV or higher voltage grade of Flame Retardant Low Smoke cables
(i)	Manufactured Yes/No
(ii)	Supplied Yes/No

Signature of authorized signatory.....

- (iii) Rated Voltage of CableKV
- (iv) Type and size of Cable
- (v) Total Quantity supplied Km
7. Date of commencement of Successful operation
8. Number of months of Successful Operation
9. User's Certificate of Cable enclosed

Note :

1. Continuation sheets of like size and format may be used as per the Sub-vendor's requirement and shall be annexed to this Schedule.
2. Sub-vendor is required to attach necessary documents like copies of work order, completion certificates, agreements, drawings etc. in support.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

Sub : Provenness of HT Cables (33kV Cable)

In support of supplier experience as indicated in Technical specification, clause no. 5.04.00 of Sub-Section-I-A Provenness, Part-A, Section-VI, we declare that the supplier/sub-vendor have manufactured and supplied the following cables.

a) At least 20kms of XLPE insulated power cables of 19/33 kV or higher voltage grade, executed in one or more limited to maximum of three orders.

And

b) At least one (1) km of flame retardant low smoke cables of any voltage level.

(A) The details of above cables at (i) are given as under* :

Sl.No.	Particulars	
1.	Client name and its address, fax no. & telephone no.	
2.	Name & Designation of the responsible person in client's organisation	
3.	Name, Address, telephone no. & fax no. of the user of the cables	
4.	Name & designation of the responsible person in user's organisation	
5.	Contract No. and date	
6.	Details of XLPE insulated power cables of 19/33 KV or higher voltage grade of Flame Retardant Low Smoke cables	
(i)	Manufactured	Yes/No
(ii)	Supplied	Yes/No
(iii)	Rated Voltage of CableKV
(iv)	Type and size of Cable	
(v)	Total Quantity supplied Km

Signature of authorized signatory.....

7. Date of commencement of Successful operation
8. Number of months of Successful Operation
9. User's Certificate of Cable enclosed

Note :

1. Continuation sheets of like size and format may be used as per the Sub-vendor's requirement and shall be annexed to this Schedule.
2. Sub-vendor is required to attach necessary documents like copies of work order, completion certificates, agreements, drawings etc. in support.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

Sub : Provenness of PCS/Inverter Transformers

In support of experience as indicated in Technical specification,

- (a) We hereby confirm that We/Sub vendor M/s have designed, manufactured and supplied transformers of 33kV or higher voltage class of cumulative capacity of 40 MVA or above, out of which at least one such supply order for a single plant should be of 10 MVA or above capacity. The reference plant in which transformers of 10 MVA or above capacity (consisting of one or more) were supplied, have been in successful operation for at least six (6) months. The details of the same are given below:

Sl. No.	Item Description	Installation No. 1
1.00.00	Name of the Installation and its location	
1.01.00	Client name and its address, Fax and Tel. No., email id	
1.02.00	Name and designation of the responsible person in client's organization	
1.03.00	Contract No. & Date	
1.04.00	Voltage Ratio	
1.05.00	MVA Ratings	
1.06.00	Voltage Class of	

Signature of authorized signatory.....

1.07.00 Date of Com-
missioning of
transformers

1.08.00 Date of commencement
of successful operations

1.09.00 Scope of work
executed for
aforesaid trans-
formers included
the following:

(i) Manufactured

Yes/No

Yes/No

(ii) Supplied

Yes/No

Yes/No

1.10.00 No. of months in successful
operation

Signature of authorized signatory.....

Sl. No.	Item Description	Installation No. 1	Installation No. 2
2.00.00	Certificate(s) from the client(s) are enclosed along with the bid at Annexure-.....to this Attachment-3K.		

b) Bidder/its sub-vendor should have its own facilities for conducting all routine tests for transformers as per IS: 2026/IEC 60076.

- b) We hereby further confirm that we/sub-vendor M/s have our/his own facilities for conducting all routine as per IS:2026/IEC 60076 as per Clause No. 5.09.00.B of Sub-Section- IA provenness, Part-A of Technical Specification. The details of the same are given below:

Sl. No.	Name of Tests	Yes/No
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Note:

- 1) Sub-vendor to use their own Performa for giving details of all routine facilities available with them.
- 2) Certificates from client(s) must also be attached as Annexure..... to this Attachment-3K.

Signature of authorized signatory.....

III. We/sub-vendor hereby confirm that 5 MVA, 33kV or higher rated inverter oil filled transformer manufactured by We/sub-vendor have been successfully short circuit tested as per requirement of Clause No. 5.09.00.C of Sub-Section- IA provenness, Part-A of Technical Specification. The details of the same are given below:

Sl. No.	Item Description	Details
1.00.00	Name of the station and its location	
1.01.00	Client name and its address, Fax and Tel. No., email id	
1.02.00	Name and designation of the responsible person in client's Organization	
1.03.00	Contract No. & Date	
1.04.00	Voltage Ratio and Type	
1.05.00	MVA Ratings	

Signature of authorized signatory.....

Sl. No.	Item Description	Details
1.06.00	Voltage Class of transformers	
1.07.00	Short Circuit Test Carrying Agency (Test Lab) Name and Address	
1.08.00	Date of Short Circuit Test	
1.09.00	Short circuit test conducted Successfully	Yes/No
2.00.00	Certificate(s) from the client(s) / Lab are enclosed along with the bid at Annexure-..... to this Attachement-3K.	

Note :

- 1) Sub-vendor may provide any additional information regarding short circuit test on transformers and enclose along with the proposal at Annexure..... to this Attachment-3K.
- 2) If needed Sub-vendor may use own Performa for giving necessary details regarding short circuit test conducted on transformers and enclose with the proposal at Annexure..... to this Attachment-3K.

Date : (Signature).....

Place : (Printed Name)
(Designation).....
(Common seal)

Signature of authorized signatory.....