

**Take Over Certificate of 200MVA, 220 / 132 kV Power Transformer at
220/132/33 KV GSS, Sipara (Gaurichak)**

200MVA, 220/132/33 KV Power Transformers (Sr. No.:KT-200000/12) supplied by M/S KANO HAR ELECTRICALS LIMITED at 220/132/33KV GSS Sipara (Gaurichak) vide PO no - 24 & WO no - 25 both dated: 04/02/2019 against NIT- 49 was completed the work successfully and charged on NO LOAD on dated - 26/12/2020 and put ON LOAD on dated - 27/12/2020 along with associated bays.

Presently Transformer is running NORMAL.

Sr. No.	Item Description	Quantity
01	220/132kV,200MVA,3phase Power Transformer ONAN/ONAF with 10% extra oil, all fitting and accessories OIP bushing, RTCC, OLTC for AIS termination having Sr. No.KT-200000/12 and associated bay work.	01(Nos.)

TOC for the above is being given with following punch point:-

1. Stopper anchor bolts of Transformer not installed.
2. Grating and gravel work pending partially.
3. Cable dressing and tagging pending.
4. Site cleaning.
5. HVWS work pending.

Sobraj Choudhury
25/02/21

Handed Over By

M/S KANO HAR ELECTRICAL LTD.

For M/S BSPTCL

Rahul
25/02/21
Junior Electrical Engineer
Transmission Sub-Division, Sipara (Gaurichak)
Gourichak, Patna

[Signature]
25/02/21
EEE/TD, Patna East
Electrical Executive Engineer
Transmission Division, Patna (East)

[Signature]
ESE/TC, Patna East
Electrical Superintending Engineer
Transmission Circle, Patna (East)

Take Over Certificate of 200MVA, 220 /132 Power Transformer at

220/132/33 KV GSS, Khagaul

200MVA, 220/ 132 KV Power Transformer (Sr. No. :KT-200000/06) supplied by M/S KANOVAR ELECTRICALS LIMITED at 220/132/33KV GSS Khagaul vide PO no 24 & WO no 25 both dated 04/02/2019 for NIT-49 was completed all work successfully and charged on NO LOAD on 29/02/2020 and ON LOAD on 30/04/2020 along with associated 220 kv bay & 132 kv bay.

Presently Transformer is running Successfully.

Sr. No.	Item Description	Quantity
01	220/132kv, 200MVA, 3phase Power Transformer ONAN/ONAF with 10% extra oil, all fitting and accessories OIP bushing, RTCC, OLTC for AIS termination having Sr. No. KT-200000/06 and associated 220 kv & 132 kv bay Equipment	01(Nos.)

TOC is being given with following punch point:-

- 1) commissioning of FOS.
- 2) RTU connection in newly commissioned C&R Panel.
- 3) fire wall between 1" 200mva transformer and 100mva T-1 transformer.
- 4) Cover slab of all earth pit.
- 5) Proper dressing of all cable including cable for 220KV, 132kv, equipment like CT, CB; isolator, transformer marshelling box etc and also proper connection of tag .
- 6) Cleaning of work site and removing of unwanted material from work site.

Handed Over By

M/S KANOVAR ELECTRICAL LTD.

[Handwritten signature]
14/05/2020

For M/S BSPTCL

S. Anjan
14/05/2020
AEE/TSD/Assistant Executive Engineer
Transmission Sub-division
Khagaul, Patna

[Handwritten signature]
14/05/2020
Electrical Executive Engineer
Transmission Division, Patna (West)

ESE/TC, Patna west
14/05/2020
Electrical Superintending Eng
Transmission Circle Patna
BSPTCL

**Take Over Certificate of 200MVA, 220 /132 Power Transformer at
220/132 KV GSS, Khagaul**

200MVA, 220/ 132 KV Power Transformer (Sr. No. :KT-200000/07) supplied by M/S KANO HAR ELECTRICALS LIMITED at 220/132/33KV GSS Khagaul vide PO no 24 & WO no 25 both dated 04/02/2019 for NIT-49 was completed all work successfully and charged on NO LOAD on 28/04/2020 and ON LOAD on 30/04/2020 along with associated 220 kv bay & 132 kv bay. Presently Transformer is running Successfully.

Sr. No.	Item Description	Quantity
01	220/132kv, 200MVA, 3phase Power Transformer ONAN/ONAF with 10% extra oil, all fitting and accessories OIP bushing, RTCC, OLTC for AIS termination having Sr. No. KT-200000/07 and associated 220 kv & 132 kv bay Equipment	01 (Nos.)

Doc is being given with following punch point:-

- 1) commissioning of FOS.
- 2) RTU connection in newly commissioned C&R Panel.
- 3) fire wall between 1st 200mva transformer and 100mva T-1 transformer.
- 4) Cover slab of all earth pit.
- 5) Proper dressing of all cable including cable for 220KV, 132kv, equipment like CT, CB, Isolator, transformer marshelling box etc and also proper connection of tag.
- 6) Cleaning of work site and removing of unwanted material from work site.

Handed Over By

M/S KANO HAR ELECTRICAL LTD.

[Handwritten Signature]
14/08/2020

For M/S BSPTCL

[Handwritten Signature]
14/08/2020
AEE/TSD/Khagaul
Electrical Engineering
Transmission Division, Patna (West)
BSPTCL

[Handwritten Signature]
14/08/2020
EEE/TSD/Khagaul
Electrical Engineering
Transmission Division, Patna (West)
BSPTCL

[Handwritten Signature]
14/8/2020

Electrical Supervising Eng
Transmission Circle Patna
BSPTCL

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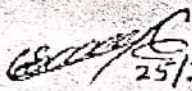
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Take Over Certificate of 200MVA, 220 /132 Power Transformer at
220/132/33 KV GSS, Khagaul

200MVA, 220/ 132 KV Power Transformer (Sr. No. :KT-200000/09) supplied by M/S KANO HAR ELECTRICALS LIMITED at 220/132/33KV GSS Khagaul vide PO no 24 & WO no 25 both dated: 04/02/2019 for NIT-49 was completed the all work successfully and charged on NO LOAD on 13/02/2021 and ON LOAD on 17/02/2021 along with associated 220 kv bay & 132 kv bay . Presently Transformer is running NORMAL.

Sr. No.	Item Description	Quantity
01	220/132kv, 200MVA, 3phase Power Transformer ONAN/ONAF with 10% extra oil, all fitting and accessories OIP bushing, RTCC, OLTC for AIS termination having Sr. No.KT-200000/09 and associated 220 kv & 132 kv bay	01(Nos.)

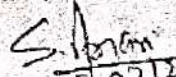
* TOC issued with punch points as attached.


Handed Over By  25/3/21

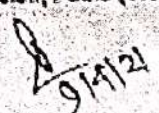
M/S KANO HAR ELECTRICAL LTD.



For M/S BSPTCL


25/03/2021
Assistant Executive Engineer
Transmission Sub-division
Khagaul Range
AEE/TSD/Khagaul


31/10/21
EEE/TD, Patna West
Electrical Executive Engineer
Transmission Division, Patna (West)


9/4/21
ESE/TC, Patna west
Electrical Superintending Eng...
Transmission Circle, Patna (West)

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Take Over Certificate of 200MVA, 220 /132 Power Transformer at
220/132/33 KV GSS, Khagaul

200MVA, 220/ 132 KV Power Transformer (Sr. No. :KT-200000/08) supplied by M/S KANO HAR ELECTRICALS LIMITED at 220/132/33KV GSS Khagaul vide PO no 24 & WO no 25 both dated 08/03/2019 for NIT-49. All work completed successfully and charged on NO LOAD on 14/08/2021 and ON LOAD on 18/08/2021 along with associated 220 kv bay & 132 kv bay.

Presently Transformer is running NORMAL.

Sr. No.	Item Description	Quantity
01	220/132kv,200MVA,3phase Power Transformer ONAN/ONAF with 10% extra oil, all fitting and accessories OIP bushing, RTCC, OLTC for AIS termination having Sr. No.KT-200000/08 and associated 220 kv & 132 kv bay	01(Nos.)

TOC is being given with following punch points:

- 1)Replacement of all corroded relay of 200 MVA tr-2 C&R panel
- 2)Replacement of LV digital ammeter.
- 3)Replacement of solenoid valve of hydrant system (HVWS)for 200 MVA TR-2
- 4)Providing ladder /platform in 220kv CB of 200 MVA TR-2
- 5)Shifting/erection of 132kv B phase new CT foundation of 200MVA TR-2 should be done.
- 6)FOS connection should be done in 200mva tr and its RTCC panel.

Handed Over By

M/S KANO HAR ELECTRICAL LTD.



BSPTCL

BSPTCL Khagaul

18/08/21

Page No. 17
Electrical Engineer
Transmission Circle Khagaul

BSPTCL
Electrical Engineer
Transmission Circle Khagaul

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Take Over Certificate of 200MVA, 220 /132 kV Power Transformer at

220/132/33 KV GSS, Sipara (Gaurichak)

200MVA, 220/ 132 KV Power Transformer (Sr. No.:- KT-200000/10) supplied by M/S KANO HAR ELECTRICALS LIMITED at 220/132/33KV GSS Sipara vide PO no 24 & WO no 25 both dated: 04/02/2019 against NIT no. - 49 was completed the all work successfully and charged on NO LOAD on 25/01/2021 and put ON LOAD on dated - 27/01/2021 along with associated bays work.

Presently Transformer is running NORMAL.

Sr. No.	Item Description	Quantity
01	220/132kv, 200MVA, 3phase Power Transformer ONAN/ONAF with 10% extra oil, all fitting and accessories OIP bushing, RTCC, OLTC for AIS termination having Sr. No.KT-200000/10 and associated bays work	01(Nos.)

TOC for the above is being given with following punch point:-

1. Stopper anchor bolts of Transformer not installed.
2. Grating and gravel work pending.
3. Cable dressing and tagging pending.
4. HVWS solenoid valve not installed.
5. HVWS main pipe support not properly installed.
6. PCC besides pit wall area and collected gravel spreading remaining.
7. FOS temperature not showing at RTCC panels.
8. Site cleaning.

Debraj Choudhury
25/01/21
Handed Over By
M/S KANO HAR ELECTRICAL LTD.

For M/S BSPTCL
[Signature]
25/01/21
Junior Electrical Engineer
Transmission Sub. 220/Sipara (Gaurichak - Patna)
Gourichak - Patna

[Signature]
25/01/21
EEE/TD, Patna East

Electrical Executive Engineer
Transmission Division, Patna (East)

ESE/TC, Patna East

[Signature]
Electrical Superintending Engineer
Transmission Circle, Patna (East)

**Take Over Certificate of 200MVA, 220 /132 kV Power Transformer at
220/132/33 KV GSS, Sipara (Gaurichak)**

200MVA, 220/132/33 KV Power Transformers (Sr. No.:KT-200000/11) supplied by M/S KANO HAR ELECTRICALS LIMITED at 220/132/33KV GSS Sipara (Gaurichak) vide PO no - 24 & WO no - 25 both dated: 04/02/2019 against MIT- 49 was completed the work successfully and charged on NO LOAD on dated - 13/03/2021 at 17:00 hours and put ON LOAD on dated - 15/03/2021 at 18:30 hours along with associated bays.

Presently Transformer is running NORMAL.

Sr. No.	Item Description	Quantity
01	220/132kV,200MVA,3phase Power Transformer ONAN/ONAF with 10% extra oil, all fitting and accessories OIP, bushing, RTCC, OLTC for AIS termination having Sr. No.KT-200000/11 and associated bay work.	01(Nos.)

TOC for the above is being given with following punch point:-

1. HVMS system not commissioned.
2. Grating and gravel work pending.
3. Cable dressing and tagging pending.
4. PCC besides pit wall area and collected gravel spreading work remaining.
5. 2 nos. cooling fan not installed.
6. 15 nos. spare oil drum not provided.
7. Clamp connectors not provided as per approved drawing.
8. Site cleaning.

Handed Over By

Sebraj choudhary
23/3/21

M/S KANO HAR ELECTRICAL LTD.



For M/S BSPTCL

Raj
कनीय विद्युत अभियन्ता
संचरण अवर प्रमण्डल
गौरिचक, पटना

AEE/TSD/ Sipara (Gaurichak)

23/03/21
Electrical, Patna (East)
Transmission Division, Patna (East)

Di
ESE/TC, Patna (East)
Electrical Superintending Engineer
Transmission Circle, Patna (East)

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