

1- قائمة السلع و جدول التسليم
 الطالبة المرقمة (٢٠١٩/١٠) بترتيب مواد احتياطية لمعدات الأفران لعمل سميت الكوفة بفتح سميت مقاوم للأملح (الواح ترسيب ، أقطاب تفريغ ، بوابات تحويل)

رقم التفتيش	وصف البضاعة	الكمية	الوحدة	مكان التسليم	الموعد المتوقع للتسليم	فترة التجهيز المتوقع من مقدم العطاء
	Electric precipitator (FL Smidth co) information data :- Gas flow Gas temperature Atmospheric pressure Casing Max. pressure Casing Max. temperature Max. pressure drop flange to flange Number of bus section per field Dew point/water content Dust inlet loading Dust outlet loading, required	10,000 m ³ /min 350 °c 1000 mbar plus/minus 300 mm WG 400 °c 15-20 mm WG 2 * Ø 2800 mm 70 °c 50 g/Nm ³ wet 150 mg/Nm ³ dry				
1	Collecting plate (FLSmidth Co) type : H(suitable for sulfur resistance cement) Thickness = 1.5 mm High = 12435 mm Width=486 mm Assembly anvil plate by rivet not welding . As attach drawing no. (6A)				يصلو 1٨. يوم تبدأ من تاريخ	
2	Discharge Electrodes (suitable for sulfur resistance cement) I=2925 mm type : 27 FR 8-904L As attach drawing no. (2B)					
3	Motor – controlled Disc valves, type C 2800 (suitable for sulfur resistance cement) As attach drawings No.(3-C-1)&(3-C-2) Warranty period: 6 months starting from successful performance test.					
	Note(1): Material of collecting plate, discharge electrodes & Disc Valves must be suitable for current operation condition (SRC). Note(2): kula cement plant change phase of cement from OPC(ordinary Portland ceament)to SRC (sulphate resistance cement) by old way (wet process). Note(3): All properties of above items as (FLS .company Note(4): All items above must be western origin.					

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1-list of goods and delivery schedule

Tender NO: (7A/T/SOC-1/2019) supply the collecting plate , discharge electrode & disc valves to electric precipitator for kiln produce sulfur resistance cement (KUFA CEMENT PLANT)

Item No.	Goods Description	Quantity	Unit	Final Delivery Destination	Supplying Period (in days)	
					Estimated Delivery period	The proposed Delivery Period by Bidder (filled by Bidder)
	<p>Supply the collecting plate, discharge electrodes & Disc Valves to electric precipitator for kiln produce sulfur resistance cement (SRC):</p> <p>Electric precipitator (FL Smith co.) information data :-</p> <ul style="list-style-type: none"> - Gas Flow 10,000 m³/min - Gas temperature 350 °c - Atmospheric pressure 1000 mbar - Casing Max. pressure plus/minus 300 mm WG - Casing Max. temperature 400 °c - Max. pressure drop flange to flange 15-20 mm WG - Number of bus section per field 2 * Ø2800 mm - Dew point/water content 70 °c - Dust inlet loading 50 g/Nm³ wet - Dust outlet loading, required 150 mg/Nm³ dry 					
1	<p>Collecting plate (FLSmidt Co.) type : H(suitable for sulfur resistance cement)</p> <p>Thickness = 1.5 mm</p> <p>High = 12435 mm</p> <p>Width=486 mm</p> <p>Assembly anvil plate by rivet not welding.</p> <p>As attach drawing no. (6A)</p>	700	No			About (180 Days) starting from:
2	<p>Discharge Electrodes (suitable for sulfur resistance cement)</p> <p>L=2925 mm type : 27 FR 8-904L</p> <p>As attach drawing no. (2B)</p>	6000				
3	<p>Motor – controlled Disc valves, type C 2800 (suitable for sulfur resistance cement)</p> <p>As attach drawings No.(3-C-1)&(3-C-2)</p>	2				
<p>Warranty period: 6 months starting from successful performance test.</p>						
<p>Note(1): Material of collecting plate, discharge electrodes & Disc Valves must be suitable For current operation condition (SRC, Note(2)): kufa cement plant change phase of cement from OPC(ordinary Portland cement)to SRC (sulphate resistance cement) by old way (wet process).</p> <p>Note(3): All properties of above items as (FLS company origin).</p> <p>Note(4): All items above must be western origin.</p>						

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2- Tender: (7A/T/SOC-1/2019) supply the collecting plate , discharge electrode & disc valves to electric precipitator for kiln produce sulfur resistance cement (KUFA CEMENT PLANT)

IT.NO	SPECIFICATION	QTY
	<p>Supply the collecting plate , discharge electrodes & Disc Valves to electric precipitator for kiln produce sulfur resistance cement(SRC):</p> <p><u>Electric precipitator (FLSmith co.) information data :-</u></p> <ul style="list-style-type: none"> - Gas flow 10,000 m³/min - Gas temperature 350 °c - Atmospheric pressure 1000 mbar - Casing Max. pressure plus/minus 300 mm WG - Casing Max. temperature 400 °c - Max. pressure drop flange to flange 15-20 mm WG - Number of bus section per field 2 * Ø 2800 mm - Dew point/water content 70 °c - Dust inlet loading 50 g/Nm³ wet - Dust outlet loading , required 150 mg/Nm³ dry 	
1	<p>Collecting plate (FLSmith Co.) type : H(suitable for sulfur resistance cement) Thickness = 1.5 mm High = 12435 mm Width=486 mm Assembly anvil plate by rivet not welding . As attach drawing no. (6A)</p>	700
2	<p>Discharge Electrodes (suitable for sulfur resistance cement) L=2925 mm type : 27 FR 8-904L As attach drawing no. (2B)</p>	6000
3	<p>Motor – controlled Disc valves, type C 2800 (suitable for sulfur resistance cement) As attach drawings No.(3-C-1)&(3-C-2)</p>	2
	<p>Warranty period: 6 months starting from successful performance test.</p>	
	<p>Note(1): Materiel of collecting plate, discharge electrodes & Disc Valves must be suitable For current operation condition (SRC). Note(2): kufa cement plant change phase of cement from OPC(ordinary Portland cement)to SRC (sulphate resistance cement) by old way (wet process). Note(3): All properties of above items as (FLS .company origin). Note(4): All items above must be western origin.</p>	

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r- Drawing

Drawings List		
No. Of Drawing	Name Of Drawing	Purpose
1	6.A FOR COLLECTING PLATE	FOR COLLECTING PLATE
2	2.B FOR DISCHARGE ELECTRODE	FOR DISCHARGE ELECTRODE
3	3 - C - 1 FOR Disc Valves	FOR Disc Valves
4	3 - C - 2 FOR Disc Valves	FOR Disc Valves

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ε- 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	
1.	Inspection all items in technical appendix order to the manufacturing mark.
2.	Inspection certificate for metal type ,dimensions . (For kiln produce <u>sulfur resistance cement(SRC)</u>)
3.	Inspection free of defects , gaps & good finishes.


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2. 19
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