

TABELLA A – PREZZI SERVIZI CONSEGNA STANDARD LOW VOLTAGE MOTORS

Low Voltage Motors	Costs for the Activities required for each Motor							
Motor Nominal Power [kW]	1) Diagnostic and Inspection Report to issue	2) Motor Maintenance	3) Motor Heat Treatment	4) Motor Rewinding	A/R Transportation up to 700 kg	A/R Transportation from 701 kg to 1200 kg	A/R Transportation from 1201 kg to 5000 kg*	Standard Delivery Time required
≤1,5 kW	45,00 €	65,00 €	20,00 €	45,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days
1,5< P ≤5,5	50,00 €	65,00 €	20,00 €	55,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days
5,5< P ≤11	70,00 €	70,00 €	30,00 €	80,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days
11< P ≤22	80,00 €	130,00 €	30,00 €	190,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days
22< P ≤37	100,00 €	155,00 €	40,00 €	210,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days
37< P ≤55	120,00 €	210,00 €	50,00 €	320,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days
55< P ≤90	160,00 €	270,00 €	60,00 €	410,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days
90< P ≤150	190,00 €	1.050,00 €	120,00 €	1.400,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days
≤350 kW	280,00 €	1.200,00 €	200,00 €	4.900,00 €	210,00 €	256,00 €	1.250,00 €	10 Calendar Days

TABELLA B – PREZZI SERVIZI CONSEGNA URGENTE LOW VOLTAGE MOTORS

Low Voltage Motors	Costs for the Activities required for each Motor							
Motor Nominal Power [kW]	1) Diagnostic and Inspection Report to issue	2) Motor Maintenance	3) Motor Heat Treatment	4)Motor Rewinding	A/R Transportation up to 700 kg	A/R Transportation from 701 kg to 1200 kg	A/R Transportation from 1201 kg to 5000 kg	Urgent Delivery Time required
≤1,5 kW	45,00 €	65,00 €	20,00 €	45,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days
1,5< P ≤5,5	50,00 €	65,00 €	20,00 €	55,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days
5,5< P ≤11	70,00 €	70,00 €	30,00 €	80,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days
11< P ≤22	80,00 €	130,00 €	30,00 €	190,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days
22< P ≤37	100,00 €	155,00 €	40,00 €	210,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days
37< P ≤55	135,00 €	230,00 €	60,00 €	360,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days
55< P ≤90	190,00 €	310,00 €	75,00 €	480,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days
90< P ≤150	220,00 €	1.250,00 €	145,00 €	1.600,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days
≤350 kW	330,00 €	1.480,00 €	250,00 €	5.500,00 €	234,00 €	274,00 €	1.300,00 €	5 Calendar Days

NOTE

- 1) CARICO E SCARICO DEI MOTORI E DEGLI ALTERNATORI A VS. CURA
- 2) PREZZO TOTALE MANUTENZIONE: SOMMA COLONNE 1+2+3
- 3) PREZZO TOTALE RIPARAZIONE: SOMMA COLONNE 1 + 2 + 3+4
- 4) PER GLI ALTERNATORI EXD NON POSSIAMO FORNIRE ALCUNA CERTIFICAZIONE PER QUANTO RIGUARDA LA CLASSIFICAZIONE (SOLO COSTRUTTORE E RIPARATORE CERTIFICATO DELLA CASA POSSONO FORNIRLA)
- 5) PER LE MACCHINE DA 15930KV A NON POSSIAMO FORNIRE OFFERTA POICHE' ESULA DALLE NS CARATTERISTICHE AZIENDALI
- 6) PER QUANTO RIGUARDA LE REVISIONI O MANUTENZIONI I COSTI SONO STATI CALCOLATI PER LE OPERAZIONI RIPORATAE, IN CASO DI INTERVENTI AL DI FUORI DELLA RICHIESTA (ESEMPIO RIPARAZIONI MECCANICHE)
- IL TUTTO VI VERRA' CONSUNTIVATO A PARTE

7) NEL COSTO DELLE PROVE DEI MOTORI E DEGLI ALTERNATORI NON SONO PREVISTE LE PROVE DI TG DELTA, INDICE ISOLAMENTO, CAPACITA' E ALTRE SPECIFICHE

TABELLA C – PREZZI SERVIZI CONSEGNA STANDARD MEDIUM VOLTAGE MOTORS

Medium Voltage Motors/Alternators							Costs for the Activities required for each Motor		
MV Motor tag	Manufacturer	Type	Rated Power [kW]	Voltage [V]	Serial Number	Atex	Diagnostic and Inspection Report to issue	Ordinary Maintenance	Standard Delivery Time required
30-MKA-3101	ABB	AMD630L2TBSBM	900	6000	8130004144,01	Exd II BT3	2.275,00	7.670,00	10 Working Days
30-MKA-3002	ABB	AMI500L4L BSFPH	2285	3300	4635656	Ex pxe IIC T3	3.250,00	11.830,00	10 Working Days
30-MKC-3601	ATB Schorch	KV6035G-PA04	1480	6000	48512511/1	Ex pxe IIC T3	2.600,00	9.100,00	10 Working Days
30-MKB-6001	NIDEC-ASI	ET 450L	190	6000	10251781	Exd II BT3	1.560,00	3.705,00	10 Working Days
30-MKB-3701A	NIDEC-ASI	CT500Y6	1090	6000	10257779	Exd II BT3	2.275,00	7.930,00	10 Working Days
30-MKB-3701B	NIDEC-ASI	CT500Y6	1090	6000	10257780	Exd II BT3	2.275,00	7.930,00	10 Working Days
30-MPA-2501A	ABB	AMD355L4 RBABgM	185	6000	8130003805.01/ 1	Exd II BT3	1.625,00	3.861,00	10 Working Days
30-MPA-2501B	ABB	AMD355L4 RBABgM	185	6000	8130003805.01/ 2	Exd II BT3	1.625,00	3.861,00	10 Working Days
30-MPA-2501S	ABB	AMD355L4 RBABgM	185	6000	814000123,01	Exd II BT3	1.625,00	3.861,00	10 Working Days
30-MPA-2502A	ABB	AMD500L2 TBABM	570	6000	8130003805.02/ 1	Exd II BT3	2.080,00	5.070,00	10 Working Days
30-MPA-2502B	ABB	AMD500L2 TBABM	570	6000	8130003805.02/ 1	Exd II BT3	2.080,00	5.070,00	10 Working Days
30-MPA-2502S	ABB	AMD500L2 TBABM	570	6000	814000123,02	Exd II BT3	2.080,00	5.070,00	10 Working Days
30-MPA-3201A	ATB Schorch	KD2354X-AH41E	200	6000	44024401/1	Ex de II BT4	1.625,00	3.705,00	10 Working Days
30-MPA-3201B	ATB Schorch	KD2354X-AH41E	200	6000	44024401/2	Ex de II BT4	1.625,00	3.705,00	10 Working Days
30-MPA-2602A	ABB	AMI500L2L BSPH	2000	11000	4637936	Ex pxe IIC T3	3.250,00	11.440,00	10 Working Days
30-MPA-2602B	ABB	AMI500L2L BSPH	2000	11000	4636043	Ex pxe IIC T3	3.250,00	11.440,00	10 Working Days
30-MPA-2602S	ABB	AMI500L2L BSPH	2000	11000	4636044	Ex pxe IIC T3	3.250,00	11.440,00	10 Working Days
30-MPA-2601A	ABB	AMD355L6 RBABgM	325	6000	8130003805.03/ 1	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-MPA-2601B	ABB	AMD355L6 RBABgM	325	6000	8130003805.03/ 2	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-MPA-2601C	ABB	AMD355L6 RBABgM	325	6000	8130003805.03/ 3	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-MPA-2601D	ABB	AMD355L6 RBABgM	325	6000	8130003805.03/ 4	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-MPA-2601S	ABB	AMD355L6 RBABgM	325	6000	8140000123,03	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-KC-6101A	ABB	AMD355L4RBABg FM	350	690	8140003640.01/ 1	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-KC-6101B	ABB	AMD355L4RBABg FM	350	690	8140003640.01/ 2	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-KC-6101C	ABB	AMD355L4RBABg FM	350	690	8140003640.01/ 3	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-MPA-6601A	ABB	AMD355L4RBABg M	230	6000	8140001179.01/ 1	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-MPA-6601B	ABB	AMD355L4RBABg M	230	6000	8140001179.01/ 2	Exd II BT3	1.625,00	4.498,00	10 Working Days
30-MKA-3101S	ABB	AMD630L2TBSBM	900	6000	8130003023,01	Exd II BT3	2.275,00	4.420,00	10 Working Days
Turbine SOLAR	ABB	AMS900L4ABSPT	15930 kVA	11000	8268892		0,00	0,00	10 Working Days
Turbine SOLAR	ABB	AMS900L4ABSPT	15930 kVA	11000	8268893		0,00	0,00	10 Working Days
30-MKB-3311A	Nidec ASI SPA	ET 450 L4	250	6000			1.625,00	4.673,50	10 Working Days
30-MKB-3311B	Nidec ASI SPA	ET 450 L4	250	6000			1.625,00	4.673,50	10 Working Days
30-MKB-3311C	Nidec ASI SPA	ET 450 L4	250	6000			1.625,00	4.673,50	10 Working Days
30-MKC-6201A	Siemens	NF614537570100 01	267	6000			1.625,00	4.940,00	10 Working Days
30-MKC-6201B	Siemens	NF614537570100 01	267	6000			1.625,00	4.940,00	10 Working Days
30-MPA-6802A	ATB Schorch	KD2408XAH41E	355	6000			1.625,00	4.706,00	10 Working Days
30-MPA-6802B	ATB Schorch	KD2408XAH41E	355	6000			1.625,00	4.706,00	10 Working Days
30-MPA-6802C	ATB Schorch	KD2408XAH41E	355	6000			1.625,00	4.706,00	10 Working Days
30-MPA-0102	WEG	TEFC (frame HGF 400C/D/E)	500	6000			2.080,00	5.018,00	10 Working Days

TABELLA D – PREZZI SERVIZI CONSEGNA URGENTE MEDIUM VOLTAGE MOTORS

Medium Voltage Motors/Alternators	Costs for the Activities required for each Motor
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MV Motor tag	Manufacturer	Type	Rated Power [kW]	Voltage [V]	Serial Number	Atex	Diagnostic and Inspection Report to issue	Ordinary Maintenance	Urgent Delivery Time required
30-MKA-3101	ABB	AMD630L2TBSBM	900	6000	8130004144,01	Exd II BT3	1.750,00	8.555,00	7 Working Days
30-MKA-3002	ABB	AMI500L4L BSFPH	2285	3300	4635656	Ex pxe IIC T3	2.500,00	13.195,00	7 Working Days
30-MKC-3601	ATB Schorch	KV6035G-PA04	1480	6000	48512511/1	Ex pxe IIC T3	2.000,00	10.150,00	7 Working Days
30-MKB-6001	NIDEC-ASI	ET 450L	190	6000	10251781	Exd II BT3	1.200,00	3.990,00	7 Working Days
30-MKB-3701A	NIDEC-ASI	CT500Y6	1090	6000	10257779	Exd II BT3	1.750,00	8.845,00	7 Working Days
30-MKB-3701B	NIDEC-ASI	CT500Y6	1090	6000	10257780	Exd II BT3	1.750,00	8.845,00	7 Working Days
30-MPA-2501A	ABB	AMD355L4 RBABgM	185	6000	8130003805.01/1	Exd II BT3	1.250,00	4.158,00	7 Working Days
30-MPA-2501B	ABB	AMD355L4 RBABgM	185	6000	8130003805.01/2	Exd II BT3	1.250,00	4.158,00	7 Working Days
30-MPA-2501S	ABB	AMD355L4 RBABgM	185	6000	814000123,01	Exd II BT3	1.250,00	4.158,00	7 Working Days
30-MPA-2502A	ABB	AMD500L2 TBABM	570	6000	8130003805.02/1	Exd II BT3	1.600,00	5.460,00	7 Working Days
30-MPA-2502B	ABB	AMD500L2 TBABM	570	6000	8130003805.02/1	Exd II BT3	1.600,00	5.460,00	7 Working Days
30-MPA-2502S	ABB	AMD500L2 TBABM	570	6000	814000123,02	Exd II BT3	1.600,00	5.460,00	7 Working Days
30-MPA-3201A	ATB Schorch	KD2354X-AH41E	200	6000	44024401/1	Ex de II BT4	1.250,00	3.990,00	7 Working Days
30-MPA-3201B	ATB Schorch	KD2354X-AH41E	200	6000	44024401/2	Ex de II BT4	1.250,00	3.990,00	7 Working Days
30-MPA-2602A	ABB	AMI500L2L B5PH	2000	11000	4637936	Ex pxe IIC T3	2.500,00	13.200,00	7 Working Days
30-MPA-2602B	ABB	AMI500L2L B5PH	2000	11000	4636043	Ex pxe IIC T3	2.500,00	13.200,00	7 Working Days
30-MPA-2602S	ABB	AMI500L2L B5PH	2000	11000	4636044	Ex pxe IIC T3	2.500,00	13.200,00	7 Working Days
30-MPA-2601A	ABB	AMD355L6 RBABgM	325	6000	8130003805.03/1	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-MPA-2601B	ABB	AMD355L6 RBABgM	325	6000	8130003805.03/2	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-MPA-2601C	ABB	AMD355L6 RBABgM	325	6000	8130003805.03/3	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-MPA-2601D	ABB	AMD355L6 RBABgM	325	6000	8130003805.03/4	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-MPA-2601S	ABB	AMD355L6 RBABgM	325	6000	8140000123,03	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-KC-6101A	ABB	AMD355L4RBABgF M	350	690	8140003640.01/1	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-KC-6101B	ABB	AMD355L4RBABgF M	350	690	8140003640.01/2	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-KC-6101C	ABB	AMD355L4RBABgF M	350	690	8140003640.01/3	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-MPA-6601A	ABB	AMD355L4RBABg M	230	6000	8140001179.01/1	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-MPA-6601B	ABB	AMD355L4RBABg M	230	6000	8140001179.01/2	Exd II BT3	1.250,00	4.844,00	7 Working Days
30-MKA-3101S	ABB	AMD630L2TBSBM	900	6000	8130003023,01	Exd II BT3	1.750,00	4.760,00	7 Working Days
Turbine SOLAR	ABB	AMS900L4ABSPT	15930 kVA	11000	8268892		0,00	0,00	7 Working Days
Turbine SOLAR	ABB	AMS900L4ABSPT	15930 kVA	11000	8268893		0,00	0,00	7 Working Days
30-MKB-3311A	Nidec ASI SPA	ET 450 L4	250	6000			1.250,00	5.033,00	7 Working Days
30-MKB-3311B	Nidec ASI SPA	ET 450 L4	250	6000			1.250,00	5.033,00	7 Working Days
30-MKB-3311C	Nidec ASI SPA	ET 450 L4	250	6000			1.250,00	5.033,00	7 Working Days
30-MKC-6201A	Siemens	NF6145375701000 1	267	6000			1.250,00	5.320,00	7 Working Days
30-MKC-6201B	Siemens	NF6145375701000 1	267	6000			1.250,00	5.320,00	7 Working Days
30-MPA-6802A	ATB Schorch	KD2408XAH41E	355	6000			1.250,00	5.068,00	7 Working Days
30-MPA-6802B	ATB Schorch	KD2408XAH41E	355	6000			1.250,00	5.068,00	7 Working Days
30-MPA-6802C	ATB Schorch	KD2408XAH41E	355	6000			1.250,00	5.068,00	7 Working Days
30-MPA-0102	WEG	TEFC (frame HGF 400C/D/E)	500	6000			1.600,00	5.597,00	7 Working Days

ANNEX 1 – DETAIL

Details of the Activities							
Diagnostic and Inspection Report to issue	Motor Maintenance	Motor Paint and Heat Treatment	Motor Rewinding	A/R Transportation up to 700 kg	A/R Transportation from 700 kg to 5000 kg	Delivery Time required	Urgent Delivery Time required
Motor inspection and Fault analysis with issuing of Inspection Report highlighting all the activities to perform and overall	complete disassembly of the motor	heat treatment of the rotor and stator with class H insulation	check of the magnetic pack by performing the ring test	Transportation of the Motor from and To (A/R) tempa Rossa warehouse for load up to 700 kg;	Transportation of the Motor from and To (A/R) tempa Rossa warehouse for load up to 5000 kg;	The delivery time includes also the A/R transportation	The urgent delivery time includes the A/R Transportation

cost. The cost of this item does not apply if repairs are carried out.		paint with oven drying					
	Rotor extraction		dismantling old winding			The delivery time count down starts when the motor leave the site and end when	For this service has to be defined a Cost Increasing factor
	preliminary measurement of stator winding insulation values		construction of a new winding as the original (copper included)			The lead time Company notification (by Email) and the motor pickup, cannot be more	The delivery time count down starts when the motor leave the site and end when the motor is
	hydro- washing by means equipment with controlled pressure		rewiring			After received the Diagnostic of the Motor, The Company has to give feedback to the Subcontractor if proceed or not with reparation activities within 24 Hours from Diagnostic report	The lead time between Company notification (by Email) and the motor pick up, cannot be more than 24 Hours, weekend included.
	drying cycle in ventilated oven with controlled tempering		impregnation and oven drying cycle				After received the Diagnostic of the Motor, The Company has to give feedback to the Subcontractor if proceed or not with reparation
	verification of the electrical balance of the phases of the stator winding		In case of execution of Motor rewinding, it has necessary to execute also the actions provided from Motor Maintenance and Motor heat Treatment				
	verification of shaft linearity						

	dimensional check of bearingseats on shields and						
	shaft						
	dynamic balancing						
	Supply and replacement ofbearings						
	bearings grasingif required						
	rotor and stator painting						
	complete reassembly ofthe motor						
	bench (no- load) rotation test						
	issuance of report of work performed andtest results + Testing Certificates						

ANNEX 2 – DETAI

Details of the Activities				
Diagnostic and Inspection Report to issue	Ordinary Maintenance	A/R Transportation up to 5000 kg	Delivery Time required	Urgent Delivery Time required
Motor/Alternator inspection and Fault analysis with issuingof Inspection Report highlighting all the activities toperform and overall cost. The cost of this item does not apply if repairs are carried out	visual inspection of the outer casing	Transportation of the Motor from and To (A/R) tempa Rossawarehouse for load up to 5000 kg;	The delivery time includes alsothe A/R transportation	The urgent delivery time includes the A/R Trasportation

	preliminary measurement of stator winding insulation values		The delivery time count down starts when the motor leave the site and end when the	For this service has to be defined a Cost Increasing factor
	complete disassembly of the motor		The lead time between Company notification (by Email) and the motor pick up, cannot be more than 24	The delivery time count down starts when the motor leave the site and end when the
	hydro-washing by means of "pulivapor" equipment with controlled pressure		After received the Motor, The Company feedback to the or not with reparation Hours from Diagnostic receivement. (also included in the delivery time)	The lead Company and the motor be more weeken d
	drying cycle in ventilated oven with controlled temperature			After received the Diagnostic of the Motor, The Company has to give feedback to the Subcontractor if proceed or not with reparation
	verification of the electrical balance of the phases of the stator winding			
	painting of the stator winding with paint suitable for the insulation degree of the motor and as required by current IEC standards			
	check of the cage with special attention to the welds between the cage and the short-circuit			
	verification of shaft linearity			
	dimensional check of bearing seats on shields and shaft dynamic balancing on a CEMB numerically controlled balancing machine with issuance of certification			

	painting of inner parts of shields			
	replacement of rolling bearings or adjustment of metal bearings with inspection of bearing surfaces and cleaning of bearings and accessories			
	cleaning, thorough and general inspection of all other mechanical components			
	complete reassembly of the motor			
	repeat measurement of stator winding insulation values			
	bench (no-load) rotation test			
	external repainting of the housing			
	issuance of report of work performed and test results + Testing Certificates			

NOTE

- 1) CARICO E SCARICO A VS. CURA
- 2) COSTO DEL VIAGGIO: POSSONO ESSERE CARICATI PIU' MOTORI IL PREZZO E' RIFERITO AL PESO MASSIMO COME DA VS. RICHIESTA. I PESI INFERIORI SARANNO QUOTATI A SECONDA DELL' INGOMBRO
- 3) PREZZO TOTALE MANUTENZIONE: COLONNE 1 + 2 + 3 (TABELLA A e B)
PREZZO TOTALE RIPARAZIONE: COLONNE 1 + 2 + 3 + 4 (TABELLA A e B)
- 4) NON POSSIAMO DARE NESSUNA CERTIFICAZIONE IN RIFERIMENTO ALLA CLASSIFICAZIONE EXD DELLE MACCHINE

R.E.M. S.r.l.
Via Ferruccio 46/A - 03010 Patrica (Fr)
Tel. 0775 830118 - Fax 0775 839345
C.F.P. IVA 0280470806 S07M5UXCR1
CCIAA N. 139995 del 03.05.2002