

Amendment to Commercial Conditions of Contract – Com-2 SG

ALFA INFRAPROP PVT LIMITED

2 x 660 MW Supercritical Thermal Power Plant at Komarada Village,
Vizianagaram District A.P. India

Commercial Conditions of Contract Volume – I Steam Generator & their Auxiliaries SPECIFICATION No. TCE-6015A-C-510-001

Sl. No	Specification	As per BQR	Amended To
1	Section A-3 BQR clause No 3.2	<p>The Bidder should have designed, engineered, manufactured, erected/supervised erection, commissioned/supervised commissioning of at least one (1) no. of coal fired supercritical Steam Generator of 660 MW capacity or higher size with following minimum rated steam parameters:</p> <ul style="list-style-type: none"> (i) Steam pressure at Superheater outlet - 256 kg/cm² (absolute) (ii) Steam temperature at Superheater outlet – 568 deg C (iii) Steam temperature at Reheater outlet – 596 deg C <p>Further, such 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, and should have been in successful operation for a period of not less than three (3) years as on the last date of submission of Bid document. In addition to the above, 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 is qualified.</p>	<p>The Bidder should have designed, engineered, manufactured, erected/supervised erection, commissioned/supervised commissioning of at least one (1) no. of coal fired supercritical Steam Generator of 660 MW capacity or higher size with following minimum rated steam parameters:</p> <ul style="list-style-type: none"> (i) Steam pressure at Superheater outlet - 256 kg/cm² (absolute) (ii) Steam temperature at Superheater outlet – 568 deg C (iii) Steam temperature at Reheater outlet – 596 deg C <p>Further, such 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, and should have been in successful operation for a period of not less than one (1) year as on the last date of submission of Bid document. In addition to the above, 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 is qualified.</p>

Amendment to Commercial Conditions of Contract – Com-2 SG

		Further the Bidder warrants that the equipment or its parts to be supplied including the software does not infringe any patent and / or licence and / or intellectual property rights and the confirmation to this should be submitted along with the bid document	Further the Bidder warrants that the equipment or its parts to be supplied including the software does not infringe any patent and / or licence and / or intellectual property rights and the confirmation to this should be submitted along with the bid document
2	Section A-3 BQR clause No 3.6	The Bidder should have designed, engineered, manufactured, erected/supervised, erection, commissioned/supervised commissioning at least one (1) no. sub critical coal fired Steam Generator of 500 MW or higher capacity which is in successful operation for a period of not less than three (3) years as on the last date of submission of Bid documents. The Bidder shall also have a valid ongoing technology transfer agreement including license to manufacture and supply Steam Generator which satisfies the qualification requirements specified in 3.2 above. In such an event the Bidder shall furnish deed of undertaking jointly executed by Bidder and his Licensor/collaborator for the successful performance of Steam Generator and its auxiliaries, as per the format enclosed in the bid document to the effect that the Licensor/collaborator and the Bidder are jointly and severally liable to the Owner to perform all the contractual obligations including the technical guarantees for the complete Steam Generator and its auxiliaries. The deed of joint undertaking shall be submitted along with the Bid documents, failing which the Bidder shall be disqualified and his bid documents shall be rejected. In case of award, the Licensor/ collaborator will be required to furnish a separate an on demand bank guarantee for 1.0% (one percent) of the total contract price of Main Plant Package Part-A in addition to the contract performance securities to be furnished by the Bidder.	The Bidder should have designed, engineered, manufactured, erected/supervised, erection, commissioned/supervised commissioning at least one (1) no. sub critical coal fired Steam Generator of 500 MW or higher capacity which is in successful operation for a period of not less than one (1) year as on the last date of submission of Bid documents. The Bidder shall also have a valid ongoing technology transfer agreement including license to manufacture and supply Steam Generator which satisfies the qualification requirements specified in 3.2 above. In such an event the Bidder shall furnish deed of undertaking jointly executed by Bidder and his Licensor/collaborator for the successful performance of Steam Generator and its auxiliaries, as per the format enclosed in the bid document to the effect that the Licensor/collaborator and the Bidder are jointly and severally liable to the Owner to perform all the contractual obligations including the technical guarantees for the complete Steam Generator and its auxiliaries. The deed of joint undertaking shall be submitted along with the Bid documents, failing which the Bidder shall be disqualified and his bid documents shall be rejected. In case of award, the Licensor/ collaborator will be required to furnish a separate an on demand bank guarantee for 1.0% (one percent) of the total contract price of Main Plant Package Part-A in addition to the contract performance securities to be furnished by the Bidder.

Amendment to Commercial Conditions of Contract – Com-2 SG

3	<p>Section A-3 BQR clause No 3.7</p>	<p>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 three (3) years on the last date of submission of bid, can be qualified provided he fulfils the following requirements:-</p> <p>i) In such a case the Bidder shall source Steam Generator & its auxiliaries from its Associate Manufacturing Company (AMC). The AMC should be incorporated in India for the manufacture of Steam Generator & its auxiliaries. AMC should have a valid technology transfer agreement as on the date of submission of bid for the type, size and rating of the Steam Generator & its auxiliaries with manufacturer meeting qualification requirements as stipulated at clause 3.2 above.</p> <p>ii) The Bidder shall along with the bid document furnish a deed of joint undertaking executed between the Bidder and the AMC for the successful performance of Steam</p>	<p>The Bidder shall be either an Engineering, Procurement and Construction (EPC) organization or a Turnkey Management and contracting Organization who has experience in executing jobs for thermal power plant(s) in India can be qualified provided he fulfils the following requirements:-</p> <p>i) The Bidder shall source Steam Generator & its auxiliaries from an Original Equipment Manufacturer (OEM) Or from a manufacturer who is manufacturing the equipments under a valid License from a Original Technology Holder who meets the qualification requirement for the type, size and rating of the Steam Generator & its auxiliaries as stipulated at clause 3.2 above.</p> <p style="text-align: center;">OR</p> <p>The Bidder shall source Steam Generator & its auxiliaries from its Associate Manufacturing Company (AMC). The AMC should be incorporated in India for the manufacture of Steam Generator & its auxiliaries. AMC should have a valid technology transfer agreement as on the date of submission of bid for the type, size and rating of the Steam Generator & its auxiliaries with manufacturer meeting qualification requirements as stipulated at clause 3.2 above.</p> <p>ii) The Bidder shall along with the bid document furnish a deed of joint undertaking executed between the Bidder and the OEM/AMC (as applicable) for the successful</p>
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Amendment to Commercial Conditions of Contract – Com-2 SG

		<p>Generator & its auxiliaries as per the format enclosed in the bid document to the effect that the AMC and the Bidder are jointly and severally liable to the Owner to perform all the contractual obligations including the technical guaranties for the complete Steam Generator & its auxiliaries. The deed of joint undertaking shall be submitted along with the bid document failing which the Bidder shall be disqualified & his bid shall be rejected. In case of award, the Associate Manufacturing Company will be required to furnish an on demand bank Guarantee for 1.0 % (One Percent) of the total contract price of Main Plant Package Part-A in addition to the contract performance securities to be furnished by the Bidder.</p>	<p>performance of Steam Generator & its auxiliaries as per the format enclosed in the bid document to the effect that the OEM/AMC and the Bidder are jointly and severally liable to the Owner to perform all the contractual obligations including the technical guaranties for the complete Steam Generator & its auxiliaries. The deed of joint undertaking shall be submitted along with the bid document failing which the Bidder shall be disqualified & his bid shall be rejected. In case of award, the OEM/AMC will be required to furnish an on demand bank Guarantee for 1.0 % (One Percent) of the total contract price of Main Plant Package Part-A in addition to the contract performance securities to be furnished by the Bidder.</p> <p>iii) In the event, the Bidder is sourcing the Steam Generator and its auxiliaries from the manufacturer who is manufacturing the equipment under a valid License from the Original Technology Holder as contemplated at (i) above, the Bidder shall along with the bid document furnish a deed of joint undertaking executed between the Bidder and the Licensee of the Technology and the Technology Licensor for the successful performance of Steam Generator & its auxiliaries as per the format enclosed to the effect that the Licensee & Licensor and the Bidder are jointly and severally liable to the Owner to perform all the contractual obligations including the technical guaranties for the complete Steam Generator & its auxiliaries. The deed of joint undertaking shall be submitted along with the bid document failing which the Bidder shall be disqualified & his bid shall be rejected. In case of award, both the Licensee and Licensor of the Technology will be required to furnish separately an on demand bank Guarantee for 0.5 % (zero point five Percent) of the total contract price of Main Plant Package Part-A in addition to the contract performance securities to be furnished by the Bidder.</p>
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Amendment to Commercial Conditions of Contract – Com-2 SG

4	Section A-2, Anx-VII ICB Activity- Time Line	Deadline for Submission of Bid - 15-11-2010 – 14.00 Hrs Opening of Bid Security and BQR- 15-11-2010 – 16.00 Hrs	Deadline for Submission of Bid - 14-12-2010 – 14.00 Hrs Opening of Bid Security and BQR- 14-12-2010 - 16.00 Hrs
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