



MUNICIPALITY OF THE CITY OF VENADO TUERTO
SUB-SECRETARIAT OF PUBLIC WORKS

PUBLIC TENDER NO. 013/2025
“Provision of ready-mixed concrete for construction”



MUNICIPALITY OF THE CITY OF VENADO TUERTO
SUB-SECRETARIAT OF PUBLIC WORKS

PUBLIC TENDER NO. 013/2025
SUPPLY OF PREPARED CONCRETE PUT ON SITE

~~Official budget: \$225,000,000.00~~ (two hundred twenty-five million pesos).

~~Bid Guarantee: 1% (one percent)~~ of the official budget.

~~Withdrawal of the Document:~~ The maximum date established for withdrawal of the file is **April 29, 2025**, until **8:30 a.m.**, from the publication of this document, at the Logistics and Supplies Directorate, located at 789 25 de Mayo Street, Venado Tuerto Municipality, **free of charge**.

~~Bids are accepted: April 29, 2025, until 9:00 a.m.~~

~~Act of opening envelopes: _____~~

* ~~Location:~~ Venado Tuerto Municipality – Meeting Room – San Martín Street
899 - CP 2600 – City of Venado Tuerto - Province of Santa Fe.-

* ~~Date:~~ **April 29, 2025**.

* ~~Time:~~ **10:00 a.m.**



MUNICIPALITY OF THE CITY OF VENADO TUERTO
UNDERSECRETARY OF PUBLIC WORKS

PUBLIC TENDER NO. 013/2025
SUPPLY OF PREPARED CONCRETE PUT ON SITE

TERMS AND CONDITIONS

Clause 1: PURPOSE

1. The Municipality of Venado Tuerto, within the framework of Organic Law No. 2756 of Municipalities, calls for a Public Tender for the purpose of **Providing ready-mixed concrete** for the construction of new pavements, patching of existing pavements, construction of curbs and gutters throughout the city, and for the reconstruction of the treatment plant, which are detailed below:

ITEM	Material	Amount
1	Ready-Mixed Concrete H-30	1,500 m ³

Clause 2: CONSULTATION AND PURCHASE OF THE SPECIFICATIONS

2.1. Consultation: The bidding document is available for consultation at the Logistics and Supplies Directorate (tel./fax No. 421417 – ext. 262/269), dependent on the Economic Development Secretariat of the Municipality of Venado Tuerto, located at 789 25 de Mayo Street, this city, on administrative business days, from 8:00 a.m. to 12:00 p.m. It may also be consulted on the Municipality's website. For technical inquiries, please contact the Undersecretariat of Public Works of the Municipality of Venado Tuerto (TE No. 421401/436383), located at 1150 Ovidio Lagos Blvd. (Route No. 8 and Vuelta de Obligado), this city.

2.2. Acquisition: Interested parties may collect a complete set of the Terms and Conditions of the Bid free of charge at the offices described in section 2.1 of this document. Participation in the bidding process requires the submission of the tender documents, duly signed by the person responsible for the offer. Files can be collected until **April 29, 2025, at 8:30 a.m.**

2.3. SCHEDULES: All procedures indicated in this and the other articles of this file must be carried out on business days for the Municipal Public Administration, during the hours established by each department.

Clause 3: ADDITIONAL INFORMATION

3.1. Doubts: Any doubts that may arise regarding the content of the bidding document must be raised in writing to the reception desk of the Secretariat of Economic Development, located on Belgrano and 25 de Mayo streets in said city, Province of Santa Fe, requesting any clarifications deemed necessary, which may be



make up to 2 (two) business days prior to the date set for the Opening of this Tender.

3.2. Clarifications: The Municipality will make the responses or clarifications, in the form of "Circulars," available to all purchasers of the bidding documents at the Undersecretariat of Public Works. They may present themselves at said office to receive notification of the clarifications or modifications and to obtain a copy of them.

Likewise, all Circulars must be published on the Municipality's website and attached to the files acquired after their issuance.

Clause 4: FORM OF PRESENTATION AND OPENING OF PROPOSALS

4.1. Envelope Opening Ceremony: The Envelope Opening Ceremony for this Public Tender will be held in the Meeting Room of the Municipality of Venado Tuerto, San Martín Street 899, city of Venado Tuerto, province of Santa Fe, on **April 29, 2025, at 10:00 a.m.**, or the first business day following, at the same time, if it falls on a holiday.

The Municipality reserves the right to postpone the bidding process for up to 30 (thirty) calendar days; such circumstance will be duly notified to the purchasers of this file, and the postponement will be published in a manner similar to that of the call for bids, so that those who may be interested but have not yet purchased the file may apply.

The Envelope Opening Ceremony will be presided over by authorized officials.

A corresponding record will be drawn up of all the actions taken, which, after being read, will be signed by the officials involved and by those attending the event who wish to do so.

4.2. Submission of Proposals: Proposals must be submitted in original form, in a sealed envelope, which must bear the following external indication:

MUNICIPALITY OF VENADO TUERTO
PUBLIC TENDER NO. 013/2025
SUPPLY OF PREPARED CONCRETE PUT ON SITE
"DO NOT OPEN BEFORE 10:00 AM ON APRIL 29, 2025"

The envelope must be submitted to the reception desk of the Economic Development Secretariat of the Municipality of Venado Tuerto, located on Belgrano and 25 de Mayo Streets in the city of Venado Tuerto, by 9:00 a.m. on April 29, 2025.

If the envelope is delivered unsealed, or if the delivery is made by mail, the Municipality will not assume any responsibility in case the offer is misplaced or opened prematurely.

4.3. Documentation to be submitted: The proponent must submit the following documents:

4.3.1. Deposit as a guarantee for maintaining the Offer: It will be made to the order of the Municipality of Venado Tuerto, for the AMOUNT EQUIVALENT TO 1% (ONE PERCENT) of the amount of the official budget.

The Offer Guarantee Deposit, indicated above, may be constituted in the following ways:

1. Surety Insurance Policy, granted by an Insurance Company, accepted by the Insurance Superintendency of the Argentine Republic.
2. Cash deposit or electronic bank transfer to be made to account No. 022-638/09 – CBU No. 3300022810220000638093,



Venado Tuerto branch of the New Bank of Santa Fe, in the name of the Municipality of Venado Tuerto.

Any proposal submitted without the Bid Security Guarantee will be rejected by the municipal administration for not meeting the requirements of the bidding documents.

In case 1, it is established that the insurance company must be constituted, in relation to the proponent, as a plain, simple and main payer without benefit of division or foreclosure of the debt.

4.3.2. General documentation: Submit a photocopy of the bidder's tax, social security and contribution registrations and municipal business permit.

4.3.3 The bidder must prove the operation of a concrete plant and the availability of the necessary materials, in order to process at least 150 m³ (one hundred and fifty cubic meters) of concrete in a work day of 8 (eight) continuous hours, covering the necessary supply to execute an average block of pavement in the city of Venado Tuerto.

In turn, and due to a matter of delivery times and logistics, it must have at least 4 (four) mixer trucks working dynamically in the transfer of concrete to the site, during the paving of an urban artery.

If the bidder fails to provide proof of any of these points, they must provide technical justification for the load and delivery diagram for evaluation by the Undersecretariat of Public Works.

4.3.4 In the case of legal entities (Public Limited Companies, Limited Liability Companies, etc.), certified photocopy of the relevant legal documentation (as applicable: Articles of Incorporation, Bylaws, power of attorney, etc.) that allows the identity and representation invoked by the signatory of the proposal to be accredited.

4.3.5. If you are a sole proprietorship or a de facto partnership, attach a certified Statement of Assets or Affidavit of Income and Personal Assets.

Proof of registration and payment of last quarter's ANSES-AFIP-API or provincial taxes.

4.3.6 This bidding document duly initialed on each of its pages by
the signatory of the Proposal.

4.3.7 Affidavits: according to the model inserted in this document.

- a) Establishment of legal domicile in the province of Santa Fe.
- b) Declaration of acceptance of the jurisdiction of the Ordinary Courts of Venado Tuerto for any judicial matter that may arise.
- c) Declaration that neither the company nor any of its partners or managers are in any of the situations listed below:
list:
 - have been declared bankrupt;
 - be in bankruptcy proceedings;
 - belong to the municipal staff, in any of its forms of contracting, or to the Municipal Cabinet;

 - not be inhibited or be a debtor of the State;
 - be convicted of a crime against public faith.



4.3.8 The Economic Offer containing the description and quality of each item quoted (as applicable), the unit price, and the total price for the provision of all items quoted, in numbers and letters, properly completing the Quotation Form, which must be prepared according to the model inserted in this file for this purpose.

4.3.9 The company's telephone numbers.

4.3.10 The delivery note(s) corresponding to the samples delivered from each of the quoted items, if applicable.

4.4. Presentation formalities: All of this documentation must be submitted in print and/or ink, signed and sealed (if applicable) at the bottom of the text on all pages.

This documentation may be supplemented with annexes (with additional computer elements).

4.5. Missing Documentation, Rejection of the Offer: At the same Opening Ceremony, the Offer of the Proponent whose envelope does not contain the elements indicated under the points of section 4.3 of this document will be rejected.

The Bidder may remedy such omission within a period of 2 (two) administrative business days from:

- I) The Opening Date of this Tender: if the omission is noted at the Envelope Opening Ceremony itself; and the interested party is present at said ceremony.
- II) The date of receipt of the respective intimidating notification: if the omission was observed, a posteriori, during the period of study of the Offers.

If the deadline has elapsed without the Proponent having corrected the observed omission, the Offer will be rejected.

4.6. Analysis of the documentation: The Municipality may reject all or part of the documentation, partially the documentation submitted.

It may also require the Proponent to submit additional or explanatory material.

Failure to comply with the above provisions within the time and/or manner indicated in the intimidating document sent to the company for this purpose will result in the Bid being rejected.

4.7. Analysis of the Economic Offer: If operational errors are found in any of the partial amounts on the Quotation Sheet, the total amount of the proposal will be adjusted, validating the unit prices of the items.

It is duly established that the quoted prices will not admit modifications or adjustments of any kind in the cost calculation, rejecting any invocation of errors due to the incidence of taxes, fees, or contributions, the incidence of salary increases or social security contributions, etc.

Clause 5: QUOTATION METHOD

5.1. Scope: The Proponent may submit an Offer for one, several or all of the requested items.

5.2. Currency: Offers must be made in pesos.

5.3. Relationship to VAT: Bidders must include Value Added Tax in their Proposals (unit and amount prices).



Clause 6: MAINTENANCE OF OFFERS:

6.1. Term: The Bidder is obliged to maintain the quoted price for a period of 30 (thirty) business days from the date of the Opening of the Tender.

6.2. Extension: In exceptional circumstances, the Purchaser may request that Bidders extend the validity period of their bids. This request and the responses will be made in writing. The Bid Security will also be extended accordingly. The Bidder may refuse this request without losing its Bid Security.

Clause 7: SAMPLES

The buyer or its representatives shall have the right to inspect or test the materials to verify their conformity with the contract specifications.

The buyer requires the tests and inspection procedures provided for in the Technical Specifications.

The buyer shall notify the supplier in writing of the names of the persons who will represent him for this purpose.

Inspections and tests may be carried out at the supplier's or subcontractor's facilities, at the delivery location, or at the final destination of the materials.

When carried out at the supplier's or subcontractor's premises, inspectors shall be provided with all reasonable facilities and assistance, including access to designs and production data, at no charge to the purchaser.

If the inspected or tested materials do not conform to specifications, the buyer may reject them and the supplier shall, at no charge to the buyer, replace or modify them to the extent necessary to meet the specifications.

Inspection, testing, or approval of materials by the buyer or its representatives prior to shipment from the country of origin shall not in any way limit or extinguish the buyer's right to inspect, test, and, where necessary, reject the materials upon arrival in its country.

Nothing in Clause 6 shall relieve the Supplier of its warranty or other obligations under the Contract.

Clause 8: ESSAYS

The Municipality reserves the right to perform any tests it deems necessary on the samples submitted by Proponents as provided in Clause 7 and/or on samples taken at random from each of the lots delivered by the Successful Bidder for each Item, in order to determine whether their qualities are adequate, taking into account the provisions established by the Municipality in this file, as indicated in the written documentation in the Proposal, the qualities of the samples submitted and/or the qualities of the elements of the other lots delivered by the Successful Bidder(s). Should such tests yield results that indicate the unsuitability of the tested elements, for articles of adequate qualities at the exclusive expense and risk of the Successful Bidder(s).

In both cases, the Municipality, in defense of its interests, reserves the right to initiate the corresponding administrative and/or legal actions against the Proponent or the Successful Bidder (as the case may be).

All expenses arising from the performance of these tests (shipping, fees of the Organizations that carry them out, etc.) will be the exclusive responsibility, account and risk of the Proponent or the Successful Bidder (as the case may be).



Clause 9: EQUAL PRICES

9.1. Conditions: If a coincidence of prices and conditions offered is verified among the submitted and admissible Proposals, at the discretion of the Municipality, it may call for Price Improvement, exclusively among those Proponents in which the aforementioned coincidence is verified, to be presented in writing and in a sealed envelope, indicating, for this purpose, the day and time within a term that will not exceed 10 (ten) business days counted from the date of the Opening of the Tender.

9.2. Background Competition: When the match between the most convenient Proposals is not resolved within the procedure indicated in the previous paragraph, the award will be made by Background Competition between the Proponents or by drawing lots among them.

Clause 10: CHALLENGES

Bidders will have the right to learn about all the actions taken in this bidding procedure during the business day following the date of opening of the envelopes of this tender, going for this purpose to the municipal office where the act was carried out, and may, within 2 (two) business days following the expiration of the previous term, submit in writing any objections they deem appropriate.

Likewise, any person demonstrating interest may, at any time, take note of the actions related to the tender, except for the bid evaluation stage, understood as the period between the expiration of the deadline established for taking note referred to above and notification of the award.

Challenges must be submitted in writing, stating the legal and factual reasons on which they are based, to the reception desk of the Economic Development Secretariat of the Municipality of Venado Tuerto, located at the address indicated in section 3.1 of this file.

Challenges to third-party offers or to unfounded bidding acts, or those that are insignificant or lacking in importance and that, in the opinion of the Municipal Executive Department, have had the purpose of hindering the award process, will make the person who made them liable to the loss of the Offer Security Deposit.

Clause 11: ACCEPTANCE OF PROPOSALS

The Municipality reserves the right to:

- a) accept the Offers that it considers most convenient to its interests, or reject them all;
- b) declare the Tender void or render it void;
- c) declare the Tender void if the bidding process has been flawed, or if the officials have violated the provisions established in this file.

Likewise, the Municipality may reject the Offer for the item(s) in which the Proponent:

- a) quote for elements with characteristics and/or types different from those established in this file;
- b) does not present in time and form all the elements required in Clause 4 of this Document;



c) submit their proposal by modifying and/or ignoring the forms and conditions established in the bidding document, without the right to any claim of any kind on the part of the interested parties or bidders.

Clause 12: AWARD

12.1. Form:

This Tender will be awarded by item.

The fact that only one Proposal is received does not prevent or oblige the award.

12.2. The general criteria for awarding each item will be determined by the Offer deemed by the Municipality to be the most appropriate, solely based on its own technical and/or economic interests, without giving rise to any right to claim by the Proposing companies.

In accordance with Ordinance No. 5925/2025, approved by the Municipality of Venado Tuerto, the "BUY LOCAL" system will apply to this tender. If the conditions established therein are met, the affected bidders will be duly notified.

12.3. Notification of the award: Once the relevant administrative procedures have been completed, the Municipality will issue the corresponding legal instrument approving the Bidding Document (Award Decree); the successful bidder will be notified by certified means, with a transcript of the relevant portion.

Notification of the award will constitute the completion of the Contract.

Within 20 (twenty) days of notification of the award, the Buyer must provide the Successful Bidder with the Contract containing all the agreements between the parties and the successful bidder must sign and seal it.

The SUPPLIER will be responsible for 50% of the mandatory stamping and/or fiscal sealing of this contract, according to current provincial tax law; therefore, this cost must be included in the offer. The Municipality is exempt from paying the remaining 50%.

12.4. Prior obligations of the Successful Bidder: Within 10 (ten) days of notification of the award, the company that is the successful bidder must:

12.4.1. Establish the Performance Guarantee for the Contract, equivalent to 10% (ten percent) of the contract price, in any of the forms established in point 4.3.1 of clause 4 of this Tender Document, for the duration of the obligations arising from this Tender, as a guarantee of its fulfillment.

The Performance Guarantee shall be cancelled by the Buyer and returned to the Supplier no later than 30 (thirty) days after the date on which the Supplier has fulfilled its contractual obligations, including those of the warranty for the goods or services.

In the event of non-compliance by the Awardee, in time and/or form, with the provisions set forth above, the Municipality reserves the right to:

- to annul the award of this Tender,
- take the Offer Security Deposit as partial payment and on account of the definitive damages and losses suffered by the Administration.

12.4.2. Present a copy of the Statute and/or Articles of Association, if it has suffered any modification. modification in relation to that submitted in a timely manner as required in point 4.3.4.

Clause 13: INTERPRETATION



13.1. Jurisdiction: Any matter arising from the fulfillment of the obligations arising from this Tender shall be the jurisdiction of the Ordinary Courts of Justice of the city of Venado Tuerto, and the Successful Bidder shall therefore submit to said jurisdiction.

13.2. Legal address: The Municipality of Venado Tuerto has established its legal address at 899 San Martín Street in this city, and the Successful Bidder has established the legal address established in its Offer, the latter being in the city of Venado Tuerto, province of Santa Fe.

Clause 14: LOSS OF SECURITY DEPOSIT FOR THE OFFER

If the Bid is withdrawn before the award is resolved and within the Proposal maintenance period, the Bidders will lose the Bid Security Deposit.

In the event of non-compliance by the Bidder(s) and/or Successful Bidder(s), or improper withdrawal of the Bids, the Bid Security Deposit will be taken as partial payment and as an account of any final damages suffered by the Administration.

Clause 15: RETURN OF SECURITY DEPOSITS FOR THE OFFER

Once the Tender has been resolved, the Bidders whose Bids have not been accepted will be returned to the Bid Escrow, without them having the right to claim any compensation for non-awarding.

The Bid Security deposit must be withdrawn within a maximum period of 3 (three) months from the award decision; after this period, all rights will be administratively void, and the funds will be appropriated when applicable according to the method of deposit constitution.

Once all obligations and responsibilities arising from this Tender have been fulfilled, at the request of the Successful Bidder and with the authorization of the Undersecretariat of Public Works, the Security Deposit of the Offer will be returned when applicable.

Clause 16: DELIVERY

16.1 Term: Within 10 (ten) calendar days from the date of receipt of the notification of the Award Decree, the Awardee(s) of the provision of each item must begin to formalize the partial deliveries, in the quantities required by the Buyer.

The successful bidder(s) must complete the delivery of all the elements included in each of the items awarded to them within a maximum period of two (2) months, counting from the date of signing the relevant contract. This period may be extended if inclement weather prevents the normal fulfillment of the supply tasks.

16.2. Location: Deliveries will be made to the works indicated by the Undersecretariat of Public Works, respecting in all cases the quantities established in each request.

The Buyer may reject the elements delivered by the Awardee(s) if they do not adequately correspond to the samples duly delivered as established in clause 7, and with the other requirements demanded in this bidding document.



The receipt of the delivered items will be considered "provisional" until the Buyer verifies the quantities and qualities of the materials received.

Clause 17: PAYMENT METHOD

The Municipality of Venado Tuerto will pay the invoice(s) submitted by the successful bidder for partial or full deliveries within 15 (fifteen) calendar days after receipt thereof by the Logistics and Supplies Directorate. Payment will be formalized by bank transfer to the respective account indicated by the Supplier for this purpose. If the invoice is not in proper form or does not comply with the stipulated conditions, it will be returned to the Supplier within the first 5 (five) days of its submission, who must correct any errors or deficiencies and resubmit it for confirmation. Once the invoice is resubmitted for payment, the aforementioned period will begin to count again. The effects of any delays arising from these circumstances will be borne exclusively by the Supplier, who shall not be entitled to collect interest or updates of any kind.

Clause 18: OBLIGATIONS OF THE SUCCESSOR

Failure by the Successful Bidder to comply with the clauses contained in this document will subject them to the penalty established by the Executive Department, which may include the total loss of the Bid Security Deposit, which amount shall be paid to the Municipality without delay.

Clause 19: FINES

The Awardee(s) shall be responsible for communicating in writing to the corresponding department all causes of force majeure, regardless of their origin, that prevent or affect the delivery of any item, which shall be accepted or rejected at the sole discretion of the Municipality.

For deficiencies in the quality, quantity or timeliness of the delivery of any item, as well as when the written orders issued by the Undersecretariat of Public Works or any of the conditions established in this file are not met, a fine will be applied that may vary between 1% (one percent) and 15% (fifteen percent) on the amount invoiced for the item, depending on the magnitude of the non-compliance, at the sole discretion of the Municipality, as established below:

- from 1% to 5% (one percent to five percent) for deficiencies, quantity or opportunity of the delivery of any item;
- 10% (ten percent) when the written orders issued by the Secretariat of Public Works and Planning or some of the conditions established in this file are not met;
- 15% (fifteen percent) for repeated non-compliance, or second violation, of the provisions set forth in the previous points.

In the event of a fine being applied, the Undersecretariat of Public Works, after notifying the Contractor for a period of 48 (forty-eight) hours, will issue the Resolution on the matter.

If non-compliance and/or deficiencies occur after the second reiteration, the Undersecretariat of Public Works may order the termination of the contract.

Fines will be effective by deducting their amount from the corresponding invoice.

The fine applied for delay in the delivery of any item does not authorize the Awardee to extend the established deadline for all items.



awarded, nor does it release him from regularizing the non-compliance that corresponds to him according to the established conditions.

Clause 20: LIABILITY OF THE SUCCESSOR

The controls and approvals carried out by the departments mentioned in this file do not exempt the Successful Bidder from any of its responsibilities for the due fulfillment of the obligations arising from this Tender (labor, tax, social security, etc.) that apply during its validity period, whether or not they have been observed by said offices.

It is also established that final acceptance does not release the Awardee from liability arising from defects in workmanship and/or manufacturing defects that may be observed due to the use of these elements, whether or not they have been observed by the respective departments.



MUNICIPALITY OF THE CITY OF VENADO TUERTO
SUB-SECRETARIAT OF PUBLIC WORKS

PUBLIC TENDER NO. 013/2025
SUPPLY OF PREPARED CONCRETE PUT ON SITE

TECHNICAL SPECIFICATIONS

1. MATERIALS

1.1. The Supplier is responsible for the quality of each material it provides. Periodically, or when the Inspection deems it necessary, it will verify that the material shipments have the same characteristics as the approved samples.

If the Contractor wishes to change the materials, he must obtain prior approval as in the initial case.

2. PORTLAND CEMENT

2.1.1. **Description:** Only standard Portland cement of approved brands that meet the quality conditions established in IRAM Standard No. 1503 will be used for the execution of the work.

2.1.2. **Mixture of different classes or brands of cement:** Mixture of different classes or brands of cement will not be permitted. cements of different classes or brands or cements of the same class, but from different factories, even if their respective samples have been tested and approved.

2.1.3. **Cement storage:** The supplier responsible for the provision of the materials will unload them at the location previously indicated by the Inspection.

If the cement is received in bags, these shall be stacked in layers on a suitable floor and the sides of the piles shall be at least thirty centimeters away from the walls of the warehouse.

If cement is delivered in bulk, loading, transportation, and unloading shall be carried out using suitable methods, devices, and vehicles that prevent its loss and fully protect it from moisture and contamination.

2.1.4. **Cement quality at the time of use:** At the time of delivery, the cement must be in perfect powdery state and comply with all tests, which will be carried out by DIYET, in accordance with the methods established in IRAM standard No. 1503 and, in addition, if the cement has not been stored in the construction warehouse, the supplier must present evidence to the inspection that said cement has been parked in the factory for a maximum period of 30 (thirty) days.

2.1.5. **Responsibility for cement deterioration:** Once in its possession, the supplier is responsible for all cement shipments received, and therefore must take the necessary steps to adequately protect it during unloading and subsequent storage. Deteriorated cement must be removed within 48 hours of notification from the Inspection. The cost of the cement



deteriorated or lost that has been used will be discounted when paying for the work certificates.

2.2. Water for Portland Cement Mortars and Concrete

Sampling, the containers in which they will be collected, and their labeling will be carried out in accordance with the specifications of IRAM Standard 1601. Water with a dissolved substance content within the following limits will be considered suitable for mixing and/or curing mortars and concrete.

----- Solid residue at 110°C. Maximum -----	5 gr/lt
----- PH, must be between -----	5.5 and 8.0
----- Sulfates, expressed in (SO=) maximum 600 ppm -----	
----- Chlorides, expressed in (C1) maximum 1000 ppm -----	
----- Iron, expressed as (Fe +++) maximum 1 ppm -----	
----- Total alkalinity, in Co3 Ca, maximum -----	1200 p.p.m.
----- Organic matter at maximum O2' -----	3 p.p.m.

When the analyzed water exceeds any of the limits set above, it may also be considered suitable when the setting time values obtained with the cement paste prepared with suitable water do not differ by minus (-) plus 10% for the initial set and by plus (+) more than 10% for the final set and provided that the compressive strength test does not record a reduction greater than 10% in the values obtained with the molded test pieces of the mixture prepared with the water under examination, with respect to those obtained with the test pieces prepared with the comparison mixture. When the results of any of the setting time and compressive strength tests do not qualify within the limits set above, the water will be rejected.

2.3. Fine Aggregate:

2.3.1. The fine aggregate permitted for use is natural silica sand or sand resulting from the crushing of rocks and gravel, with the same durability, wear resistance, toughness, hardness, and absorption characteristics as the coarse aggregate specified in Chapter 3-5. Preference shall be given to the use of natural silica sand. Rock or gravel crushing sand shall only be permitted if used in a mixture with natural rounded-particle sands, or if the concrete contains 3% (three percent) or more of intentionally entrained air. When crushing sands are used in conjunction with rounded-particle sands, the proportions of both shall be those necessary to obtain workable and homogeneous concrete. The same condition applies to the use of air-entrained sand. If this condition cannot be met, the use of crushing sand as the sole fine aggregate shall be abandoned.

2.3.2 The sand shall have clean, hard, resistant, durable grains, without any adhering film, free from harmful amounts of dust, lumps, soft or laminar particles, alkalis, marls, clays, organic matter, or any other deleterious substance; if washing is required to obtain these conditions, the supplier

will proceed to do so without this fact giving rise to any claim on its part.

2.3.3. The percentage of harmful substances shall not exceed those listed in continuation:

Harmful substances	Maximum	Method
Material that passes through washing through the IRAM 74 micron sieve (No. 200)	2% by weight	IRAM 1540
Sulfate expressed as sulfuric anhydride.	0.1% by weight	IRAM 1531
Carbonaceous matter	0.5% by weight	IRAM 1512
Clay lumps Other	0.25% by weight	IRAM 1512
harmful substances (Salts) schistose clay, mica, soft fragments, etc.	2% by weight	-- -- --
The sum of harmful substances must not exceed of.	3% by weight	-- -- --
Organic matter.	Index	WRATH 1512
Colorimetric less than 500 ppm	(Lighter color than normal)	

2.3.4. Subjected to plasticity test (IRAM 10.502) it must be non-plastic.

2.3.5. Any sand subjected to the colorimetric test (IRAM 1512) to determine organic matter and which produces a darker color than the standard will be rejected, unless it satisfies the strengths specified for mortar in paragraph 3.4.10.

2.3.6. Granulometry:

The sand will be well graded, from coarse to fine, and when it is mechanically analyzed using IRAM 1501 sieves, it must satisfy, unless otherwise indicated in the Complementary Specifications, the following requirements:

Material passing through the IRAM sieve	%	
9,5 mm (3/8")	4,8	100
mm (N° 4)	2,4 mm	95
(N° 8)	1,2 mm	85
(N°16)	590 u.	56
(N°30)	297 u.	25
(N°50)	149 u.	4
(N°100)		0

2.3.7. The fineness modulus must be greater than 2.65.

2.3.8. The grading in the table above represents the extreme limits that will determine whether or not it is suitable for use. The grading of sand from any deposit will be reasonably uniform and not subject to the extreme percentages or limits of the specified granulometry.

2.3.9. Fine aggregate from the same deposit that has a fineness modulus that differs by 0.20 plus or minus from the fineness modulus of the representative sample initially submitted by the supplier, but within the limits of paragraph 3.4.6., will be rejected and may only be accepted if the supplier proposes a new dosage formula.



Fine aggregate from different sources shall not be stored in the same pile, nor used interchangeably in the same type of construction or mixture, without prior written permission from the Inspectorate.

2.3.10. Mortar strength:

The fine aggregate, when performing the mortar test (IRAM 1534), will allow for a compressive strength at the age of 7 and 28 days, of at least 90% of that developed by the mortar of identical proportions and consistencies, prepared with the same cement and sand that meet the specifications and with a fineness modulus equal to the sand under study.

2.3.11. Durability:

When fine aggregate is subjected to five cycles of the durability test (IRAM 1525) with sodium sulfate solution, the percentage of weight loss shall not exceed 10%. If the fine aggregate fails this test, it shall only be used if, when subjected to the freezing and ice test (IRAM 1621), it yields satisfactory performance.

2.3.12. The fine aggregate shall be free of any reactive substance that may react detrimentally with the alkalis contained in Portland cement (IRAM 1649).

2.3.13. Once the fine aggregate has been subjected to wet and dry granulometry on the 200 sieve, more than 80% of the aggregate that passes through the wet method must pass through the dry method.

2.4. COARSE AGGREGATE:

2.4.1. The coarse aggregate shall be that obtained by crushing rocks, washed gravel or crushed gravel composed of pieces or particles retained by the IRAM 4.8 mm sieve (No. 4), hard, resistant and durable, without excessive elongation and free of any harmful amount of layers or adhered particles, and must satisfy in all aspects the requirements detailed in the following paragraph:

2.4.2. The percentage of harmful substances found in the coarse aggregate shall not exceed the following values:

Harmful substances	maximum allowable % by weight	Method
Coal	0,50	WRATH 1512
Lightweight particles in aggregates	0,50	ASTM C 123
Clay lumps	0,25	WRATH 1512
Soft fragments Friable particles ASTM C 142	2,00	ASTM C 235
Loss due to washing on IRAM 74 micron sieve (No. 200)	0,80	IRAM 1540
Soluble salts 0.50 Sulfate expressed as sulfuric anhydride 0.07		WRATH 1512
Other harmful substances (slate, mica, friable flakes or harmful particles).		WRATH 1531
	1 %	

2.4.3. The sum of the percentages of harmful substances shall not exceed 3% (three percent) by weight.



2.4.4. The cubicity coefficient of the coarse aggregate must be greater than 0.60 determined according to IRAM 1681 Standard test.

2.4.5. Once the coarse aggregate has been subjected to the accelerated Durability test (IRAM 1525), it must not show signs of disintegration after 5 (five) cycles and must not experience a loss greater than 10% (ten percent).

2.4.6. If this test fails, the aggregate may only be used if it satisfactorily resists the freeze-thaw test (IRAM 1526) and should not show disintegration after 5 cycles.

2.4.7. The "Los Angeles" Wear (IRAM 1532) must be less than 35% (thirty-five percent) and must meet the requirement of hardness uniformity, so the Wear between 100 and 500 turns must respond to:

$$\frac{\text{Wear 100 turns}}{\text{Wear 500 turns}} = 0.2 \text{ (Equal to the smallest of 0.2)}$$

2.4.8. The absorption of coarse aggregate by immersion in water for 48 hours must be less than 1.2% (IRAM 1533).

2.4.9. The coarse aggregate must be free of substances that may react harmfully with the alkalis of Portland cement, as well as its impurities.

2.4.10. Coarse aggregate (gravel) must come from fresh rock, considered as such those whose mineral elements have not undergone chemical decomposition, with the consequent detriment to their physical properties. Only gravel tested according to the methodology established in IRAM Standard 1702 will be accepted if:

- 1)** decomposed rock (very advanced alteration and/or friable maximum 3%).
- 2)** semi-decomposed rock (degree of alteration that already begins to affect the physical state and/or low cohesion or exquisite maximum 6%).
- 3)** sum of the percentages of 1 and 2 - Maximum 6%.

2.4.11. The rock for gravel must have a compressive strength equal to or greater than 800 kg/cm² (IRAM 1510).

2.4.12. The hardness of the Rock by rubbing will be equal to or greater than 18, when determined by testing with the DORRY machine (IRAM 1539).

2.4.13. The toughness shall be:

- a)** rock for gravel equal to or greater than 12 cm. (IRAM 1538).
- b)** for gravel S/AASHO T-6-27 shall not reveal faults.

Coarse aggregate for stockpiling and dosing must be subdivided into two fractions approximately equal to half the maximum size. If the granulometry of the separated fractions on the sieves indicated in the formula varies by more than 20% (twenty percent) between sieves compared to the average, the supplier must subdivide the stockpile at its sole expense.

2.4.14. At the time of use, the coarse aggregate must be in a state of cleanliness similar to the representative sample of the proposed dosage; otherwise, it must be washed by the supplier at its sole expense.

2.4.15. Granulometry:

The sizes indicated for the coarse aggregate and its mechanical analysis carried out with the IRAM 1501 sieves must meet the following requirements unless otherwise indicated in the Complementary Specifications:

Fractions [cm.]	Percentages passing through IRAM 1501 sieves 38.1 mm 25.4 mm					
	19 mm (1 1/2")	12.7 mm (1")	9.5 mm (3/4")	4.8 mm (3/8")	(1/2")	(Nº4)
I) 1 to 3	100	90-100	—	—	25-60	0-3
II) 0.6 to 1.9	—	—	100	75-85	45-75	0-5

2.4.16. The two fractions mentioned above shall be combined in a proportion that minimizes voids in the mix. The purchaser may request a 10-30 and/or 30-50 aggregate mix when deemed necessary.

2.5. Air incorporating agent:

The air-entraining agent will be used if established by the complementary specifications and will be a chemical product, already approved for use in public works, which must comply with IRAM Standard 1592 and/or ASTM C-260-69 and the amount of air to be intentionally incorporated will be 3.5 to 4.5 (IRAM 1602).

2.6. Setting accelerator:

The setting accelerator will be of a recognized brand and the proportions to be used will be those indicated by the manufacturer, leaving it to the discretion of the Inspection to vary these proportions more or less.

3. TYPE OF MIXES FOR CONCRETE

3.1. The following type of concrete shall be used, which must meet the conditions detailed below:

Concrete Type	Aggregate Coarse fraction	Minimum quantity of Cement [Kg/m3]	Specific strength and compression in standard cylindrical test specimens at 28 days of age [kg/cm2]	Maximum relationship Water - cement
H-30	10-30 or 30-50	360	300	0.55
H-21	10-30 or 30-50	320	210	

3.2. The supplier will not be entitled to any claim or compensation of any kind if the Inspection determines that a lower water-cement ratio than indicated is used.

in the preceding paragraphs, when the technique advises it, its application is feasible and even when the cost of placing the concrete is increased.

4. WATER AND SOLUBLE SALTS IN AGGRESSIVE SOILS FOR CONCRETE

4.1. Water or soil in contact with normal Portland cement concrete structures is considered to have aggressive properties when the results of its chemical analysis are within the following values:

Aggressiveness according to determination

DETERMINATION

	<u>In waters</u>		<u>In soils</u>		
	Very strong	Strong	Moderate	Strong moderate	
Sulfates ppm SO ₄ =	more than 2000	600 a 2000	200 a 600	more than 5,000	2000 a 5000
Magnesium Mg ⁺⁺ 1,500	more than 1,500	300 a 1.500	100 a 300	more than 600	200 a 600
Aggressive CO ₂	over 60	30 to 60	15 a 30	-----	---
pH	less than 4.5	4.5 to 5.5	5.5 to 6.5	less than 6	
Total hardness ppm CO ₃ Ca		minor of 50			

5. CONCRETE DOSAGE

5.1. For all types of concrete, a rational dosage by weight must be carried out. To this end, the supplier, at least 45 (forty-five) days before the start of concreting, must present the dosage formula to be used, taking into account:

- a) the concrete must be dense, plastic and workable;
- b) minimum quantity of Portland cement required;
- c) maximum size of coarse aggregate;
- d) Abrams cone settlement (IRAM 1536);
- e) minimum specific resistances, those established;
- f) the total aggregate curve (coarse aggregate and fine aggregate) should not present sharp inflections and should be substantially parallel to the classic Fuller or Bolomey curves;
- g) the proportion of mortars (PM) must be greater than 0.53 and less than 0.65, being:

$$PM = \frac{\text{Mortar Weight}}{\text{Added weight}}$$

Added weight

Mortar weight = dry weight of fine aggregate per m³ of concrete + dry weight of cement per m³ of concrete.

Concrete weight = dry weight of fine aggregate + dry weight of coarse aggregate per m³ of concrete.

5.2. The formula for each concrete dosage that the supplier must submit must include, in addition to what is indicated in the previous paragraph, the following:

- a)** rational concrete dosing technique used;
- b)** brand of normal Portland cement and its origin;
- c)** granulometry of the inert aggregates (IRAM 1505) of coarse, fine and total inert; the same must be presented by the sieves 63 mm (2 1/2") 51 mm. (2") 32 mm. (1 1/4") 25 mm (1"); 19 mm. (3/4"); 12.7 mm. (1/2"); 9.5 mm. (3/8"); 4.8 mm (No. 4); 2.4 mm. (No. 8); 1.2 mm. (No. 16); 509 microns (No. 30); 297 microns (No. 50) and 149 microns (No. 100) and their fineness modules;
- d)** specific weight and water absorption of inert aggregates (IRAM 1533 e IRAM 1520);
- e)** cement factor, proportion of inert aggregates-water ratio-cement, settlement. "Los Angeles" weathering of coarse aggregates, etc.;
- f)** specific compression resistances (IRAM 1546) achieved at 7 and 28 days of age;

- (g)** If air entrainer or other additive is used, its proportion, brand, technique of use, and history of its use in public works must be indicated. The total air entrainment content will be 3.5 to 4.5% (IRAM 1602);

- h)** if a fluidizer (water content reducer) is used or other suitable additive, types and dosages etc. will be proposed by the supplier;
- (i)** Along with the construction proposal, the supplier must submit a sample of the materials, if there is no stockpile on site; if there is, the samples will be taken by DIYET (Technological Research and Testing Department) personnel, along with the Construction Inspectorate and in the presence of the supplier's technical representative.

5.3. The Construction Inspection, through the Department of Technological Research and Testing, will verify the formula submitted by the supplier.

If the verification of the concrete dosage performed by the DIYET, or during the duration of the work, does not achieve the established minimum strength, the Inspectorate may authorize a variation in the dosage. If it is essential to increase the stipulated minimum cement capacity to achieve the established minimum strength, the supplier is obligated to do so without any special payment.

Once the formula for the construction mix has been defined, the supplier must comply with it with the following tolerance: granulometry of total and separate inert materials: $\pm 5\%$ for sieves 63 mm (2.5"), 51 mm (2"), 32 mm (1.5"), 21 mm (1"), 19 mm (3/4); 9.5 mm (3/8"); 4.8 mm (No. 8); 1.2 mm (No. 16); 590 microns (No. 30); 297 microns (No. 50) and $\pm 3\%$ for sieve 149 microns (No. 100).

Abrams cone settlement = ± 2 cm.; (IRAM 1536) with respect to the specified.

5.4. If the granulometric characteristics of the coarse and fine inert aggregates vary from the accepted dosage formula, the supplier must stop concreting and submit a new formula.

6. CONCRETE PREPARATION

6.1. The quantities of aggregates and cement to be used in each of the concreting of the structures must be fully stocked on site before starting the preparation tasks of the mixture.

6.2. The use of a mechanical mixer will be mandatory, with each material being placed in the concrete mixer bucket, rigorously measured in the order indicated by the Inspection, who will also control the quantity of water for each batch in the concrete mixer tank.



6.3. In no case shall the mixing time be less than 1.5 minutes. The Inspectorate may extend this time if deemed appropriate, without the supplier having any right to appeal.

6.4. When materials are measured by volume, the apparent specific weights must be determined in advance, in the containers to be used and under normal working conditions. The containers must be leveled with rulers and must be extremely maneuverable; shoveling is not permitted. When wheelbarrows are used, the aggregates must be measured using false-bottom bins.

7. CONCRETE QUALITY CONTROL

7.1. Inspection during concreting will determine the consistency of the concrete by measuring slump using the Abrams Cone (IRAM 1536), with at least two measurements every half-day; the slump may not vary more than 2 cm, or less, compared to the slump of the accepted formula for that dosage. If this condition is not met, the supplier will stop concreting until the problem is corrected.

7.2. For each 7 (seven) cubic meter lump or smaller fraction thereof, the Inspection, in the presence of the supplier, will prepare two series of standard test pieces of 15 cm in diameter and 30 cm in height (IRAM 1545), which, after being cured, will be sent to IMAE for testing. The average specific resistance achieved by said test pieces will qualify the lump or fraction it represents. This average resistance must be equal to or greater than that specified in 3.1; if it is less than 80% (eighty percent) of the indicated value, the supplier will receive as payment the lump at 60% (sixty) percent of the item price. If the resistance is between 80% (eighty percent) and less than 100% (one hundred percent) of the fixed value, the supplier will receive as payment the lump at the percentage of resistance obtained from the item price. That is to say, if the average resistance of a lump were 83% (eighty-three percent), it would be paid at 83% (eighty-three percent) of its unit price.

7.3. All costs incurred for all quality control tests of materials and concrete shall be the sole responsibility of the supplier.

8. POURING THE CONCRETE

8.1. Immediately before pouring the concrete, the Inspection must be required to approve the correct placement of reinforcement, devices that prevent displacement, the location, dimensions and preparation of the molds and formwork, as indicated in the respective plans and the cleanliness of the same, as well as of the reinforcement, concrete mixers and conduction elements.

8.2. The concrete will be poured into the moulds directly from the forklifts or transport vehicles, or it will be poured into appropriate containers, from where by gravity, using shovels, or through funnels or channels, it will be sent to the moulds, ensuring that the free fall is not greater than 1.50 metres, that the conduction channels do not have slopes very different from 1 to 3 to avoid the concrete stopping or disintegrating and that it falls into the moulds as close as possible to its final location.

8.3. The mixtures made must be used completely within the shortest possible time. possible, and any money that takes more than ½ (half) hour to complete should be rejected.



9. CONCRETING IN COLD WEATHER

9.1. Concrete shall not be prepared or placed when the ambient temperature, in the shade or away from artificial heat, is lower than 5°C (five degrees Celsius); the temperature of the concrete at the time of placement shall be between 10°C and 25°C (ten and twenty-five degrees Celsius). The aggregates shall be free of ice, and the supplier may heat the aggregates (maximum 60°C - sixty degrees Celsius) or the water, for which the construction process shall be previously submitted to the Construction Inspectorate for acceptance. To protect the executed concrete from the effects of low temperatures, when temperatures are expected to drop to 0°C (zero degrees Celsius), a sufficient quantity of straw and other similar material shall be prepared and spread over the concrete. The thickness of this layer shall be sufficient to prevent the concrete from freezing before it has completely hardened. The time that such protection must be maintained is 5 (five) days.

10. CONCRETING IN HOT WEATHER

10.1. When the ambient temperature in the shade is higher than 30° C (thirty degrees Celsius), the temperature of the freshly prepared concrete must be taken every half hour and if the temperature is above 32° C (thirty-two degrees Celsius), concreting must be suspended.

11. MEASUREMENT AND PAYMENT METHOD

11.1. The necessary measurements will be taken to determine the volume of ready-mixed concrete received, thereby controlling the delivery notes submitted by the supplier. The volume of ready-mixed concrete received will be paid per cubic meter at the unit prices established in the contract for the "Concrete Manufacturing and Transportation" item.



MUNICIPALITY OF THE CITY OF VENADO TUERTO
SUB-SECRETARIAT OF PUBLIC WORKS

PUBLIC TENDER NO. 013/2025
SUPPLY OF PREPARED CONCRETE PUT ON SITE

LIST OF MATERIALS TO BE PROVIDED – QUOTE SHEET

BRIEF DESCRIPTION	UNIT	QUANTITY	1. Ready-Mixed	PRICE	MAXIMUM TERM DELIVERY
Concrete H30		m3	1.500		2 MONTHS



AFFIDAVITS

Supplier: _____

Public Tender No. 013/2025

A) ESTABLISHMENT OF DOMICILE AND ACCEPTANCE OF JURISDICTION (in the province of Santa Fe).

For all legal purposes arising from our participation in this Tender, we establish our domicile within the limits of this Province of Santa Fe de....., where all notifications or summons addressed to them will valid, and we accept the jurisdiction of the Ordinary Provincial Courts of the city of _____ city _____ be Venado Tuerto.

B) AFFIDAVIT OF NOT BEING IN COMPETITION AND/OR BANKRUPTCY

We declare under oath that, as of the date of submission of this proposal, the firm we represent is not affected by any bankruptcy and/or liquidation proceedings, nor do we have any pending administrative and/or judicial action of any kind against the Municipality of Venado Tuerto.

.....
Signature and Seal of Bidder



OFFER FORM

Sirs
MUNICIPALITY OF VENADO TUERTO
S / D
REF.: PUBLIC TENDER NO. 013/2025
SUPPLY OF PREPARED CONCRETE PUT ON SITE

After having examined the Bidding Documents including their Circulars No..... (insert the number of the circulars sent by the Municipality), of which we hereby confirm receipt, the undersigned offer to provide and deliver.....(describe the offered good)..... in accordance with said documents, for the sum of \$..... (pesos..... (amount of the offer in numbers and letters) or other sums that are determined according to the Price List attached to this offer and which forms an integral part of it.

If our offer is accepted, we undertake to deliver all goods within.....days following the date of signing the contract.

If our offer is accepted, we will contract a guarantee for 10% (ten percent) of the total contract value to ensure proper performance.

We agree to maintain our offer for a period of 30 (thirty) days from the date set for the opening of bids; this offer will be binding on us and may be accepted at any time before the expiration of the indicated period.

This offer, together with your written acceptance including the award notice, shall constitute a binding contract until a formal contract is prepared and signed.

We understand that you are not obligated to accept the lowest or any other offer you receive.

.....of.....2025.

.....
Signature and Seal of the Bidder