



Gresik , 10 April 2019

No Est. : 683-GMIP-IV-2019 ( Rev.00 )  
Re : Revisi penawaran harga untuk Installation P. Synchronizing G1/G2 & Modification P. Coupler Genset 500KVA (Existing)  
Project : PT. Surabaya Autocomp Indonesia Block T

Kepada Yth :  
**PT. Surabaya Autocom Indonesia**  
Jl. Mojoparon  
Bangil, Pasuruan.  
Telp. : 0343-740230  
Fax. : 0343-740239

Up. : **Ibu. Idha**  
SPV Purchasing  
cc : **Bp. M. Faiz**  
Senior SPV MTC  
**Bp. Sujai**  
Foreman MTC

Dengan Hormat,

Berikut kami kirimkan penawaran harga untuk Installation P. Sysncronizing G1/G2 & Modifikasi P. Coupler Genset dengan perincian sebagai berikut :

No.	Description	Unit	Qty	PRICE		TOTAL
				Material ( Rp )	Labour ( Rp )	
1	Installation P. Synchronizing G1/G2 & Modification P. Coupler Genset 500kVA - 500 KVA (Existing)	Lot	1	668.212.500	55.621.400	723.833.900
Total Rp.						723.833.900

Belum termasuk PPN 10%.

Untuk kondisi penawaran harga silakan lihat pada lampiran

Terima kasih atas kerjasamanya

Salam Hormat,

**SUYOKO**  
Direktur Utama  
Hp. 0811 336 273  
Mail : suyoko@gamindo.co.id

**ESTIMATE CONDITION ARE :**

- A. Date Of Quotation : April 10, 2019
- B. Validity of this Quotation : April 25, 2019
- C. Construction term : 2 Months
- D. Construction place : Ngoro, Mojokerto, East Java
- E. Estimate conditions :
- 1 Contract system : - Lump sum Contract System (as mentioned condition) [ ]  
- Design and Supervisory [ ]  
- Supply Material / [ ] Supply Labour [ ]  
- Base BQ [ X ]
- 2 Standards and Regulations : - Standard (JIS, JEC, JEM, BS, IEC, NEMA, NEC, ANSI) [ X ]  
- Indonesia Standard (PUIL, PLN) [ X ]
- 3 Estimate on the base of Specification : - Your provided specification [ ]  
- Our maker specification [ X ]
- Drawings : - Your provided drawing [ ]  
- Our maker drawing [ X ]  
- No drawing requirement [ ]
- 4 Material price : - Fixed price [ ]  
- % Fixed price [ X ]
- 5 Payment schedule in our request : - 30% Down Payment  
- 65% Progress.  
- 5% Retention
- 6 Scope of work
- 6,1 Origin of Materials : - Foreign Countries [ ]  
- Procured in Indonesia [ X ]
- 6,2 Supervisor : - Indonesia [ X ]  
- Other Country [ ]
- 6,3 Construction Site Office : - Included [ ]  
- Excluded [ X ]
- 6,4 Warehouse & Workshop : - Included [ ]  
- Excluded [ X ]
- 6,5 Accomodation for Supervisor : - Included [ X ]  
- Excluded [ ]

- |      |  |  |       |
|------|--|--|-------|
| 6,6  | Electric Power Source and Water Source for Construction by Owner : |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,7  | Construction Heavy Equipment :                                     |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,8  | Application Charges for Authorized :                               |  |       |
|      | - Included (Local Government)                                      |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,9  | Maintenance :  |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,10 | Material Spare-parts of Equipment :                                |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,11 | Security Equipment and Guardman :                                  |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,12 | Labour Insurance Premiums :  |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,13 | Construction All Risk Insurance                                    |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,14 | Shop Drawing for Construction                                      |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |
| 6,15 | Others   |  |       |
|      | - Included   |  | [   ] |
|      | - Excluded   |  | [ X ] |

F. Excluded works :

- (1) Government Permit ( IMB )
- (2) CIVIL WORKS
- (3) ASURANSI MESIN

## PT.GAJAHMUNGKUR INDONESIA PERKASA

Work : Installation P. Synchronizing G1/G2 &amp; Modification P. Coupler Genset 500kVA - 500 KVA (Existing)

## DETAIL ESTIMASI

NO	DESCRIPTION	UNIT	Q'TY	PRICE				REMARKS
				Material		Labour Cost		
				Unit (Rp.)	Total (Rp.)	Unit (Rp.)	Total (Rp.)	
A	Installation P. Synchronizing G1/G2 & Modification P. Coupler Genset 500kVA - 500 KVA (Existing)							
1	Installation P. Synchronizing Genset No.1 & 2							
	Panel Shyncronising Genset No.1 (500 KVA) & Genset no.2 (500 KVA)	Set	1	482.559.500	482.559.500			
	For GENSET 500kVa							
	ACB 4P 1000A 65kA, Fix Motor AE-1000SW MITSUBISHI 1 Pc							
	For Accessories ACB							
	+MOTORIZED include in ACB MITSUBISHI							
	+UVT (UVT-A240-W (INST)) MITSUBISHI							
	For INDICATOR							
	PILOT LAMP LED AC220V R,O,G YW1P-2EQ IDEC 3 Pcs							
	MCB 1P 6A 10kA iK60N SCHNEIDER 4 Pcs							
	For Control							
	MCB 2P 6A 6kA iK60N SCHNEIDER 1 Pc							
	PILOT LAMP LED AC220V R,O,G YW1P-2EQ IDEC 3 Pcs							
	AUX RELAY AC220V + Socket + Clip MY-4N OMRON 5 Pc							
	For Control SYNCHRONE							
	CT 1000/5A 15VA Cls. 1 HG 82 - 1000 HOWIG 3 Pcs							
	MCB 3P 10A 10kA iK60N SCHNEIDER 1 Pc							
	MCB 2P 6A 10kA iK60N SCHNEIDER 1 Pc							
	MCB 1P 6A 10kA iK60N SCHNEIDER 4 Pcs							
	AUTO SYNCHRONISER 8610 DEEP SEA 1 Pc							
	BATTERY CHARGER DC24V 10A DSE9470 MKII DEEP SEA 1 Pc							
	AMMETER DC 0-15A 48 x 48 HELLES 1 Pc							
	VOLT METER DC 0-30V 48 x 48 HELLES 1 Pc							
	AUX RELAY AC220V + Socket + Clip MY-4N OMRON 5 Pcs							
	AUX RELAY DC24V + Socket + Clip MY-4N OMRON 5 Pcs							
	AUX RELAY DC24V + Socket + Clip LY-4N OMRON 8 Pcs							
	TIMER RELAY AC220V + Socket H3CR-A OMRON 1 Pc							
	SELECTOR SWITCH (CLOSE/OPEN) (SPRING) CA10-A215 K & N 1 Pc							
	HORN DC 24V TC2 CAMCO 1 Pc							
	PUSH BUTTON EMERGENCY STOP YW1B-V4E11 IDEC 1 Pc							
	PUSH BUTTON RESET YW1B-MIE IDEC 1 Pcs							
	PILOT LAMP DC24V W,O XB5-AVB SCHNEIDER 2 Pcs							
	PILOT LAMP AC220V R,Y,G LED XB5-AVM SCHNEIDER 5 Pcs							
	DIODE 20A 100V - JAPAN 2 Pcs							
	RESISTOR - LOCAL 1 Pc							
	Box							
	DOOR SWITCH CZ-7144 SHEMCO 1 Pc							
	FLUORESCENT LAMP AC220V LED 4W 31099 PHILIPS 1 Pc							
	Box : 800(W) x 2050(H) x 1230(D) INDOOR MME 1 Set							
	Material + Labour Cost							
	MATERIAL 1 Lot							
	ASSEMBLY 1 Lot							

**PT.GAJAHMUNGKUR INDONESIA PERKASA**

Work : Installation P. Synchronizing G1/G2 &amp; Modification P. Coupler Genset 500kVA - 500 KVA (Existing)

**DETAIL ESTIMASI**

NO	DESCRIPTION	UNIT	Q'TY	PRICE				REMARKS	
				Material		Labour Cost			
				Unit (Rp.)	Total (Rp.)	Unit (Rp.)	Total (Rp.)		
	Cable NYHY 10c x 1,5mm	Genset 500 to P. Synchronizing	ex. Supreme / equal	Control	Mtr	40	84.600	3.384.000	
	Cable NYY 3c x 4mm	Genset 500 to P. Synchronizing	ex. Supreme / equal	Charger	Mtr	40	30.400	1.216.000	
	Cable NYY 3c x 2.5mm	LVMDP 500 to P. Synchronizing	ex. Supreme / equal	Power Control	Mtr	40	19.800	792.000	
	Cable SHIEDED 2c x 1.5mm	Genset 500 to P. Synchronizing	ex. Supreme / equal	Power Control	Mtr	80	23.100	1.848.000	
	Termination				Lot	1	1.449.500	1.449.500	
	Cconduite & Accesories								
	Steel Conduit E-32mm				Pcs	4	112.400	449.600	
	Accesories for Above				Lot	1	134.900	134.900	
	Consumable				Lot	1	696.000	696.000	
	Supporting material				Lot	1	1.206.100	1.206.100	
	Painting Works				Lot	1	132.700	132.700	
	Miscellanouse Fee				Lot	1	719.400	719.400	
	Labour Cost				Lot	1			19.616.800
	Total 1							494.587.700	19.616.800
1,2	Modification P. Coupler Genset 1600KVA Interlock with PLN (Existing)								
	Modification Panel Coupler 1600 KVA				Lot	1	173.624.800	173.624.800	
	Replacement New ACB 4P 1600A 65kA, FIX MOTORIZED AE-1600SW	ex. Mitsubishi		1 Set					
	- . Motorized								
	- . Aux Contact								
	- . UVT								
	Modification ATS Panel Existing								
	- . Installation ATS Modul	DSE7320	DEEPSEA	1 Pcs					
	- . CT 1600/5A	HG 82 - 2000	HOWIG	3 Pcs					
	Labour Cost				Lot	1			36.004.600
	Total 1.2							173.624.800	36.004.600
	Total A							668.212.500	55.621.400
	Total - ( 1 )							668.212.500	55.621.400