

Spec No :
TCE.6114A-C-500-001

TATA CONSULTING ENGINEERS LIMITED
2 X 660 MW Super Critical VCTPP at Cuttack, Orissa

SECTION: A3
SHEET 1 OF 6

TITLE

VISA POWER LIMITED
BID QUALIFICATION REQUIREMENTS



PRE-QUALIFICATION REQUIREMENTS:-

1.0 Basic Eligibility Criteria

- a. Bids are invited from prospective Bidders satisfying the eligibility criteria laid in this document. Bidders not satisfying the criteria will not be considered for evaluation.
- b. The Bidder shall provide the acceptable documentary evidence that the Bidder and / or where applicable, its associate(s) / partner(s),
 - i. is a manufacturer, who regularly manufactures equipment of the type specified and / or undertakes the type of works specified and has adequate technical knowledge and relevant experience with requisite engineering and infrastructure for project management and execution.
 - ii. has adequate Financial stability and status to meet the financial obligations pursuant to the works covered in this document. Has adequate design, manufacture and / or fabrication capability and capacity available to perform the work properly and expeditiously within the time period specified. The evidence shall specifically cover, with written details, installation, manufacturing and/or fabricating capacities and present commitment. If the present commitment are such that the installed capacity results in an inadequacy of manufacturing and / or fabrication capacities to meet the requirements appropriate to the works covered in the Tender Document then the details of the alternative arrangements to be organized by the Bidder and / or his associate / partner for this purpose shall be furnished and same shall be subject to Visa Power Ltd' s approval and acceptance
 - iii. has an adequate project management expertise capable of executing the Project under consideration, covering the areas related to engineering of equipment / systems, interface engineering, procurement of equipment and the necessary field services required for successful construction, testing and commissioning of all the power plant equipment and systems covered in the scope of work under this document and has established quality assurance systems and organization designed to achieve high levels of equipment performance / system reliability both during his manufacturing and / or fabrication and field installation activities.
 - iv. has adequate experience and knowledge to execute the Project proposed on EPC basis.
- c. Declaration of Undertaking

The Bidder shall especially note that :

- (i) the parties to the awarding procedure emphasize the importance of free, fair and competitive process that precludes abuse. In this respect Visa Power Limited has not offered or granted any inadmissible advantages either directly

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or indirectly to any persons in connection with its Tender, nor shall it offer or grant any such incentives or rewards in the present awarding procedure or, in case of an award, during subsequent execution of the agreement.

- (ii) the Bidder shall inform its employees of their respective duties and their commitment to observe this self-imposed obligation to abide by the laws of the Republic of India and the State of Orissa.

2.0 Technical Eligibility Criteria

The Bidder shall meet the technical qualifying requirement stipulated hereunder:

- a) Bidder should have designed, engineered, manufactured, supplied, erected, commissioned and conducted the performance test of at least one (1) number of 500 MW or higher capacity unit with pulverized coal fired Steam Generator set and Steam Turbine & Generator set along with their auxiliaries suitable for supercritical parameters specified or higher, which is in successful commercial operation for a period of not less than one (1) year on the last date of submission of bid. Steam generator should be of the type specified, i.e. single pass (tower type) or two pass type using either spiral wound (inclined) or vertical plain/rifled type water wall tubing. In addition, the steam generator should have been provided with evaporator suitable for variable pressure operation (sub-critical and super-critical pressure ranges). The bidder shall offer only the type of steam generator and type of water wall tubing for which he meets the above criteria of successful operation.

In addition to all of the above, following minimum steam parameter at turbine inlet is required:

- (i) Rated turbine throttle steam pressure- 246 kg/cm²
(ii) Rated turbine throttle steam temperature- 565 deg C
(iii) Rated turbine throttle reheat steam temperature- 593 deg C
(iv) The maximum turbine heat rate allowed shall be as per CEA/CERC guidelines i.e 1850 Kcal/Kwhr

OR

- b) (i) In case the bidder is a manufacturer of pulverized coal fired Steam Generator set of 500 MW or higher capacity suitable for supercritical parameters specified or higher, and type as specified at 2.0(a) above, he in collaboration / association with the manufacturer of Steam Turbine & Generator set of 500 MW or higher capacity suitable for supercritical parameters specified or higher, shall be eligible provided the bidder and/or his collaborator/ associate should have designed, engineered, manufactured, supplied, erected and commissioned and conducted the performance test of at least one (1) number of pulverized coal fired Steam Generator set and Steam Turbine & Generator set suitable for supercritical parameters specified or higher, which is in

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successful commercial operation for a period of not less than one (1) year on the last date of submission of bid.

OR

- (ii) In case the bidder is a manufacturer of Steam Turbine & Generator set of 500 MW or higher capacity, suitable for supercritical parameters specified or higher, he in collaboration / association with the manufacturer of pulverized coal fired Steam Generator set of 500 MW or higher capacity and type as specified at 2.0(a) above suitable for supercritical parameters specified or higher, shall be eligible provided the bidder and/or his collaborator/ associate should have designed, engineered, manufactured, supplied, erected and commissioned at least one (1) number of Steam Turbine & Generator set and pulverized coal fired Steam Generator set suitable for supercritical parameters specified or higher, which is in successful commercial operation for a period of not less than one (1) year on the last date of submission of bid.


In such cases [b(i) or b(ii)], the bidder shall furnish a deed of joint undertaking executed between the bidder & the collaborator / associate as per the format enclosed with the bid document towards the bidder and his collaborator / associate jointly and severally liable to Visa Power Ltd for the successful performance of the contract. The deed of joint undertaking shall be submitted along with the bid failing which the bid shall be disqualified and rejected. In case of award, the collaborator /associate shall be required to furnish a separate on demand bank guarantee for 1.0%(one percent) of the total contract price in addition to the contract performance securities to be furnished by the bidder


In case bidder or his collaborator / associate, as the case may be, does not manufacture the generator of 500 MW or higher capacity and source the generator from his collaborator / associate generator manufacturer and both these companies ("Bidder" or his "Collaborator / Associates" and "Collaborator / Associate generator manufacturer") together meet the qualifying requirement as stipulated above, shall also be considered as qualified bidder / collaborator / associate for STG manufacture.


OR

- c) The Bidder should have designed, engineered, manufactured, erected and commissioned and conducted the performance test of at least one (1) number coal fired Steam Generator and Steam Turbine and Generator set of 500 MW or above capacity in India with sub-critical parameters and which is in successful commercial operation for at least one (1) year as on the last date of submission of the bid. The bidder should also have valid collaboration for

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<p>design, engineering and manufacture of 500 MW or higher capacity coal fired Supercritical Steam Generator and Steam Turbine & Generator suitable for Supercritical parameters specified or higher, separately or together with manufacturer(s) of Steam Generator and / or Steam Turbine and Generator meeting the requirements of 2.0(a) above. In such case, the bidder shall furnish a deed of joint undertaking executed between the bidder & the collaborator / associate as per the format enclosed with the bid document towards the bidder and his collaborator / associate jointly and severally liable to Visa Power Ltd., for the successful performance of the contract. The deed of joint undertaking shall be submitted along with the bid failing which the bid shall be disqualified & rejected.</p> <p>In case of award, the collaborator / associate shall be required to furnish a separate on demand bank guarantee for 1.0%(one percent) of the total contract price in addition to the contract performance securities to be furnished by the bidder</p> <p style="text-align: center;">OR</p> <p>d) The Bidder shall be either an Engineering, Procurement and Construction (EPC) organization or a Turnkey Management and contracting organization and has successfully executed at least one (1) number Coal / Lignite / Gas fired power plant of unit size of 200 MW or higher capacity (in case of Gas based combined cycle power plant the total capacity of the plant consisting of Gas Turbine Generator Set, Heat Recovery Steam Generator and Steam Turbine Generator Set shall be considered as unit capacity) in India, which is in successful commercial operation for a period of not less than one (1) year on the last date of submission of bid, can be qualified provided he fulfills the following requirements.</p> <p>i) In such a case the Bidder shall source SG & STG from its Associate Manufacturing companies (AMC). The AMC should be incorporated in India for the manufacture of SG and STG. AMC should have a valid technology transfer agreement on the last date of submission of bid for the type, size and rating of the SG and STG with manufacturer having qualification same as that of Bidder enumerated in category 2(a) and 2(b) above.</p> <p>ii) The Bidder shall furnish a deed of joint undertaking between the Bidder and the AMC as per the format enclosed in the bidding documents and he and the AMC being jointly and severally liable to the Visa Power Limited for successful performance of the SG and STG as the case may be. The deed of joint undertaking shall be submitted along with the bid failing which the bid shall be disqualified & rejected. In case of award, each concerned Associate Manufacturing company(s) shall be</p>		
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<p>requested to furnish separate (for SG & STG separately) on demand bank Guarantee for an amount equal to 0.5% (zero point five percent) of the contract price in addition to the contract performance securities to be furnished by the bidder.</p>		
<p>3.0 Financial Requirement</p> <p>a) In addition to the qualifying requirements mentioned above , the bidder should also have an annual turnover of minimum Rs.15,000 Million (Rs Fifteen Thousand Million only) per annum or an equivalent foreign currency for the preceding consecutive three (3) financial years as on the date of submission of the bid.</p> <p>b) The Net Worth of the bidder as on the last day of the preceding financial year shall not be less than 100 % of the paid-up share capital.</p> <p>c) In case the bidder is not able to furnish its audited financial statements on stand alone entity basis, the un-audited unconsolidated financial statements of the bidder shall be considered acceptable provided the bidder furnishes the following additional documents on substantiation of its qualification:</p> <p style="padding-left: 40px;">(i) Copies of the un-audited unconsolidated financial statements of the bidder along with copies of the audited consolidated financial statements of the Holding Company.</p> <p style="padding-left: 40px;">(ii) A Certificate from the CEO/CFO of the Holding Company, stating that the unaudited unconsolidated financial statements form part of the Consolidated Annual Report of the company.</p> <p>In cases where audited results for the last preceding financial year are not available, certification of financial statements from a practicing Chartered Accountant shall also be considered acceptable.</p> <p>d) In case a bidder does not satisfy the financial criteria, stipulated at clause 3.0 (a) and / or 3.0 (b) above on its own, the holding company would be required to meet the stipulated turnover requirements at clause 3.0(a) above, provided that the net worth of such holding company as on the last day of the preceding financial year is at least equal to or more than the paid-up share capital of the holding company. In such an event, the bidder would be required to furnish along with its bid, a Letter of Undertaking from the holding company, supported by Board Resolution, pledging unconditional and irrevocable financial support for the execution of the Contract by the bidder in case of award.</p> <p>e) Financial criteria for associate / collaborator not being a majority stake holder</p> <p style="padding-left: 40px;">(i) The average annual turnover, in the preceding three (3) financial years as</p>		
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<p style="text-align: center;">on the last date of bid submission, shall not be less than Rs. 10,000 million or in equivalent foreign currency.</p> <p style="text-align: center;">(ii) The Net Worth as on the last day of the preceding financial year shall not be less than 100% of the paid-up share capital.</p> <p>4.0 Notwithstanding anything stated in clauses 3.0 (a) & 3.0 (b) above, Visa Power Ltd. reserves the right to assess the capabilities and capacity of the bidder, his collaborators / associates to perform the contract, should the circumstances warrant such assessment in the overall interest of the Visa Power Ltd.</p> <p>5.0 Bidders not fulfilling qualifying requirements are advised not to submit their offer against this bid specification. The offer of the bidder not fulfilling the qualifying requirements shall not be considered for further evaluation and will be rejected.</p> <p>6.0 Visa Power Ltd., does not bind itself to accept the lowest or any of the bids and reserves the right to accept any bid or reject any or all bids without assigning any reasons thereof.</p>		
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