

1- قائمة السلع وحصول التسليم

الطالبة المرقمة ٥/١٧/٢٠١٧/٢٠ تجيز طابق متوسط الالومينا لعامل الشركة

رقم الفقرة	وصف السلع	رمز الطابوق	العدد	الوزن	الوحدة	مكان التسليم النهائي	فترة التجيز بالأيام	فترة التسليم المتوقع للمفتح من مقدم الحطاء
1	Alumina refractory bricks for rotary kiln dim.5.25 m	622	2400	176	طن			
2	Alumina refractory bricks for rotary kiln dim.5.25 m	622	3353	412	طن			
3	المجموع	322		588	طن			
Quality of alumina Bricks should be as follows:								
<u>ITEM 1: Chemical composition</u>								
Al ₂ O ₃ 45 - 56 % Fe ₂ O ₃ 0.5 - 1.5 % SiO ₂ 23 - 34 % SiC 10 - 26 %								
<u>ITEM 2: Chemical composition</u>								
Al ₂ O ₃ 80 - 85 % Fe ₂ O ₃ ≤ 1.8 % SiO ₂ 9 - 12 %								
<u>ITEM 1: Physical Specifications</u>								
Bulk Density 2.55 ± 0.1 g/cm ³ Apparent Porosity 13 -15 % Volume Cold Crushing Strength 70 -100 N/mm ²								
Thermal Shock Resistance Water ≥50 cycle Refractoriness under load ta 1650 °C								
Thermal Conductivity at: (±0.1) W/m.K								
500 °C = 2.4 750 °C = 2.7 1000 °C = 2.8								
<u>ITEM 2: Physical Specifications</u>								
Bulk Density 2.8 ± 0.1 g/cm ³ Apparent Porosity ≤ 19 % Volume Cold Crushing Strength >80 N/mm ²								
Thermal Shock Resistance Water ≥30 cycle Refractoriness under load ta 1500 °C								
Thermal Conductivity at: (±0.1) W/m.K								
500 °C = 2.7 750 °C = 2.65 1000 °C = 2.05								
Packaging according to international standard specifications.								
Provide us with (chemical and physical properties As Mentioned Above) details reses certification from SGS.								
The Offer should include Key Bricks with suitable monar in addition to above quantities of bricks.								
The offer should include training 5 delegates in the country of origin company.								
ملاحظة: الوزن قابل الزيادة والنقصان ضمن الحدود المسموح بها للكثافة الحالية								



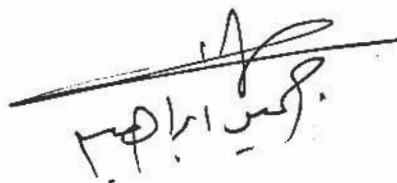
1-list of goods and delivery schedule
Tender No. (SA/SOC/2017) Supplying Alumina refractory bricks

Item No.	Goods Description	Bricks code				Quantity	Unit	Final Delivery Destination	Supplying Period (in days)	
									Estimated Delivery period	The proposed Delivery Period by Bidder
1	Alumina refractory bricks for rotary kiln dim:5.25 m	322	622	2400	13600	176	Ton	About (90 Days) starting from : The date of signing the contract (Cash) Or The date of advising about the (L/C)		
2	Alumina refractory bricks for rotary kiln dim:5.25 m	322	622	3353	31000	412	Ton			
	Total weight					588	Ton			
Quality of alumina Bricks should be as follows: <u>ITEM 1: Chemical composition</u> Al ₂ O ₃ 45 - 56 % Fe ₂ O ₃ 0.5 – 1.5 % SiO ₂ 23 – 34 % SiC, 10 - 26 % <u>ITEM 2: Chemical composition</u> Al ₂ O ₃ 80 - 85 % Fe ₂ O ₃ ≤ 1.8 % SiO ₂ 9 - 12 % <u>ITEM 1: Physical Specifications</u> Bulk Density 2.55 ± 0.1 g/cm ³ Apparent Porosity 13 -15 % Volume Cold Crushing Strength 70 -100 N/mm ² Thermal Shock Resistance Water 250 cycle Refractoriness under load ta 1650 °C Thermal Conductivity at: (±0.1) W/m.K 500 °C = 2.4 750 °C = 2.7 1000 °C = 2.8 <u>ITEM 2: Physical Specifications</u> Bulk Density 2.8 ± 0.1 g/cm ³ Apparent Porosity ≤ 19 % Volume Cold Crushing Strength >80 N/mm ² Thermal Shock Resistance Water 230 cycle Refractoriness under load ta 1500 °C Thermal Conductivity at: (±0.1) W/m.K 500 °C = 2.7 750 °C = 2.65 1000 °C = 2.05 Packaging according to international standard specifications. Provide us with (chemical and physical properties As Mentioned Above) details testes certification from SGS. The Offer should include Key Bricks with suitable mortar in addition to above quantities of bricks. The offer should include training 5 delegates in the country of origin company. Note : Total weight is subject to increase or decrease within the limits allowed for the bulk density required.										


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The Technical Specification And Concerning Services For Tender No. (5A/SOC/2017) Supplying Alumina refractory bricks

IT.NO	SPECIFICATION	QTY
1	<p>ITEM 1: Chemical composition Al₂O₃ 45 - 56 % Fe₂O₃ 0.5 – 1.5 % SiO₂ 23 – 34 % SiC 10 - 26 %</p> <p>ITEM 2: Chemical composition Al₂O₃ 80 - 85 % Fe₂O₃ ≤ 1.8 % SiO₂ 9 - 12 %</p>	
2	<p>ITEM 1: Physical Specifications Bulk Density 2.55 ± 0.1 g/cm³ Apparent Porosity max 13 -15 % Volume Cold Crushing Strength 70 -100 N/mm² Thermal Shock Resistance Water ≥50 cycle Refractoriness under load ta 1650 °C Thermal Conductivity at:(±0.1) W/m.K 500 °C = 2.4 750 °C = 2.7 1000 °C = 2.8</p> <p>ITEM 2: Physical Specifications Bulk Density 2.8 ± 0.1 g/cm³ Apparent Porosity ≤ 19% Volume Cold Crushing Strength >80 N/mm² Thermal Shock Resistance Water ≥30 cycle Refractoriness under load ta 1500 °C Thermal Conductivity at: (±0.1) W/m.K 500 °C = 2.7 750 °C = 2.65 1000 °C = 2.05</p>	
3	Packaging according to international standard specifications.	
4	Provide us with (chemical and physical properties As Mentioned Above) details testes certification from SGS .	
3.	The Offer should include <u>Key Bricks</u> with suitable mortar in addition to above quantities of bricks.	
5	The offer should include training 5 delegates in the country of origin company .	
7	Note : Total weight is subject to increase or decrease within the limits allowed for the bulk density required.	





4- Drawings

Drawings List		
No. Of Drawing	Name Of Drawing	Purpose

All attach drawings is sketchy for clarification general shape of parts only

5- Test And Engineering Inspection

The Following Tests And Engineering Inspection will be executed (Fill in the schedule of tests and engineering inspections)

List of Inspections and Tests	
Line Item No	The required inspection for the goods materials are as follows
1.	<p>Chemical composition</p> <p>ITEM 1: Chemical composition</p> <p>Al₂O₃ 45 - 56 % Fe₂O₃ 0.5 - 1.5 % SiO₂ 23 - 34 % SiC 10 - 26 %</p> <p>ITEM 2: Chemical composition</p> <p>Al₂O₃ 80 - 85 % Fe₂O₃ ≤ 1.8 % SiO₂ 9 - 12 %</p>
2.	<p>ITEM 1: Physical Specifications</p> <p>Bulk Density 2.55 ± 0.1 g/cm³ Apparent Porosity 13 - 15 % Volume</p> <p>Cold Crushing Strength 70 - 100 N/mm²</p> <p>Thermal Shock Resistance Water ≥ 50 cycle Refractoriness under load ta 1650 °C</p> <p>Thermal Conductivity at: (±0.1) W/m.K</p> <p>500 °C = 2.4 750 °C = 2.7 1000 °C = 2.8</p> <p>ITEM 2: Physical Specifications</p> <p>Bulk Density 2.8 ± 0.1 g/cm³ Apparent Porosity ≤ 19 % Volume</p> <p>Cold Crushing Strength > 80 N/mm²</p> <p>Thermal Shock Resistance Water ≥ 30 cycle Refractoriness under load ta 1500 °C</p> <p>Thermal Conductivity at: (±0.1) W/m.K</p> <p>500 °C = 2.7 750 °C = 2.65 1000 °C = 2.05</p>

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