

PO NO : PO/Tyre/Crossworld/21-001  
11<sup>th</sup> November 2021

Cross-world  
House NE (O) 06, Road-92,  
Gulshan-2, Dhaka-1212, Bangladesh.

**Subject: Work Order for Supply, Installation, Testing & Commissioning of 33/11 kv Sub- station.**

Attention: Mr. Sumon Rahman, Senior Engineer-Project sales, Contact No.: 01755-514 739

Dear Mr. Sabbir,

With reference to your quotation# CWPL/GAZI/28022021, dated 08<sup>th</sup> April 2021 subsequent discussion regarding supply of sub-station. We are pleased to issue work order for following items in accordance to specification mentioned in your proposal dated 08<sup>th</sup> April 2021. Particulars are given below:

**Part-A, 33 Kv Part**

SL. No.	Item Name	Description	Qty.	Unit	Unit Price in Taka	Amount in Taka
1	Bay Extension	As per attached technical data with your offer and our requirement.	01	Set	6,47,895.00	6,47,895.00
2	Isolator with earth blade		01	Set	1,94,737.00	1,94,737.00
3	Surge Arrester		01	Set	1,57,895.00	1,57,895.00
4	Out Door (For Protection & Monitoring)		02	Set	2,71,579.00	2,71,579.00
5	Out Door Vacuum Circuit Breaker (VCB)		01	Set	2,71,579.00	2,71,579.00
6	Out Door Vacuum Circuit Breaker (VCB)		01	Set	1,036,843.00	1,036,843.00
7	Oil Immersed Transformer with (OLTC)		01	Set	72,18,750.00	72,18,750.00
8	Control Panel (Indoor USE)		01	Set	5,81,053.00	5,81,053.00
9	NGR Panel & NGS		01	Set	14,68,422.00	14,68,422.00
	Total Amount					11,84,8,753.00
	Total Amount in Taka Part-A (Excluding VAT & AIT):					11,84,8,753.00
	Part-B.11kv , 4.5 MVA					
10	Lightning Arrestor	As per attached technical data with your offer and our requirement.	1	Set	4,737.00	4,737.00
11	HT Switchgear (630A VCB)		4	Set	6,21,643.00	2,48,6,572.00
12	BUS PT Panel		1	Set	1,17,895.00	1,17,895.00
13	Oil Immersed Transformer		2	Set	4,09,3,046.00	8,18,092.00
14	LT Panel -New		1	Set	6,22,9,762.00	6,22,9,762.00
15	LT Panel-Existing Panel		1	Set	13,97,966.00	1,39,7,966.00
16	Heat Shrink Kit		14	Set	1,264.00	17,696.00


17	Delivery, Installation Testing.		1 Job	Set	2,10,527.00	2,10,527.00
	Total Amount in Taka-Part-B (Excluding VAT & AIT)					18,65,1,247.00
	Total Amount in Taka-Part-B (Excluding VAT & AIT) (A+B)					30,500,000.00

In Words: Three Crore Five Lac Taka Only.

**Terms & Conditions:**

- Delivery: Within 120 days from receiving work order.
- Delivery Address: Khadun, Rupshi, Rupgonj. Narayangonj.
- Payment: 50% advance along with work order & remaining 30% before delivery at the site. 20% after commissioning upon submission of 10% (Bank guarantee) of work order.
- Warranty (Transformer): Three years from the date of delivery.
- Warranty (Equipment): One year after commissioning.

Thanking You,

  
(Gazi Golam Ashria)  
Managing Director  
Gazi Auto Tyres  
Khadun, Rupgonj, Narayangonj.

CC:

- Managing Director
- ED (Administration & Corporate Affairs)
- ED (Production, R&D)
- ED (A & F)
- Audit
- Store.



SALES OFFER

SUB-STATION (FOR OIL TYPE)  
(PART-1)

CLIENT	GAZI TYRE LTD.
ADDRESS	Rupshi, Rupganj, Narayanganj, Dhaka, Bangladesh.
OUR REFERENCE	CWPL/GAZI/28022021_R3458
DATE	April 08, 2021.
PROJECT DETAIL	Offer for supply, installation, testing & commissioning of 33/11KV Sub-Station.

Submitted by	Md. Sumon Rahman
Designation	Senior Engineer- Project Sales
Mobile Number	01755514739
P: 1/B, R: 90, Gulshan-2, Dhaka-1212   p: (880 2) 8811858, 8816528   f: (880 2) 8816205   email: <a href="mailto:sumon@cross-world.com">sumon@cross-world.com</a>	



Ref : CWPL/GAZI/28022021\_R3458  
Dated: Thursday, April 8, 2021

To  
The Managing Director  
**Gazi Tyre Limited.**  
Rupshi, Rupganj, Narayanganj,  
Dhaka, Bangladesh.

### FINAL REVISED FINANCIAL OFFER

**Sub : Final Revised offer for supply, installation, testing & commissioning of 33/11KV Sub-Station.**

#### PART A\_33KV PART

SL #	Descriptions	Qty.	Unit	Unit price In Taka	Total price In Taka
1	33 KV BAY EXTENSION	1	Set	647,895	647,895
2	33KV GANG ISOLATOR WITH EARTH BLADE	1	Set	194,737	194,737
3	33KV SURGE ARRESTER	1	Set	157,895	157,895
4	33KV CT(OUT DOOR) (FOR PROTECTION & MONITORING)	1	Set	271,579	271,579
5	33KV PT(OUT DOOR) (FOR PROTECTION & MONITORING)	1	Set	271,579	271,579
6	33KV OUTDOOR VACCUUM CIRCUIT BREAKER (VCB)	1	Set	1,036,843	1,036,843
7	33/11KV 6MVA OIL IMMERSED TRANSFORMER (with OLTC)	1	Set	7,218,750	7,218,750
8	CONTROL PANEL (INDOOR USE)	1	Set	581,053	581,053
9	NGR Panel & NGS	1	Set	1,468,422	1,468,422

**Total Price in Taka-Part-A (Excluding VAT & AIT)= 11,848,753**

#### PART B\_11KV PART\_4.5MVA

7	11KV LIGHTNING ARRESTOR	1	Set	4,737	4,737
8	11 KV HT SWITCHGEAR ( 630A VCB) :	4	Set	621,643	2,486,572
9	BUS PT Panel	1	Set	117,895	117,895
10	11/0.415KV 4.5MVA OIL IMMERSED TRANSFORMER	2	Set	4,093,046	8,186,092
11	LT PANEL-New	1	Set	6,229,762	6,229,762
12	LT PANEL-Existing Panel	1	Set	1,397,966	1,397,966
13	11KV Heat Shrink Kit	14	Set	1,264	17,696
14	Delivery , Installation & Testing (without any power cable & civil works)	1	Set	210,527	210,527

**Total Price in Taka -Part-B(Excluding VAT & AIT)= 18,651,247**

<b>Grand Total Price after Discount in Taka=Part (A+B) Excluding VAT &amp; AIT=</b>	<b>30,500,000</b>
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**TERMS & CONDITION :**

- 1 **Valldity** : Our offer will remain valid for a period of 40 days from the date of this offer.
- 2 **Delivery:** Within 120 days after receipt of confirmed order & payment as per clause # 3.
- 3 **Payment** : 50% as advance along with work order & remaining  
30% before delivery at the site.  
20% after commissioning upon submission of 10% **BG(Bank Guarantee)** of Work Order value.
- 4 **Warranty** : **Transformer** : Three years after delivery.  
**Rest of the Equipment** : One year after commissioning or one & half year from the date of delivery which come earlier.

Thanking you  
Yours very truly,  
**Cross World Power Ltd.**

**Md.Sumon Rahman**  
Senior Engineer, Project Sales  
Cell: 01755514739

**Engr. Moshir Rahman**  
Head of sales  
Cell: 01755514703



# TECHNICAL SPECIFICATION

## 1 33KV GANG ISOLATOR WITH EARTH BLADE

Set

1

33KV Isolator of following specifications :-  
 Rated voltage (nominal) : 33KV  
 Rated max. voltage : 36KV  
 Rated current (conti.) RMS : 1250A  
 Interrupt current RMS : 20KA  
 Rated frequency : 50Hz  
 BIL : 170KV  
 Withstand test voltage :  
 Lightning Impulse withstand Voltage : 170KV  
 Wet, 10 sec : 72KV  
 Rated Peak Short Circuit Breaking : 62.2kA  
 Across Isolating Distance wet : 195kV  
 Power Frequency withstand voltage 50Hz, 1 in to earth wet : 70kV  
 Brand : TS Bangladesh/Equivalent

## 2 33kV SURGE ARRESTER

Set

1

33kV Gapless Lighting arrester of following specification (Outdoor Type) :-

Rated voltage (Nominal) : 33kV  
 Rated system voltage : 36kV  
 Frequency : 50Hz  
 Number of Phase : 3  
 System Fault Level : 16kA  
 BIL : 200kV

### Technical Specifications :

Minimum spark over (Rms) : 42kV  
 Maximum spark over (Rms) : 170kV  
 Max. impulse spark (crest) : 72kV  
 Withstand voltage  
 (Power frequency 1 Min. dry) : 92kV  
 Withstand voltage  
 (Power frequency 10 sec. wet) : 65kV  
 Nominal discharge current : 20kA  
 Impulse current withstand : 75kA  
 Maximum residual voltage Impulse withstand level:  
 On the arrester Housing -  
 Lightning impulse voltage : 200kV  
 Power Frequency Voltage (dry) : 95kV  
 Power Frequency Voltage (Wet) : 80kV

## 3 33KV CT(OUT DOOR) (FOR PROTECTION & MONITORING)

Set

3

Cast resin insulated dry type 33kV double core current transformer, ratio : 150/5-5A.  
 Core 1 : 10VA, class 0.5M5 for metering  
 Core 2 : 15VA, class 10P10 for protection

Brand : TS Bangladesh/Equivalent

**4 33KV PT(OUT DOOR)(FOR PROTECTION & MONITORING)****Set****3**

Dry type cast resin insulated potential transformer for open delta connection.  
Potential Transformer , 1 Phase ,for Outdoor Installation

Standard : IEC-186/ANSI C57.13

**Specifications :**

Maximum System Voltage	:36kV
Rated Primary Voltage	:33kV
Rated Secondary Voltage	:110//3V
Ratio	:33/√3:0.110/√3kV
Rated Burden	:50VA
Rated frequency	50Hz
Accuracy Class	:0.2/3P
Insulation Level	:70/170kV
Polarity	Subtractive
Voltage Factor	:1.2Vn/Continuous 1.9Vn/8hr

**Brand : TS Bangladesh/Equivalent**

**5 33KV OUTDOOR VACCUUM CIRCUIT BREAKER (VCB)****Set****1**

1 No. 1250 A, 36 KV, breaking current 25 KA Outdoor Porcelain clad tripple pole, EDO, Plinth mountable, self-suuporting vermin proof vacuum circuit breaker comprising of :

- Base mounted lattice type support structure for braker mounting painted
- Circuit Breaker assembly comprising of vacuum interrupters in insert atmosphere, operating links within porcelain housing, top and bottom terminal pads arcing horns assembly
- LT Chamber for linkage (between breaker and mechanism) with access covers wherever necessary.
- Sheet steel cubicle, for outdoor use, housing the operating mechanism box and control accessories for breaker operation.
- Motor operated mechanism complete with motor suitable for 220V AC Shunt trip coil suitable for 110 V AC and ON/OFF Indicator.
- Set of Aluminium alloy terminal connectors suitable for ACSR conductor (size to be furnished by you along with your order)
- Auxiliary Switch comprising of 6 NO + 6 NC contacts.
- Trip-neutral- close circuit breaker (local) control switch.
- Local/Remote selector switch
- Antipumping devise
- Mechanical operation counter
- Necessary LT Fuses for Control Circuit
- Necessary Terminals for Remote Control
- Illumination Lamp with door switch
- Set of fine wires, Fuses, Ferrules, etc.
- Set of Current Transformers as per the specification



**GUARANTEED TECHNICAL PARTICULARS FOR  
OUTDOOR DRAWOUT VACUUM CIRCUIT BREAKER.**

Installation	: Outdoor substation
Type of Breaker	: Vacuum Circuit Breaker
Operation	: Single breaker in service/pole
Rated Voltage	: 33KV
No of Phase	: 3 (Three)
Rated Frequency	: 50Hz
Maximum Nominal Current	: 36 KV
Rated Nominal Current	: 1250A
Rated Lightning Impulse Withstand Voltage	: 170KV
(1.2/50 micro-second wave)	
Single /Three phase fault current rating	
Symmetrical Breaking current	: 25 KA
Asymmetrical Breaking Current	: 27.5 KA
DC Component	: 32 %
Making Current	: 62.5 KA (Peak)
Short time current	: 25 KA (1Sec)
Transient recovery voltage	: As per IEC 56
Number of operations of Vacuum Interrupter	
At rated current	: 30,000
At 100% breaking current	: 50
At 50% breaking current	: 200
Number of operation of driving mechanism	: 10,000
Rated operating duty	: O-0.3 sec-CO-3 min-CO
Contact pressure	: 300 KG
Material of main contact	: Copper Chromium
Power Frequency withstand voltage	: 70KV, 50Hz, 1 min.
Opening time	: 0.05 sec
Breaking time	: 5 Cycle
<b>Origin: ABB /Equivalent</b>	





Three phased transformers ground mounted, oil immersed, with standard accessories. Indoor use. Routine tests and first filling oil included.

Design, manufacturing, routine tests & tolerances according to IEC 76 standards.

Standard fittings : 4 flat bi-directional rollers.

2 lifting lugs

2 earthing points.

1 rating plate (on HV side)

HV connections : 3 porcelain bushing

LV connections : 4 porcelain bushing,

Rated power in MVA	: 6 MVA
System voltage	: 36KV
Frequency	: 50Hz
Primary voltage	: 33KV
Tap Changer	: ON Load
No. of tap position	: 17 Step
Tap position	: +5% to -15% at 1.25% tapping
Secondary voltage	: 11KV
HV impulse KV peak in KV	: 170 kV
Power frequency KV rms	: 70 kV
Vector group	: Dyn11
Max. ambient temp. in Deg. C	: 40
Altitude lower than in meter	: 1000
Temp. rise in winding/oil in Deg. C	: 65/55
No load loss	: 6KW
Load loss at 75 Deg. C	: 48KW
Impedance voltage	: 7%
cooling system	: ONAN

#### **Fittings and accessories:**

Oil conservator with drain plug,  
oil filling hole with blanking plate and oil level

Silica gel breather

Pressure relief vent

Earthing terminals- 2 nos.

Lifting lugs

Air release plug

Oil filling hole with plug

Oil drain outlet

Oil filter inlet

Jacking lugs

Four nos. of unidirectional flat rollers

The rating plate

1 no Buchholz Relay with alarm systems

01 no Digital Oil Temperature Meter

01 no Digital Coil Temperature Meter



### SHAKTI Engineering Limited

<b>Silicon Steel</b>	: USA/Japan/Korea
<b>Super Enamelled Wire</b>	: BRB/Gazi (Bangladesh)/Equivalent
<b>Insulating Materials</b>	: Italy
<b>Copper Wire/Strip</b>	: Singapore/Malaysia/India (Processed in Bd)
<b>Transformer Oil</b>	: Electrol/Sabita/Apar (India)/ Hyrex
<b>OLTC</b>	: CTR, INDIA

### **7 11KV 11KV LIGHTNING ARRESTOR : Set 1**

11kV Lighting Arrestor of following specification :-

Rated voltage (Nominal)	: 9kV
Rated system voltage	: 12kV
Frequency	: 50Hz
Minimum spark over (Rms)	: 14kV
Maximum spark over (Rms)	: 40kV
Max. impulse spark (crest)	: 45kV
Withstand voltage (Power frequency 1 Min. dry)	: 28kV
Withstand voltage (Power frequency 10 sec. wet)	: 24kV
Nominal discharge current	: 5kA
Impulse current withstand	: 55kA

### **8 11 KV HT SWITCHGEAR ( 630A VCB) : Set 4**

14 & 16SWG Sheet steel fabricated 11KV indoor metal enclosed switchgear. This medium voltage switchgear panel shall be used for secondray distribution sub-station upto 12KV & suitable for an ambient temperature of 45 deg.C and rated rupture capacity of 350MVA complete with all accessories, diagrams, levels, wirings & terminals.

#### **Technical Data :**

Service voltage	: 12KV
Rated voltage	: 11KV
Rated current of circuit breaker	: 630A

#### **Insulation level :**

Impulse withstand voltage 1.2/50 micro-sec.	: 75KV (Peak)
Power frequency withstand voltage/1 min.	: 28KV rms.

The equipment proposed under this offer has been designed, manufactured & tested in accordance with the following applicable IEC standards.

- common clause for high voltage switchgear stand:	: IEC 694
- high voltage switchgear in metallic enclosure	: IEC 298
- high voltage ac circuit breakers	: IEC 56
- ac switches and earthing switches	: IEC 129
- high voltage switches	: IEC 265
- high voltage combined switch/fuse for ac current	: IEC 420
- current transformers	: IEC 185
- voltage transformers	: IEC 186
- high voltage fuses	: IEC 282
- control monitoring	: IEC 801



**The switchgear panels shall comprise of :**

630A,12KV,20KA ,50Hz triple pole , Fixed type vacuum circuit breaker with motor/manually operated spring charged mechanism with tripping coil & auxiliary contacts.	Set	1
Cast resin insulated dry type 11KV double core current transformer, ratio : 300/5/5A.	Set	3
Core 1 : 10VA, class 0.5M5 for metering		
Core 2 : 15VA, class 10P10 for protection		
Dry type cast resin insulated potential transformer for open delta connection.	Set	2
Ratio : 11000/110V		
Burden : 50VA, Class : 0.5		
<b>Protection, Measurement and control unit :</b>		
Microprocessor based Protection unit having	Set	1
- Overcurrent (ANSI code 50/51) &		
- Earth fault (50N/51N) protection		
The tripping characteristics of the protection unit shall be of IDMT nature with a setting possibility to IDMT & defferent tripping curves.		
Ampere Meter (0-150A) with Selector Switch	Set	1
Voltmeter (0-15)KV with Selector Switch	Set	1
6A TP MCB for PT secondary protection.	Set	1
ON/OFF Push button.	Set	1
Indicating Lamp	Pcs	5
Panel Heater with thermostat	Set	1

**VCB Brand : ABB**

**IDMT Relay Brand : ABB**

**9 11/0.415 4.5MVA OIL IMMERSED TRANSFORMER Set 2**

Three phased transformers ground mounted, oil immersed, with standard accessories & OFF-LOAD Tap Changer. Indoor & outdoor use. Routine tests and first filling oil included. Design, manufacturing, routine tests & tolerances according to IEC 76 standards.

Standard fittings : 4 flat bi-directional rollers.

- 2 lifting lugs
- 2 earthing points.
- 1 rating plate (on HV side)
- Silicagel Breather
- 1 Bucholz Relay

**Technical Data :**

Rated Capacity	: 4500 KVA
Rated Frequency	: 50 Hz.
Rated Voltage,	
-Primary	: 11000 V
-Secondary	: 415 V/240V at no load
<b>BIL</b>	
-Primary	: 75 KV
-Secondary	: 2.5 KV
Vector Group	: DYn11
Off-load tap changer	: +1x2.5%, 0, -3x2.5%
Tap changing	: On HV side off-load manually from outside.
Interphase connection	: Delta
Dielectric strength	: 28 KV (for 1 min)
LV winding	
-Rated Voltage	: 415/240V
Interphase connection	: Star
Neutral	: Fully Insulated & brought out



Dielectric strength	: 3 KV (for 1 min)
Ambient Temp.	: 40° C
Temperature rise	
-in oil	: 60° C
-in coil	: 65° C
No Load Loss	: 5.5 KW
Full Load Loss	: 31000 W
Impedance	: 6%
Installation	: Indoor/Outdoor
Cooling	: ONAN
Conductor	: Al
HV connections	: 3 porcelain bushing
LV connections	: 4 porcelain bushing,

**10 LT PANEL-New****Set****1**

Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, floor mounting, 415V, 50 Hz, Indoor type LT Switchgear Panel with 6300A Hard Drawn Copper Busbar.

Set of components required for the manufacture of LT Panel comprising :-

**INCOMING**

6300A,100KA, TP fixed type ACB with closing solenoid and store - energy spring charged operating mechanism and solid state microprocessor controlled adjustable thermal overload and short-circuit releases with following accessories:

1 X Auxilliary Contact	2
1 X Closing Coil	
1 X Gear motor for spring charge	
1 X Under Voltage Release	

6300/5A Current Transformer 10/5VA, Class-1	6
Digital Ammeter & Voltmeter	2
Phase Indication lamp	6
CB ON, TRIP Indication lamp	6
ON & OFF push button	4
1x6A,TP MCB for the protection of control circuit	3
1x2A,SP MCB for the protection of control circuit	6

**BUSCOUPLER**

6300A,100KA, TP fixed type ACB with closing solenoid and store -energy spring charged operating mechanism and solid state microprocessor controlled adjustable thermal overload and short-circuit releases with following accessories:

1 X Auxilliary Contact	1
1 X Closing Coil	
1 X Gear motor for spring charge	
1 X Under Voltage Release	

**BUSBAR Details**

10000A TPN Common Busbar

5000A 1/2 E

3x6300A TP Terminal Busbar

**Enclosure****Connection Accessories .****Busbar For BBT**

2x6300A TP Terminal Busbar



**BREAKER BRAND : ABB,Italy**

<b>11</b>	<b>LT PANEL-Existing</b>	<b>Set</b>	<b>1</b>
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Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, floor mounting, 415V, 50 Hz, Indoor type LT Switchgear Panel with Hard Drawn Copper Busbar.

Set of components required for the manufacture of LT Panel comprising :-

**BUSBAR Details**

2x(200x10)mm TPN Common Busbar

3x(100x10)mm E

**Connection Accessories .**

**Busbar For BBT**

2x6300A TP Terminal Busbar

**BREAKER BRAND : ABB,Italy**

Ref : CWPL/GAZI/28022021\_R3458  
Dated: Thursday, March 18, 2021

To  
The Managing Director  
**Gazi Tyre Limited.**  
Rupshi, Rugganj, Narayanganj,  
Dhaka, Bangladesh.

### REVISED FINANCIAL OFFER

Sub : Revised offer for supply, installation, testing & commissioning of 33/11KV Sub-Station.

#### PART A\_33KV PART

SL #	Descriptions	Qty.	Unit	Unit price In Taka	Total price In Taka
1	33 KV BAY EXTENSION	1	Set	707,472	707,472
2	33KV GANG ISOLATOR WITH EARTH BLADE	1	Set	225,610	225,610
3	33KV SURGE ARRESTER	1	Set	182,927	182,927
4	33KV CT(OUT DOOR) (FOR PROTECTION & MONITORING)	1	Set	307,143	307,143
5	33KV PT(OUT DOOR) (FOR PROTECTION & MONITORING)	1	Set	307,143	307,143
6	33KV OUTDOOR VACCUUM CIRCUIT BREAKER (VCB)	1	Set	1,172,620	1,172,620
7	33/11KV 6MVA OIL IMMERSED TRANSFORMER (with OLTC)	1	Set	7,700,000	7,700,000
8	CONTROL PANEL (INDOOR USE)	1	Set	745,946	745,946
9	NGR Panel & NGS	1	Set	1,550,000	1,550,000

Total Price in Taka-Part-A (Excluding VAT & AIT)= 12,898,861

#### PART B\_11KV PART\_4.5MVA

7	11KV LIGHTNING ARRESTOR	1	Set	5,845	5,845
8	11 KV HT SWITCHGEAR ( 630A VCB) :	4	Set	630,545	2,522,180
9	BUS PT Panel	1	Set	155,556	155,556
10	11/0.415KV 4.5MVA OIL IMMERSED TRANSFORMER	2	Set	4,677,766	9,355,532
11	LT PANEL-New	1	Set	7,569,753	7,569,753
12	LT PANEL-Existing Panel	1	Set	1,786,289	1,786,289
13	11KV Heat Shrink Kit	14	Set	1,936	27,104
14	Delivery , Installation & Testing (without any power cable & civil works)	1	Set	263,158	263,158

Total Price in Taka -Part-B(Excluding VAT & AIT)= 21,685,417

Grand Total Price in Taka=Part (A+B) Excluding VAT & AIT= 34,584,278

Plot 1/B, Road 90, Gulshan 2, Dhaka 1212, Bangladesh  
(8802) 8811858, 8816528, 9891442; Fax: (8802) 8816205; E-mail: Info@cross-world.com

325  
Total 34,584,278  
Kushal  
7/4/2021

**Gazi Auto Tyres**  
Rupshi, Narayangonj  
**Requisition of Materials**  
(Local Spare Parts)

Date: 10/04/2021

Req. No: GAT/Store/0188

Ser. No	Name	Description/PT No.	Size	Qty	Purpose	Remarks
1.	Bay Extension	33KV	-	01 Set	New Generator 4.3MW Installation commissioning 33/11kv sub-station	
2.	Isolator with earth blade	33KV Gang	-	01 Set		
3.	Surge Arrester	33 KV	-	01 Set		
4.	Out Door (For Protection & Monitoring)	33 KV CT	-	01 Set		
5.	Out Door (For Protection & Monitoring)	33 KV PT	-	01 Set		
6.	Out Door Vacuum Circuit Breaker (VCB)	33KV	-	01 Set		
7.	Oil Immersed Transformer with (OLTC)	33/11 KV 6MVA	-	01 Set		
8.	Control Panel (Indoor USE)	-	-	01 Set		
9.	NGR Panel & NGS	-	-	01 set		
10.	Lightning Arrestor	11 KV	-	01 Set		
11.	HT Switchgear (630A VCB)	11 KV	-	04 Set		
12.	BUS PT Panel	-	-	01 Set		
13.	Oil Immersed Transformer	11/0.415 KV 4.5MVA	-	02 Set		
14.	LT Panel -New	-	-	01 Set		
15.	LT Panel-Existing Panel	-	-	01 Set		
16.	Heat Shrink Kit	11 KV	-	14 Set		
17.	Delivery, Installation & testing (01 Job)	-	-	01 Set		
18.	Copper BBT	6300A	-	01 Lot		
19.	Installation, Testing & Hanging commissioning job	-	-	01 Set		

Prepared By

Asst. Manager (Store)

**Foyzal Ahmed**  
Store Officer  
Gazi Auto Tyres  
Rupshi, Rupganj, Narayangonj

**Shamir Chandra Sarker**  
Asst. Manager (Store)  
Gazi Auto Tyres  
Khadun, Rupshi, Narayangonj

Asst. Manager (Admin &amp; IT)

**Nripendra Nath Mondol**  
Asst. Manager (Admin & IT)  
Gazi Auto Tyres  
Khadun, Rupganj, Narayangonj

ED (Production, R&amp;D)

Copy To:

1. Store
2. Purchase