1. قائمة السلع وجدول التسليم ١٠ قائمة السمنت الجنوبية

	W/mK°	- .4	المنشأ: دول اوربا ا	المنشأ: دول اوربا الغربية او فروعها في اسيا او افريفيا	افريقيا	-	-	Г
	W/mKº	1.3	750°C 1000°C	at at	:			
-		1.2	at 500°C					
	°C	1300 - 1350	Ċ5	Retractoriness under load t 0.5	Thornac			
	cycle	= 20			J			
	%	0.6-0.7		Thermal shock resistance Water	Them			
-12	N/mm²	N OU		Thermal Expansion (1000°C)	Them			
	Volume%	/ FO		Cold Crushing Strength	Cold (
	g/cm³	2.2 ± 0.1		Apparent Porosity	Appa	-		
-				Bulk Density	Bulk			
		54	<u>s</u>	b- Physical Specifications	<u>ع - ط</u> النهائي			
	%	1.5)2	SiO2			
	%	40 - 45		?O3	Fe2O3			
			<u>n</u>	a- Chemical composition Al ₂ O ₃	Al ₂ O ₃			
2	Kufa Cement Plant: Kiln dia. 5.25 m with running length 130m.	622 322 Kufa	88400 21600	1038 طن			1	
		8		-			•	
الفقرة				-		Ī	مقادم الم	55
<u>G</u>	السلم	رهز الطابوق	العدد	الوزن		التوقع	المقترح	
							التجهيز	
	الطلبية المرقم	ة 14/أ/م/س ج ن/2019 تجهيز طايع	الطلبية المرقمة 14/أ/م/س ج ن/2019 تجييز طابوق واطئ الألومينا لمعامل معاويت المستحد			فترة التجهيز بالأيام	وليال	
				Consultation of the consul	The state of the s			

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1-list of goods and delivery schedule Tender No 14/T/SOC /2019 Supplying Low Alimin.

Revin No. Gloods Description Baldes code pieca. Quantity Unit The			CONTRACTOR		
Conde Description Brides code piece. Quantity Unit Estimated	Irem				Supplying Period (in da
Cular Corners Plant Klin dia \$125 mwith running length 130 m 322 522 21600 884000 1038 10n Cold Corners Plant Klin dia \$125 mwith running length 130 m 322 522 21600 884000 1038 10n Al2O3		\$1 100			Th
Auto Cereer Plant Klin dia 5.25 m with numing length 130 m. 322 21500 88400 1038 Ton	Control Miller		1,0	Unit	
Aufa Cement Mant: Klin dia. 5.25 m with numing length 130 m. 322 522 21600 88400 1038 70n					
n					R:44
1038 Ton 40 - 45 % 1.5 % 1.5 % 1.5 % 2.2 ± 0.1 3cm/g 2.2 ± 0.1 3cm/g Pinal Delivery 2.6-0.7 % 500°C 1300 - 1350 °C 1300 - 1350 °C	Total weight	622		Ton	Did.
1.5 % 1.5 % 1.5 % 1.5 % 1.5 % 1.5 % Final 2.2 ± 0.1 3cm/g 2.2 ± 0.1 3cm/g Delivery 2.6 ± 0.0 2mm/N 0.6-0.7 % ≥ 20 cycle 500°C 500°C 1.2 W/mK ^o 750°C 1.3 W/mK ^o 20mpanies or from their	a-Chamical company		1038	Ton	
40 - 45 % 1.5 % 1.5 % 54 % 54 % 54 % 54 % 54 % 54 % 54 % 54 % 54 % 54 % Final Delivery 2.2 ± 0.1 3cm/g Delivery 0.6-0.7 % ≥ 20 cycle 500°C 1.2 W/mK² 750°C 1.3 W/mK² 1.4 W/mK² Companies or from their	a- Cheffical composition				
40 - 45 % 1.5 % 1.5 % Final 54 9% 2.2 ± 0.1 3cm/g 17 % Volume ≥ 50 2mm/N 0.6-0.7 % ≥ 20 cycle 500°C 1.2 W/mK° 750°C 1.3 W/mK° Companies or from their	AlzO ₃				
1.5 % 54 % 54 % Final 2.2 ± 0.1 3cm/g 17 % Volume ≥ 50 2mm/N 0.6-0.7 % ≥ 20 cycle 500°C 1.2 W/mKe 750°C 1.3 W/mKe 1.4 W/mKe Companies or from their	Fe2O3	40 - 45			
12	SiO2	1.5	%	5	
2.2 ± 0.1 3cm/g 17 % Volume ≥ 50 ≥ 50 0.6-0.7 % ≥ 20 500°C 1.2 W/mK ² 1.3 W/mK ² 2.2 ± 0.1 3cm/g Delivery Delivery Delivery Molume ≥ 50 2mm/N 0.6-0.7 % ≥ 20 cycle 1300-1350 °C 1.2 W/mK ² 1.3 W/mK ² 1.4 W/mK ²	h- Physical Construction	- ···· · · · · · · · · · · · · · · · ·	%	ri D	
2.2 ± 0.1 3cm/g Destination 17 % Volume ≥ 50 2mm/N 0.6-0.7 % ≥ 20 cycle 500°C 1.2 W/mK° 750°C 1.3 W/mK° Companies or from their	S-1 Hysical Specifications		the state on these as these as these on these as	Delivery	-
17 % Volume ≥ 50 2mm/N 0.6-0.7 % ≥ 20 cycle 500°C 1.2 W/mK² 1000°C 1.3 W/mK² 1.4 W/mK² Companies or from their	Bulk Density	2.2 ± 0.1	³cm/a	Destination	-
≥ 50 2mm/N 0.6-0.7 % ≥ 20 cycle 500°C 1300 - 1350 °C 750°C 1.2 W/mKe 750°C 1.3 W/mKe 1.4 W/mKe Companies or from their	Apparent Porosity	17	0/ Vol		
0.6-0.7 % ≥ 20 cycle ≥ 20 cycle 1300-1350 °C 1.2 W/mK° 750°C 1.3 W/mK° 1.4 W/mK°	Cold Crushing Strength	× 50	% volume		
0.6-0.7 % ≥ 20 cycle 1300 - 1350 °C 1.2 W/mKe 750°C 1.3 W/mKe 1.4 W/mKe 1.4 W/mKe	Thermal Expansion (1000°C)	i i	IIIM/N		
≥ 20 cycle 1300-1350 °C 1.2 W/mKº 750°C 1.3 W/mKº 1.4 W/mK° Companies or from their	Thermal shock residence	0.6-0.7	%		
1300 - 1350 °C 500°C 1.2 VV/mKe 750°C 1.3 VV/mKe Companies or from their 1.4 VV/mKe	Water	≥ 20	cycle		
750°C 750°C 750°C 1.3 W/mK° COmpanies or from their 1.4 W/mK°		1300 - 1350	റ്		
750°C 1.3 W/mKº 1000°C 1.4 W/mKº	a	1.2	W/mKº		- 700 - 700
Companies or from their	at 750°C	1.3	W/mKº		
	Origin: Western origin companies or free branches in Asia or africa		W/mK°	20	- <u> </u>

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The Technical Specification And Concerning Services For Tender No. 14/T/SOC /2019 Supplying Law Alumina refractory bricks

	SPECIFICATION			(QI)
a-Chemical composition Al2O3 SiO2 Fe2O3 b-Physical Specifications Bulk Density Apparent Porosity Cold Crushing Strength Spalling Resistance 950 °C/air Refractoriness under load Thermal Expansion at 1000 C Thermal Conductivity ± 0.1 at 500 C at 750 C at 1000 C Origin: Western origin companies	•	40 - 45 54 1.5 2.2 ± 0.1 17 ≥ 50 ≥ 20 1300 - 1350 0.6 - 0.7 1.2 1.3 1.4 n Asia or africa	% g/cm³ % Volume N/mm² cycle C° % lin W/mKº W/mK°	1038 Ton
Packaging according to international standard specificat Provide us with (chemical and physical properties As Me		on from SG\$.		
The Offer should include Key Bricks with suitable mort.	ar in addition to above quantities of brid	:ks.		
Note: Total weight is subject to increase or decrease with	nin the limits allowed for the bulk density	y required.		

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4- Test And Engineering Inspection

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

				AND THE STATE OF T
		ist of Inspections and Tests		
Line				
ltem	The required inspection for the goods materials are as	s follows		
No				
	a- Chemical composition			
	Al2O3		40 - 45	%
	SiO2			
			54	%
	Fe2O3		1.5	%
	k Dhint Io			
	<u>b- Physical Specifications</u>			
				學學是學學學
	Bulk Density		2.2 ± 0.1	g/cm³
000	Apparent Porosity			
1			17	% Volume
	Cold Crushing Strength		≥ 50	N/mm²
			8	
ed (Spalling Resistance 950 °C/air			
			≥ 20	cycle
		14. 为一种的成功		
	Refractoriness under load ta		1300 - 1350	C°
			1000 1000	
	Thermal Expansion at 1000 C°		0.6 - 0.7	% lin
	Thermal Conductivity ± 0.1 at 500 C°		1.2	W/mKº
	at 750 C°		1.3	W/mK°
33	at 1000°C		1.4	VV/mK°
	at 1000°C		and the second of the second o	A CONTRACTOR OF THE PROPERTY O

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