

١ قائمة السلع وجدول التسليم

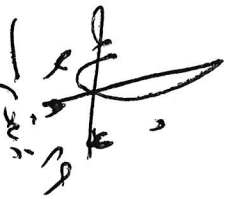
الطلبية المرقمة (٤/الم/س ج ن-٢٠٢٢) تجهيز 33/11 Kv , 7.5 MVA power transformer لمعمل سمنت النجف الأشرف

فترة التجهيز بالأيام فترة التجهيز المقترح من مقدم المطاء [إملا من قبل مقدم المطاء]	الموعد المتوقع للتسليم	مكان التسليم النهائي	الوحدة	الكمية	وصف السلع	رقم الفقرة
	بحدود ١٨٠ يوم تبدأ من تاريخ العقد توقيع العقد أو التبليغ بالاتفاق	CIF Or CIP			- Type of transformer out door ,oil immersed - Tap changer on load tap changer - Normal power 7.5 MVA - System highest voltage H.V 36 Kv , 3- phase ,50 Hz , L.V 11.5 Kv - System operating voltage H.V 33 Kv ,3- phase , 50 Hz , L.V 11 Kv - Vector group Dyn 11 - Cooling method ONAF (Oil Natural Air Forced) - Max. total losses at full load < 65 kw - Winding material (H.V/L.V) (copper/copper) - Ambient temperature 55 C° - Hottest spot temperature 115 C° - Rated temperature rise : 1. Oil by thermometer 50 C° 2. Winding by resistance 55 C° - Insulation strength of winding : 1. Impulse full wave H.V 170 Kv , L.V. 75 Kv 2. Impulse chopped wave H.V. 195 Kv , L.V. 90 Kv 3. Applied voltage test H.V. 70 Kv , L.V. 25Kv 4. Induced voltage test H.V. 170 Kv , L.V. 75 Kv	1

٢٠٢٢/١١/٢٩

١٢/١١/٢٠٢٢

					5. Over voltage test 70 Kv 6. Minimum wet withstand 70 Kv 7. Minimum impulse withstand 170 Kv 8. Minimum oil-immersed withstand voltage 75 Kv - Insulation on copper craft paper - Terminal arrangement H.V. 33 Kv Bushing type, L.V. 11 Kv totally enclosed cable box - with all oil quantity for transformer - Origin- Western - warranty (12 month) - <u>* with supply:</u> - Document : (English language) - User manual two set. - Maintenance (electric & mechanical) manual two set. - Manufacture certificate document. - Test report	
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1-list of goods and delivery schedule
Tender NO:(4A/T/SOC-6/2023) power transformer 7.5 MVA , 33/11 Kv for Najaf 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)
1	- Type of transformer out door ,oil immersed - Tap changer on load tap changer - Normal power 7.5 MVA - System highest voltage : H.V 36 KV,3- phase ,50 Hz,L.V11.5 Kv - System operating voltage : H.V 33 KV,3- phase,50 Hz .L.V11Kv - Vector group Dyn 11 - Cooling method ONAF (Oil Natural Air Forced) - Max. total losses at full load < 65 kw - Winding material (H.V/L.V) (copper/copper) - Ambient temperature 55 C° - Hottest spot temperature 115 C° - Rated temperature rise : 1. Oil by thermometer 50 C° 2. Winding by resistance 55 C° - Insulation strength of winding : 1- Impulse full wave H.V 170 Kv , L.V. 75 Kv 2- Impulse chopped wave H.V. 195 Kv, L.V. 90 Kv	1	No	CIF or CIP	About (180 Day) starting from : The date of signing the contract Or The date of advising about the (L/C)	

[Handwritten signatures and marks]

- 3- Applied voltage test H.V. 70 KV, L.V. 25KV - 4- Induced voltage test H.V. 170 KV, L.V. 75 KV - 5- Over voltage test 70 KV - 6- Minimum wet withstand 70 KV - 7- Minimum impulse withstand 170 KV - 8- Minimum puncture or oil- immersed withstand voltage 75 KV - Insulation on copper craft paper - Terminal arrangement H.V. 33 Kv Bushing type , - L.V. 11 Kv totally enclosed cable box - with all oil quantity for transformer - Origin- Western - warranty (12 month) : start from the date successful operating * with supply: - Document : (English language) - User manual two set. - Maintenance (electric & mechanical) manual two set. - Manufacture certificate document. - Test report	
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3- Drawing

Drawings List		
No. Of Drawing	Name Of Drawing	Purpose
		NO

4- 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 tender materials are as follows
1.	All (IEC) standard tests(specification test, Noise .vibration.....)
2.	All (IEC) standard tests (Test report)