Qualifying Requirements (QR) for Pre-Bid Tie-up for 'STATCOM Package ST-14T' for (±) 300 MVAr STATCOM with 2x125 MVAr MSC at Kakinada 765/400 kV GIS S/s under "Transmission system for proposed Green Hydrogen / Green Ammonia projects in Kakinada area (Phase-I)" through Tariff Based Competitive Bidding route prior to RfP bid submission by POWERGRID to BPC'; Spec. No. CC/T/W-STAT/DOM/A04/24/15309.

Funding: Domestic
Mode of Procurement: Domestic Competitive Bidding

QUALIFICATION OF THE BIDDER

Qualification of bidder will be based on meeting the minimum pass/fail criteria specified below regarding the Bidder's technical experience and financial position as demonstrated by the Bidder's responses in the corresponding Bid Schedules. Technical experience and financial resources of any proposed subcontractor shall not be taken into account in determining the Bidder's compliance with the qualifying criteria. The bid can be submitted by an individual firm or a Joint Venture of two or more firms (Specific requirements for Joint Ventures are given under Para 3 below).

The Employer may asses the capacity and capability of the Bidder, to successfully execute the scope of work covered under the package within stipulated completion period. This assessment shall inter-alia include (i) document verification; (ii) Bidder's work/manufacturing facilities visit; (iii) manufacturing capacity, details of works executed , works in hand , anticipated in future & the balance capacity available for the present scope of works ; (iv) details of plant and machinery, manufacturing and testing facilities, manpower and financial resources; (v) details of quality systems in place ; (vi) past experience and performance ; (vii) customer feedback ; (viii) banker's feedback etc.

1.0 Technical Experience

1.1 Route-1

a).i) The bidder must have executed a STATCOM Project, in the network of power utility, controlling 132kV or above system voltage (as point of common coupling) having at least ±50 MVAR rating for STATCOM portion@, as a Prime Contractor, wherein the scope involves engineering, supply, erection, testing and commissioning of the STATCOM, and the above project must be in #satisfactory operation for at least 2 (two) years as on the Rescheduled last date of bid submission (soft copy) i.e. **16/01/2026**.

OR

a).ii) The bidder must have executed a STATCOM Project, in the network of power utility, controlling 132kV or above system voltage (as point of common coupling) in India having at least ±50 MVAR rating for STATCOM portion@, as a Prime Contractor, wherein the scope involves engineering, supply, erection, testing and commissioning of the STATCOM, and the above project must be in #satisfactory operation for at least 1 (one) years as on the Rescheduled last date of bid submission (soft copy) i.e. **16/01/2026**.

In case a bidder qualifies through route 1.1 a).ii) above they shall submit a confirmation letter along with the bid stating that they shall provide an additional defect liability for 1 year over and above the warranty period as specified in the bidding documents.

b).i) The bidder must have designed, manufactured, tested and supplied at least STATCOM Valve(s) & its associated Control for a STATCOM Project of 345kV or above system voltage (as point of common coupling) having at least ±100 MVAR rating for STATCOM portion[@], in the network of power utility, and the above project must be in satisfactory operation[#] as on the Rescheduled last date of bid submission (soft copy) mentioned above.

b).ii) In case the requirement stipulated at b.i) is collectively met by bidder and their Collaborator/Parent/Principal/Group company wherein bidder has designed, manufactured, tested and supplied either STATCOM Valve(s) or associated Control for STATCOM, the bidder shall submit following along with the bid:

- A legally enforceable undertaking (jointly with the Collaborator/Parent/ Principal/Group company) to guarantee quality, timely supply, commissioning, performance and warranty obligations as specified for the equipment(s);

- A valid collaboration agreement for technology transfer/license to design, manufacture, test and supply specified Equipment(s) from Indian works of bidder.

OR

Route-2

1.2 The bidder must have established manufacturing/assembling and testing facilities in India for STATCOM Valve(s), based on the technological support of the Collaborator(s)/ Parent/Principal/Group company(ies) and the bidder must have manufactured, tested & supplied:

a) at least one (1) no. STATCOM Valve for 345kV or above voltage level STATCOM Project.

OR

at least one (1) no. HVDC Valve for 320kV or above voltage level HVDC Project.

b) The Collaborator(s)/Parent/Principal/Group company(ies) of the bidder must collectively meet qualification requirements mentioned at Route-1 above.

c) The bidder shall also submit the following along with the bid:

i. A legally enforceable undertaking (jointly with the Collaborator(s)/Parent/Principal/Group company(ies)) to guarantee quality, timely supply, commissioning, performance and warranty obligations as specified for the equipment (s);

ii A valid collaboration agreement for technology transfer/license to design, manufacture, test and supply STATCOM in India

OR

1.3 Route-3

In case Bidder is not a STATCOM Valve Manufacturer, he shall also be considered provided:

a) The Bidder must have executed erection, testing and commissioning of at least one (1) project of SVC/STATCOM/ HVDC at 320 kV or above voltage level in network of power utility in India during the last seven (7) years as an Associate$$ and the same must be in satisfactory operation# as on the Rescheduled last date of bid submission (soft copy) mentioned above.

b) The STATCOM valves and associated control & protection must be offered from Indian Manufacturers, who meets the requirement mentioned at Route 1 or Route -2 above.

c) A legally enforceable undertaking (jointly with the STATCOM Valve Manufacturer) (*as per enclosed format in Sample forms (Sec-VI) of bidding documents*) to guarantee basic design, quality, timely supply, performance and warranty obligations as specified for the equipment(s) is submitted along with the bid stating that STATCOM Valve Manufacturer shall furnish performance guarantee for an amount of two (2) % the total contract price. This performance guarantee shall be in addition to the Contract Performance security to be submitted by the Bidder

Note-1: In case the bidder has executed the work under a contract that had been awarded on a Joint Venture wherein the bidder was one of the partners, the experience of the bidder shall be considered limited to the scope executed by the bidder as a partner under the said contract

Note-2 (#): Satisfactory operation means certificate issued by the employer certifying the operation without any adverse remark.

Note-3 (@): Rating of STATCOM Portion (connected to a common coupling transformer) is excluding fixed, mechanical switched or power-device switched inductors and capacitors. Further, in the rating, '-'indicates inductive and '+' indicates capacitive reactive power continuous capacities.

Note-4 (^): AIS means Air Insulated Switchgear. GIS means Gas Insulated Switchgear.

Note-5 ($$): Associate means a party who has been conjoined by the Contractor to independently execute a pre-selected part of facilities of the contract and grant him the associated contractual rights and obligations, without diluting the overall responsibility of the contractor in respect of the Facilities under the contract

Note-6: In case, Bidder is a holding company, the technical experience referred to in Clause 1 above shall be of that holding company only (i.e. excluding its subsidiary/Group companies). In case Bidder is a subsidiary of a holding company, the technical experience referred to in Clause 1.0 above shall be of that subsidiary company only (i.e. excluding its holding company).

Note-7: Parent/principal Company shall be the company who have maintained an equity participation of at least 51% in the bidders company Seven (7) days prior to Rescheduled last date of bid submission (soft copy) mentioned above.

Note -8: The Group company means the Contractor and the Group Company shall have a common source of control, directly or indirectly, so as to exercise a minimum equity participation of 26% or appoint more then 50% of members of Board of Directors in the Group Company Seven (7) days prior to Rescheduled last date of bid submission (soft copy) mentioned above.

Note-9: In case the Bidder is qualifying through route-3, the requirement stipulated in route-1/route-2 must be read as "offered STATCOM Manufacturer" in place of "Bidder".

2.0 Financial Position

For the purpose of this particular bid, bidders shall meet the following minimum criteria:

(a) Net Worth for last 3 financial years should be positive.

(b) Minimum Average Annual Turnover** (MAAT) of the bidder for the best three years i.e. 36 months out of last five financial years should be not less than **Rs. 103.30 Crore or Equivalent for STATCOM Package ST14T.**

**Note: Annual Gross Revenue from operations/ Gross Operating Income as incorporated in the profit & loss account excluding Other Operative Income/Other Income.

(c) Liquid assets (L.A.) and/or evidence of access to or availability of credit facilities should be not less than **Rs. 17.22 Crore or Equivalent for STATCOM Package ST14T**.

Note:

(i) In case bidder is a holding company, the Financial Position criteria referred to in para 2 above shall be that of holding company only (i.e. excluding its subsidiary / Group companies). In case bidder is a subsidiary of a holding company, the Financial Position criteria referred to in para 2.0 above shall be that of subsidiary company only (i.e. excluding its holding company).

(ii) In case bidder has established manufacturing/assembling facility in India and yet to complete three (3) financial years, the Net Worth and average of the turnover as per financial statement for completed financial years shall be considered for the purpose of compliance to the specified Net Worth and MAAT requirements.

(iii) In case of bidder qualifying through Para 2.0 above, who has established manufacturing/assembling & testing facility in India as Subsidiary/JVC/Group company by its parent/principal but not meeting the Financial Position requirement as per note (i) read along with note (ii) above, the following shall be applicable:

In case bidder is yet to complete five (5) years from the date of commercial production of such equipment(s) as on the date of bid Submission mentioned above, the financial position requirement as per para 2 (b) & (c) of parent/principal company providing collaboration for technological support shall be considered. However, once he completes five (5) years from the date of commercial production of such equipment (s) in India as

on the date of bid Submission mentioned above, the financial position requirements as specified at 2 (b) and (c) above shall also be required to be met by such bidder on their own as per note (i) above and not based on their parent/principal company. Further, in case the bidder is yet to complete one (1) financial year, the Net worth requirement as per para 2 (a) above of parent/principal shall be considered.

(iv) Relaxation for Start-Ups^^/ MSEs

Start-Ups^^/ MSEs, meeting the specified requirements at Para 2 (a) above in Financial Position shall also be considered qualified if they meet Eighty (80) % of the requirement specified at Para 2 (b) & 2 (c) above in Financial Position.

^^ Start-Ups as defined by DPIIT, applicable as on the *Rescheduled last date of bid submission (soft copy)* mentioned above.

3.0 Joint Venture Bids

3.1 In case a bid is submitted by a Joint Venture (JV) of two or more firms as partners, Joint Venture must meet the following requirements:

a) One of the partners of the JV shall meet the Technical Experience criteria stipulated at Route 1 or Route-2 mentioned above.

b) Each of the other partner(s) of the JV must have

i) manufactured and supplied at least one 345kV or above voltage class Equipment such as Circuit breaker/Isolator/Instrument transformer/Power Transformer/Reactor /Power Capacitor/Control & Protection Systems which should be in #satisfactory operation as on the Rescheduled last date of bid submission (soft copy) mentioned above.

OR

ii) erected, tested and commissioned at least one (1) substation having minimum four (4) nos. AIS^/GIS^ Circuit Breaker equipped bays of 345kV or above voltage level during the last seven (7) years and these bays must be in satisfactory operation# as on the Rescheduled last date of bid submission (soft copy) mentioned above.

OR

iii) erected, tested and commissioned at least one (1) project of SVC/ FSC/STATCOM/ HVDC at 320kV or above voltage level in India during the last seven (7) years and the same must be in #satisfactory operation as on the Rescheduled last date of bid submission (soft copy) mentioned above.

c) All the partners of the JV shall meet individually the Financial Position criteria given at para 2.0 (a) above.

d) The lead partner shall meet, not less than 40% of the Financial Position minimum criteria given at para 2.0 (b) & (c) above.

e) Each of the other partner(s) individually shall meet not less than 25% of the Financial Position minimum criteria given at para 2.0 (b) & (c) above.

f) All the partners of Joint Venture shall meet collectively the requirement of para 2.0 (b) & (c) above.

g) The figure of average annual turnover and liquid assets/credit facilities for each of the partners of the JV shall be added together to determine the JV's compliance with the minimum qualifying criteria set out in Para 2.0 (b) & (c) above.

4.0 The bidder shall furnish documentary evidence in support of the qualifying requirement stipulated as above.