

ANNEX 23

TECHNICAL CONDITIONS COMPATIBLE WITH THE INITIAL INVESTMENTS AND SYSTEM OPERATION NECESSARY TO CONTRACT SIGNATURE

**SPONSORED CONCESSION FOR THE PUBLIC SERVICES OF OPERATION, MAINTENANCE AND
MAKING OF INVESTMENTS NECESSARY FOR EXPLORATION OF THE ROAD SYSTEM CALLED
THE RODOANEL NORTE LOT**

Requirements to be proven by the WINNING BIDDER, as a condition for signing the AGREEMENT, which can be done through its own certificates or issued in the name of a controlled, controlling company, affiliate and / or companies under common control of the WINNING BIDDER, directly or indirectly, provided that the situation (of a controlled company, parent company, affiliate and / or companies under common control, directly or indirectly) is duly proven and is in force since the date prior to the publication of the REQUEST-FOR-BIDS, or in the name of a professional (s) or company (s)) to be subcontracted by the WINNING BIDDER, through the subcontracting process.

1. TECHNICAL CONDITIONS REQUIRED AS A CONDITION FOR CONTRACT SIGNATURE

- 1.1 For the purpose of proving the technical conditions necessary for the signing of the AGREEMENT, a certificate of registration of the company and its technical responsible(s) must be presented at the Regional Council of Engineering and Agronomy - CREA.
- 1.2 The proof of previous experience, related to sub-items 1.4 and 1.5 below, may be done by presenting the certificate(s) of technical responsibility of the qualified professional(s) indicated by the WINNIG BIDDER, by certificate(s) and / or attestation(s) of suitability in the name of the WINNIG BIDDER or by means of attestation(s) of suitability in the name of a subcontracted company, according to the following provisions.
- 1.3 The documents mentioned in subitem 1.2 must be issued by public or private entities, on the declarant's letterhead, with identification of their legal representative and information for possible contact by CEL, and, as applicable, duly registered by the councils that regulate the exercise of the respective professions.
- 1.4 For the purposes of proving the technical conditions compatible with the requirements necessary for the signature of the Contract, the following must be demonstrated:
 - a) Experience in preparing road safety studies and projects.
 - b) Experience in preparing studies and projects for road extensions.
 - c) Experience in preparing road conservation studies and projects.
 - d) Evidence of earthmoving services containing, at least: (i) excavation of 1st and 2nd category material with at least 279.741 m³ (two hundred and seventy-nine thousand, seven hundred and forty-one cubic meters), relative to 50 % (fifty percent) of the estimated quantities for the most representative intervention in the CONCESSION; and (ii) excavation of 2nd and 3rd category material, with explosives with a minimum of 141,408 m³ (one hundred and forty-one thousand, four hundred and eight cubic meters), relative to 50% (fifty percent) of the estimated quantities for the major intervention. representativeness in the CONCESSION; and (iii) transportation of any nature, at least 10,542,611 m³ x km (one million seven hundred ten million, five hundred and sixty four-thousand nine hundred, six hundred and twenty-nine eleven cubic meters times kilometer), relative to 50% (fifty percent) of the quantitative estimated for the most representative intervention in the CONCESSION.
 - e) Evidence of the performance of paving services containing: asphalt cement paving with at least 107,330 m² (one hundred and seven thousand, three hundred and thirty square meters), relative to 50% (fifty percent) of the estimated quantities for the intervention of greater representativeness in the CONCESSION.
 - f) Proof of execution of services for the execution of special works of art containing, at least: (i) an area equivalent to 25,961 m² (four twenty-five thousand, nine hundred and seventy-six square meters); or (ii) an extension of 1,325 m per track (one thousand, three hundred and twenty-five meters per lane), both related to 50% (fifty percent) of the estimated quantities for the most representative intervention in the CONCESSION.
 - g) Proof of experience: (i) in environmental licensing processes for road works with dimensions and characteristics similar to the object of this Bidding; and (ii) knowledge of environmental management in transport works (highway or railroad).

- 1.4.1. For items "a", "b" and "c" of item 1.4, the experiences must be proven by means of a single certificate for each of the listed requirements;
- 1.4.2. For items "d", "e", "f" and "g" of item 1.4, the conditions indicated may be proven, considering each investment or the whole, by means of a single certificate for each of the listed requirements, or through the sum of, at most, 3 (three) certificates for each item, provided that in a single one, at least 50% of the required quantity is proven;
- 1.4.3. The CONCESSIONAIRE may use the same certificates to prove the qualification of different contractual items.
- 1.4.4. For the purposes of evaluating the technical conditions provided for in item 1.4., Especially paragraphs "d", "e", and "f", the quantitative performed, as well as the realization schedules in comparison with the AGREEMENT parameters, may be considered in the analysis. .
- 1.5. For the purpose of proving the technical conditions for the operation of the ROAD SYSTEM necessary for the signing of the AGREEMENT, the following must be demonstrated:
 - a) Experience in the administration, management and operation of highways, with a volume of annual average daily traffic (AADT) greater than 35,000 (thirty-five thousand) vehicles, and proof of operation of, at least, 22km (twenty-two kilometers) of highway extension.
 - b) Experience in the elaboration and execution of signaling projects, projects of road containment devices, maintenance and conservation of vertical signs, horizontal signs and construction signs.
- 1.5.1. For item "a" of item 1.5, the quantities indicated must be proven by means of a single certificate for each of the listed requirements;
- 1.5.2. For item "b" of item 1.5, the conditions indicated may be proven by means of different certificates.
- 1.6. Certificates of technical responsibility will only be accepted if the qualified professional has a link with the WINNING BIDDER or CONCESSIONAIRE, on the date for the presentation of the documents that constitute conditions for signing the AGREEMENT.
- 1.6.1. The proof of the bond may be provided through an articles of organization, registration in the professional card, employee record, employment contract or technical assistance contract.
- 1.6.2. The CONCESSIONAIRE may change the qualified professional mentioned in 1.6 at any time, as long as the same requirements required in this ANNEX are fulfilled.
- 1.6.3. The certificates of technical responsibility, when related to engineering works and activities, must additionally contain the description of the type of work carried out, with indications of the area in square meters, of the works carried out and the execution term, in addition to being accompanied by the respective Technical Collection Certificates - CAT, issued by CREA.
- 1.7. It will also be possible to prove the qualification by means of certificate(s) and / or attestation(s) of aptitude on behalf of the professional(s) or company(ies) to be subcontracted by the CONTRACTOR, through the subcontracting process.
- 1.7.1. In the event of use of the faculty mentioned in subitem 1.7, the use of third-party attestation and certificates must also be accompanied by a letter (s) or contract (s) of intention signed by the company(ies) directly holding(s) technical conditions, indicating that it will assume the obligation to participate in the CONCESSION, prior to the start of the investment to which it relates,
 - 1.7.1.1. The CONCESSIONAIRE may change the subcontractor mentioned in 1.7.1 at any time, provided that the same requirements required in this ANNEX are fulfilled.

- 1.8. The experience required in this ANNEX may also be proven by means of certificates issued in the name of a controlled company, parent company, affiliate and / or companies under common control of the WINNING BIDDER, directly or indirectly, and a foreign parent company with a Brazilian subsidiary and foreign parent company with a Brazilian subsidiary, provided that the situation (of controlled company, parent company, affiliate and / or companies under common control, directly or indirectly, and foreign parent company with a Brazilian subsidiary) is duly proven and effective from the date prior to the publication of the REQUEST FOR BIDS.
- 1.8.1. The relationship between the WINNING BIDDER and the company that holds the documents proving the experience contained in item 1.8 of this REQUEST FOR BIDS, must be proven through the presentation of (i) the organizational chart of the ECONOMIC GROUP that demonstrates the corporate relationship(s) between the WINNING BIDDER and the company holding the aforementioned supporting documents; and (ii) corporate documents, pursuant to applicable legislation, which support the corporate relationships indicated in that organizational chart, such as articles of association, articles of association, share register books (including book-entry shares), share transfer register books (including book-entry shares) and quotaholders' or shareholders' agreements.
- 1.8.2. In the case of corporate changes and mergers, incorporations or spin-offs of the companies, the certificates will only be considered if accompanied by documentary and unequivocal proof of the definitive transfer of the technical collection, except if the case also falls under the hypothesis of item 1.8, when it must then comply with the requirements provided for in that item.
- 1.8.3. Any other certificates that do not result from the corporate events highlighted above will not be considered valid.
- 1.8.4. Documents and attestations must be issued by public or private bodies or entities contracting the attested object, on the declarant's letterhead, with identification of their legal representative and information for eventual contact.
- 1.9. The conformity of the certificates can be confirmed through diligence, and in its non-conformity, when it does not allow proof of the required qualification, the WINNING BIDDER will be prevented from entering into the AGREEMENT, without prejudice to other sanctions that may be applicable.
- 1.10. It is recommended, for the purpose of standardization, that the certificates and aptitude certificates presented for the purpose of proving the requirements provided herein contain the following information, without being limited to, or accompanied by them:
- (i) Purpose;
 - (ii) Characteristics of the activities and services developed;
 - (iii) Total value of the project and percentage of the company's participation;
 - (iv) Dates of start and end of the activities and services;
 - (v) Dates of start and end of the company's participation in the consortium, when the certificate has been issued in the name of the consortium;
 - (vi) Dates of start and end of the participation of the professional linked to the activity;
 - (vii) Description of the activities carried out in the consortium, when the certificate has been issued in the name of the consortium;
 - (viii) Location where activities and services are carried out;
 - (ix) Issuer's corporate name; and

(x) Name and identification of the signatory.

- 1.11. The certificates may refer to contracts in progress, provided that the quantities and technical characteristics of the object already carried out are compatible with the object of this BIDDING.
- 1.12. It will be admitted as equivalent to the certificates, for the purpose of proving the technical conditions object of this ANNEX, Documents such as contracts, letters or declarations from financial institutions, regulatory agencies or granting authorities, as the case may be, as well as audited financial statements of the projects carried out or another document that demonstrates the required experience..
- 1.13. If the content provided for in this ANNEX as a condition for demonstration or regularity of the demonstrated technical condition is not in the respective attestation (s), the missing information may be confirmed by other documents, including, if applicable, a statement by the WIINIG BIDDER, and CEL, if deemed pertinent and necessary, take steps to ensure the correctness of the information.
- 1.14. The evidences required in this ANNEX may be done by means of certificates issued in the name of the SUCCESSFUL BIDDER or declarations by the SUCCESSFUL BIDDER, in the case of its own undertakings, which must be accompanied by the documents necessary to prove their veracity.
- 1.15. The WIINIG BIDDER must present clearly and unequivocally the relevant data of the presented certificates, and must, for possible complementation of required information, attach other supporting documents, such as: copies of the contract referred to in the certificate; service orders and / or other pertinent.
- 1.15.1. Under no circumstances will the documents listed in item 1.15 replace the certificate.
- 1.16. In prestige to the principle of instrumentality of forms, errors or formal non-conformities will not prejudice the verification of the technical conditions provided herein, when possible, the verification of technical conditions by diligence or other forms of demonstration accepted by CEL.