



## South Aluminum Corporation (SALCO)

### Bid Invitation

**Date:** May 21, 2025

**No.:** SAL/WALL BRICK/MAY/2025

**Subject:** Procurement of Wall Bricks

**South Aluminum Corporation hereby invites you to bid for supply of following products based on the below terms and conditions:**

**Description of goods:** Flue and Head Wall Bricks according to Annex III.

**Quantity:** According to Annex III.

**Delivery term:** CFR Bandar Abbas port, Iran (As per Incoterms 2010).

**Delivery time:** At least half should be shipped in September- October 2025 and rest till October – November 2025.

**Note 1:** Shipping date should be specified and will be one of the indexes to choose winner.

**Origin:** China, suppliers / tenderers should supply Wall Bricks according to the specifications mentioned in the Annex II of this tender documents and **only** from below mentioned factories:

- 1- Henan Xin Cheng Refractory Materials co., Ltd.
- 2- Zhengzhou Huite Refractory Materials co., Ltd.
- 3- Xinmi City Zhengxing Refractory Materials co., Ltd.

**Note 2:** The factory name should be mentioned in the tender documents inside envelope A and tenderers should put a letter (inside envelope A) from above manufacturer which guarantee that the purchase procedure is done through that manufacturer, so SALCO will not open the envelope B for companies their manufacturer is not above-mentioned factories.

**Packing:** Inside wooden cases inside 20-foot containers that should be suitable for ocean transportation.

**Note 3:** SALCO will not accept any broken or damaged Wall Bricks after opening the sealed containers and damaged cargo will be rejected.

**Note 4:** Due to SALCO's location inside Special Economic Zone (LAMERD), in case the cargo get rejected (the damaged or broken items) inside the factory after opening sealed containers, none of these items will be sent back to seller, but the value of the rejected items will be deducted from the payment amount.

**Payment term:** Cash payment method, SALCO will pay to nominated bank account by tenderer in case the money can be transferred to that bank account through Iranian bank channel. Otherwise tenderer should provide another account. Cash payment can start 7 working days after receiving surrendered BL under the name of SALCO and also original CI, PL and CO just in case cargo has been discharged in port of destination.

**Note 5:** 50% of whole value of final contract will be considered advance payment in case tenderer can provide bank guarantee or can freeze from account receivable from SALCO.

**Other Conditions:**

**Note 6:** for further information on submitting an offer, please study Annex I, II & III.

Annex I. General Tender Information.

Annex II. Specifications of Materials.

Annex III. Quantity and Description of Materials.

**Note 7:** Interested bidders may obtain further information either by contacting the following email address or by phone at the following number:

Email: [Mirzanezhad@salcocomplex.com](mailto:Mirzanezhad@salcocomplex.com)

Tel: +98 21 5374 5321

**ANNEX I: General Tender Information**

**Validity:** Your offer should be valid at least for 40 days after COB of the tender .

**Deadline:** Your offer should reach to SALCO's Raw Material Purchasing Department at: No.35, 13th St., Seyyed Jamalluddin Asadabadi Ave, Tehran-Iran, Postal code: 1433673981, in a sealed Envelope **no later than COB of August 06, 2025 (All received offers by email or fax will not be considered)**. This tender will not be extended except in special cases with the diagnosis of SALCO.

**Note 8:** All Closed envelopes should be addressed by below information:

1. Name of Supplier
2. Number of Tender
3. Stamp of Company
4. Specify Envelop A and B

**Currency:** The requested currency is USD.

**Offer Terms:** Your offer should consist of following information (Signed and Stamped in a sealed envelope):

**Envelope "A"**

Envelope A should show relevant expertise, capability and knowledge in the supply of Wall Bricks Internationally and complete information of Supplier (the relevant reference list and Catalogue of Supplier/manufacturer should be attached to your offer) as well as the precise specification of Wall Bricks.

**Please note that in case company CV is not accepted by SALCO, envelope B will not get opened.**

Bidders should provide all detailed information and contact information of manufacturer. SALCO has right to visit the manufacturing facility.

**Note 9:** Tenderer should have experience to supply Wall Bricks and also should put a letter from manufacturer to verify the manufacturing site inside the envelope A. Tenderers should provide all detailed information and contact information of manufacturer. SALCO has right to visit the manufacturing facility. and SALCO has right to ask for all detailed information and contact information of manufacturer and in case the bidder denies to share the information, SALCO has right to eliminate bidder from tender.

**Envelope "B" should include:**

- All pages of this Tender document. Tenderers should print out all pages of this tender document and put them in Envelope B, signed and stamped, as well as offering the price of ALUMINA in both pricing method inside table NO.1. If this will not done by tenderer, the envelopes will be considered as non-effective documents by SALCO.
- Tenderer should print out the technical spec of Annex II in the envelope A and envelope B signed and stamped. If this will not done by tenderer, the envelopes will be considered as non-effective documents by SALCO.

**Additional Information:**

**Note 10:** Note that the inspection will be conducted at the port of loading before shipment or in the factory (in origin country) by SALCO's decision and the tenderer must give possibility for SALCO's nominated inspector to make inspection inside factory as well as port of loading. Also SALCO's inspector should have right to take sample from manufacturer's production line to assess the product's quality. Pre-shipment inspection will be done by SALCO's nominated inspector and supplier should make full cooperation with the SALCO's nominated inspector.

Then after getting confirmation on the mentioned inspection document from SALCO, the shipment will be allowed. Also, SALCO will carry out another inspection at the port of destination by the third party inspection company. The reference to accept the cargo is the approval of Q&C Department of SALCO according to the inspection which is conducted in port of destination and if the quality doesn't match spec in Annex II, SALCO can reject the cargo and the whole guarantee for each contract will be seized and also demurrage and any other related costs and damages must be paid by Tenderers/ Suppliers.

**Note 11:** In case a company wins the tender and refuses or fails to act according to its proposed offer and contractual obligations, the tenderer will not be allowed to participate in all future tenders and SALCO will be entitled to remove that tenderer from SALCO's Approved Vendor List and is also entitled to claim the related losses occurred by the said winner/supplier (like price increase which affects SALCO's supply chain for the occurred delay).

**Note 12:** This invitation for a tender does not bind SALCO to purchase of such goods. SALCO reserves the right to cancel the above tender without assign any reasons and without any intimation from the bidders.

**Note 13:** All tender bids must be submitted in person to SALCO's Row Materials Purchasing Department in a closed and sealed envelope at the following address. Bidders shall get a delivery receipt from mentioned department for delivery of envelopes. Bids received through email or fax shall not be considered.

**Address:** No. 35, 13<sup>th</sup> St., Seyyed Jamalluddin Asadabadi Av., Tehran-Iran

**Note 14:** SALCO is permitted to set Quantity between the top offers. Number of accepted offers will be decided by SALCO.

**Note 15:** Participation in this tender constitutes acceptance of all above-mentioned terms and conditions.

**Note 16:** If the winner of the tender does not sign the contract or resist to accept contract terms and conditions within 14 days after official winner announcement email from SALCO side, SALCO has the right to disqualify that company and remove that tenderer from SALCO's Approved Vendor List and cancel the deal which will lead to supply through another company.

**Note 17:** The documents of participation in the tender will be destroyed after 30 days from the opening of the envelopes.

Table No.1:

Items	Quantity	Unit Price (USD)	Total Price (USD)	Delivery Time (Months)
Flue wall Brick F1				
Flue wall Brick F2				
Flue wall Brick F3				
Flue wall Brick F4				
Flue wall Brick F5				
Flue wall Brick F6				
Flue wall Brick F7				
Flue wall Brick F8				
Flue wall Brick F9				
Flue wall Brick F10				
Flue wall Brick F11				
Flue wall Brick F12				
Flue wall Brick F13				
Flue wall Brick F14				
Flue wall Brick F15				
Head wall Brick H1				
Head wall Brick H2				
Head wall Brick H3				
Head wall Brick H4				
Head wall Brick H5				
Head wall Brick H6				
Head wall Brick H7				
Head wall Brick H8				
Head wall Brick H9				
Head wall Brick H10				
Head wall Brick H11				
Head wall Brick H12				
Head wall Brick H13				
Head wall Brick H14				
Head wall Brick H15				
Head wall Brick H16				
Head wall Brick H17				
Head wall Brick H18				
Head wall Brick H19				
Head wall Brick H20				
Head wall Brick H21				
Head wall Brick H22				
Head wall Brick H23				
Head wall Brick H24				
Head wall Brick H25				
Head wall Brick H26				
Head wall Brick H27				
Flue Wall Brick F16				

## ANNEX II: Specifications of Wall Bricks

**Note 18:** The technical maps are available as a downloadable file on SALCO's website.

### **Technical Specification of Baking Furnace Lining Material**

1 Equipment Name: Baking Furnace Lining Material

2 Technical Specification

2.1 Refractories 1-2

1) Physicochemical indexes shall comply with the following properties:

Physicochemical Indexes		Unit	Limit Value
Chemical Composition	Al <sub>2</sub> O <sub>3</sub>	%	≥48
	Fe <sub>2</sub> O <sub>3</sub>	%	≤1.4
	CaO+MgO	%	≤0.7
	Na <sub>2</sub> O+K <sub>2</sub> O	%	≤0.8
Bulk Density		g/cm <sup>3</sup>	≥2.3
Apparent Porosity		%	≤18
Ambient Compressive Strength		MPa	≥50
Softening Point under a Fixed Load (0.2Mpa,0.5%)		℃	≥1470
High Temperature Creep Rate (1280℃,0.2Mpa,25h)		%	≤0.4
High Temperature Flexural Strength	1200℃	MPa	≥12
	1350℃		≥6
Thermal Expansion Coefficient (20 ℃ ~ 1000℃)		%	≤0.6
Heating Permanent Linear Change (1400℃ X2h)		%	±0.1
Thermal Shock Resistance (Water Cooling under 1100℃)		Time	≥20

2) Application

Flue wall

(F1,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13,F14,F15,F16)

3) The allowable deviation of dimensions shall conform to the requirements of the design drawings.

4) The brick appearance shall conform to YB/T 5106-2009.

## 2.2 Refractories 1-3

1) Physicochemical indexes shall comply with the following properties:

Physicochemical Indexes		Unit	Limit Value
Chemical Composition	Al <sub>2</sub> O <sub>3</sub>	%	≥48
	Fe <sub>2</sub> O <sub>3</sub>	%	≤1.4
	CaO+MgO	%	≤0.7
	Na <sub>2</sub> O+K <sub>2</sub> O	%	≤0.8
Bulk Density		g/cm <sup>3</sup>	≥2.3
Apparent Porosity		%	≤20
Ambient Compressive Strength		MPa	≥50
Softening Point under a Fixed Load (0.2Mpa,0.5%)		℃	≥1470
High Temperature Creep Rate (1280℃,0.2Mpa,25h)		%	≤0.45
High Temperature Flexural Strength	1200℃	MPa	≥12
	1350℃		≥6
Thermal Expansion Coefficient (20 ℃ ~ 1000℃)		%	≤0.6
Heating Permanent Linear Change (1400℃ X2h)		%	±0.1
Thermal Shock Resistance(Water Cooling under 1100℃)		Time	≥20

## 2) Application

Cross wall

(H1,H2,H3,H4,H5,H6,H7,H8,H9,H10,H11,H12,H13,H14,H15,H16,H17,H18,H19 ,H20,H21,H22,H23,H24,H25,H26,H27)

3) The allowable deviation of dimensions shall conform to the requirements of the design drawings.

4) The brick appearance shall conform to YB/T 5106-2009.

## 2.4 Refractories 2-4

1) Physicochemical indexes shall comply with the following properties:

Physicochemical Indexes		Unit	Limit Value
Chemical Composition	Al <sub>2</sub> O <sub>3</sub>	%	58~62
	Fe <sub>2</sub> O <sub>3</sub>	%	≤1.4
	CaO+MgO	%	≤0.4
	Na <sub>2</sub> O+K <sub>2</sub> O	%	≤0.3
Refractoriness		℃	≥1790
Bulk Density		g/cm <sup>3</sup>	≥2.55
Apparent Porosity		%	≤16
Ambient Compressive Strength		MPa	≥65
Softening Point under a Fixed Load (0.2Mpa,0.6%)		℃	≥1570
High Temperature Creep Rate (1280℃,0.2Mpa,25h)		%	≤0.3
High Temperature Flexural Strength	1200℃x0.5h	MPa	≥18
	1350℃x0.5h		≥8
Thermal Expansion Coefficient (20℃ ~ 1000℃)		%	≤0.6
Heating Permanent Linear Change(1500℃ X2h)		%	±0.1
Thermal Shock Resistance(Water Cooling under 1100℃)		Time	≥30

2) Application

Flue wall draught brick

(F2)

3) The allowable deviation of dimensions shall conform to the requirements of the design drawings.

4) The brick appearance shall conform to GB/T 2988-2012.



**ANNEX III: Quantity and Description Of Wall Bricks:**

NO.	Description	Quantity	Unit of Measurement
1	Flue wall Brick F1	100	PCS
2	Flue wall Brick F2	1,370	PCS
3	Flue wall Brick F3	36,650	PCS
4	Flue wall Brick F4	23,180	PCS
5	Flue wall Brick F5	16,100	PCS
6	Flue wall Brick F6	8,200	PCS
7	Flue wall Brick F7	500	PCS
8	Flue wall Brick F8	4,750	PCS
9	Flue wall Brick F9	100	PCS
10	Flue wall Brick F10	1,100	PCS
11	Flue wall Brick F11	50	PCS
12	Flue wall Brick F12	140	PCS
13	Flue wall Brick F13	40	PCS
14	Flue Wall Brick F14	280	PCS
15	Flue wall Brick F15	550	PCS
16	Flue wall Brick F16	2,180	PCS
17	Head wall Brick H1	2,020	PCS
18	Head wall Brick H2	2,020	PCS
19	Head wall Brick H3	140	PCS
20	Head wall Brick H4	140	PCS
21	Head wall Brick H5	100	PCS
22	Head wall Brick H6	100	PCS
23	Head wall Brick H7	120	PCS
24	Head wall Brick H8	120	PCS
25	Head wall Brick H9	440	PCS
26	Head wall Brick H10	80	PCS
27	Head wall Brick H11	1,010	PCS
28	Head wall Brick H12	800	PCS
29	Head wall Brick H13	50	PCS
30	Head wall Brick H14	2,020	PCS
31	Head wall Brick H15	80	PCS
32	Head wall Brick H16	2,020	PCS
33	Head wall Brick H17	80	PCS
34	Head wall Brick H18	3,460	PCS
35	Head wall Brick H19	80	PCS
36	Head wall Brick H20	300	PCS
37	Head wall Brick H21	270	PCS
38	Head wall Brick H22	170	PCS
39	Head wall Brick H23	90	PCS
40	Head wall Brick H24	80	PCS
41	Head wall Brick H25	80	PCS
42	Head wall Brick H26	40	PCS
43	Head wall Brick H27	40	PCS