



NORTH BIHAR POWER DISTRIBUTION CO. LTD.

[Office of Chief Engineer, Project-I/Urban]
(Regd. Office: Vidyut Bhawan, Bailey Road, Patna)

CIN No: U40109BR2012SGC018920

Letter No: 968

[File No:-N-XIII/RDSS/VA/Motihari Circle-3097/2023-

Dated: 08-08-23

E-mail: cerdssnbpdc@gmail.com

From,

Shriram Singh
Chief Engineer, Project-I (Urban)

To,

M/s Vindhya Telelinks Limited
Club 125, 6th floor, Tower A, Plot No- 3, 4 & 5,
Sector 125, Noida, UP-201301
Email: ashish@vtlrewa.com / s.shah@vtlrewa.com / epc@vtlrewa.com

Sub:- Regarding GTP & Drawing of 1-Ph & 3-Ph SMDB Insulator of make M/s Innitor Power Solution Pvt. Ltd., Kolkata for Loss Reduction Component works under "Revamped Reforms-Based and Results-Linked Distribution Sector Scheme."

**Ref:- (i) NOA No.-246 & 247 dated 06.03.2023
(ii) Your letter no.- VTL/NBPDCL/RDSS/Approval/Motihari/48 dated 27.07.2023**

Sir,

With reference to the above, please find the copy of GTP & Drawing of following item for Loss Reduction Component works under "Revamped Reforms-Based and Results-Linked Distribution Sector Scheme":-

S.N.	Material Description	Vendor Name
1	1-Phase SMDB	M/s Innitor Power Solution Pvt. Ltd., 118/22 Kapashia, P.O.-
2	3-Phase SMDB	Taldharia-Kapashia, P.S.-Duttapukur, North 24 Pgs, Kolkata-700130

Correction where required in GTP & Drawing submitted by you has been done. However, these GTP & Drawing shall be subject to correctness as per technical specifications of the tender document and the entire responsibility of correctness of the GTP & Drawing as per the specifications as well as supply of material according to the technical specifications of the contract agreement shall be that of the contractor.

In case of any conflict or contradiction between GTP & Drawing, the decision of Chief Engineer, Project-I (Urban) shall be final and binding on both parties. Contractor shall have to replace the material to the entire satisfaction of the purchaser in case the material is found unsuitable for use in the project, at any stage.

Please carry out the works immediately under the conditions stated above.

Encl:- As above

Yours faithfully

(Shriram Singh)

Chief Engineer, Project-I (Urban)

Memo No.- 968

Dated- 08-08-23

Copy forwarded M/s Ashoka Buildcon Ltd., Nashik/ M/s Polycab India Ltd., Mumbai /M/s NCC Ltd., Hyderabad- 500081 for information and necessary action.

Encl:-As above

(Shriram Singh)

Chief Engineer, Project-I (Urban)

Memo No.- 968

Date- 08-08-23

Copy forwarded to Chief Engineer, Project-II, NBPDCL for information and necessary action.

Encl:-As above

(Shriram Singh)

Chief Engineer, Project-I (Urban)

M/s Vindhya Telelinks Limited	
Club 125, 6 th Floor, Tower A, Plot no. – 3, 4 & 5, Sector -125, Noida, UP-	
PROJECT	Development of Distribution Infrastructure at Saharsa Electric Supply Circle of Bihar under the Revamped Reforms-based and Results-linked, Distribution Sector Scheme.
OWNER	North Bihar Power Distribution Company Limited Vidyut Bhawan, Bailey Road, Patna-21
NOA NO.	NOA No. – 17 & 18 dated 06.03.2023
MANUFACTURER	M/s. Innitor Power Solutions Pvt. Ltd.

GUARANTED TECHNICAL PARTICULARS OF SINGLE PHASE SERVICE MAIN DISTRIBUTION BOX

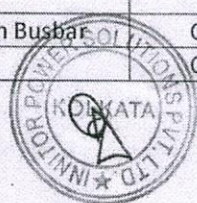
SL. NO.	PARTICULARS	SPECIFIED	OFFER
01)	Name of manufacturer		Innitor Power Solutions Pvt. Ltd.
02)	Items Description	Distribution Box suitable for Single Phase AB cable	Confirmed ✓
03)	Manufacturing process	Deep Drawn (without any welding joint)	Confirmed ✓
04)	System Description		
a.	Rated voltage	230 Volts AC	Confirmed ✓
b.	No. Of Phase	1 Nos.	Confirmed ✓
c.	No. Of Neutral	1 Nos.	Confirmed ✓
d.	Frequency	50HZ	Confirmed ✓
05)	Enclosure		
a.	Indoor/Outdoor type	Outdoor type	Confirmed ✓
b.	Accessibility	Front Access	Confirmed ✓
c.	Cable Entry/Outgoing	Bottom	Confirmed ✓
d.	Enclosure Protection	Ip-54 type tested	Confirmed ✓
e.	Inside Dimension(WxHxD)	225x285x120MM.	Confirmed ✓
f.	Enclosure Thickness	20 SWG. Confirmed with powder coating	Confirmed ✓
g.	Hinges	2 nos.	Confirmed ✓
h.	Door Lock	U-Latch (1 No)	Confirmed ✓
i.	Process	Pre-treated/ Phosphated in 7 Tank	Confirmed ✓
	Powder Coating Shade	Light Admiralty Grey (Colour no.- 697)	Confirmed ✓
06)	BUSBAR		
a.	Material	EC Grade Aluminium Busbar	Confirmed
b.	Rating	200 A	Confirmed

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APPROVED

Subject to the condition that you are not absolved to the responsibility of correctness of materials

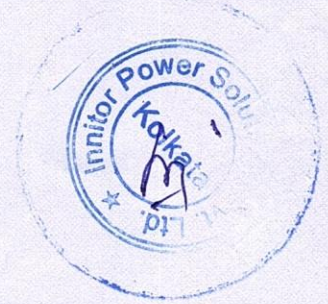
CE (Project-1), Urban



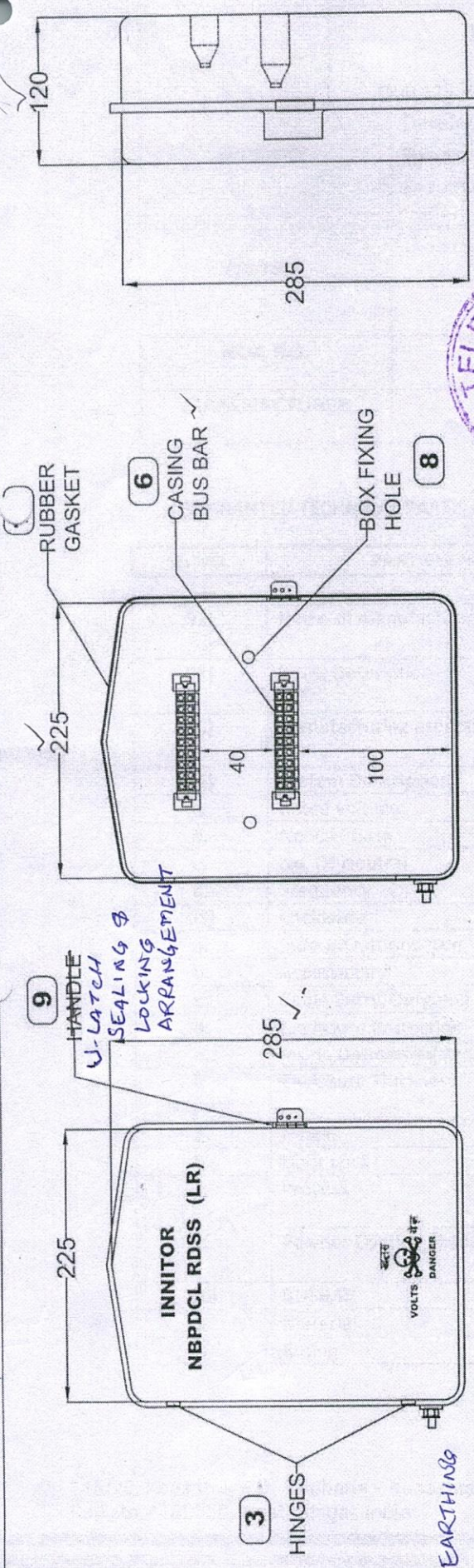
c.	Quantity	Phase-1No. & Neutral-1 No.	Confirmed ✓
d.	No. of insulated busbar	2 nos 1 phase busbar in red colour & neutral busbar in black colour.	Confirmed ✓
e.	Size of insulated busbar	24 X 17 mm (Aluminium busbar for phase & neutral)	Confirmed ✓
f.	Construction of multiple outgoing connector	No current carrying part accessible by hand/finger after fixing the cable.	Confirmed ✓
g.	Fixing of cable in insulated busbar	Each outgoing cable inserted inside the insulated busbar for fixed with 2 nos. M8 screw/stud and incoming cable inserted inside the insulated busbar & fixed with 2 nos. M8 screw/stud.	Confirmed ✓
07)	Gap between lower wall & neutral mounted inside the distribution box	100 mm	Confirmed ✓
08)	Clearance between phase & neutral	40 mm (minimum)	Confirmed ✓
09)	Incoming cable hole	1 no. with rubber grommet 30mm	Confirmed ✓
10)	Outgoing cable hole	8 nos. with rubber grommet 15mm	Confirmed ✓
11)	Locking Arrangement	1 no. hole of 8 mm provided in U latch arrangement for padlock	Confirmed ✓
12)	Sealing arrangement	U latch arrangement on door with 2.5 mm hole for sealing wire.	Confirmed ✓
13)	Fixing of U latch	By stainless rivet.	Confirmed ✓
14)	Earthing Bolt		
a.	Earthing Bolt	M6 screw provided in the earth strip welded to the box.	Confirmed ✓
b.	Quantity	1Nos.	Confirmed ✓
15)	Mounting of Box	Pole Mounted, suitable wire, pole clamp will be provided with nut & washers.	Confirmed ✓
16)	Marking	Manufacturer name, Scheme name (RDSS LR), Utility name & Danger marking in red colour (all embossed).	Confirmed ✓
17)	Tolerance	±3%	Confirmed ✓
18)	Packing	3 ply corrugated box	Confirmed ✓

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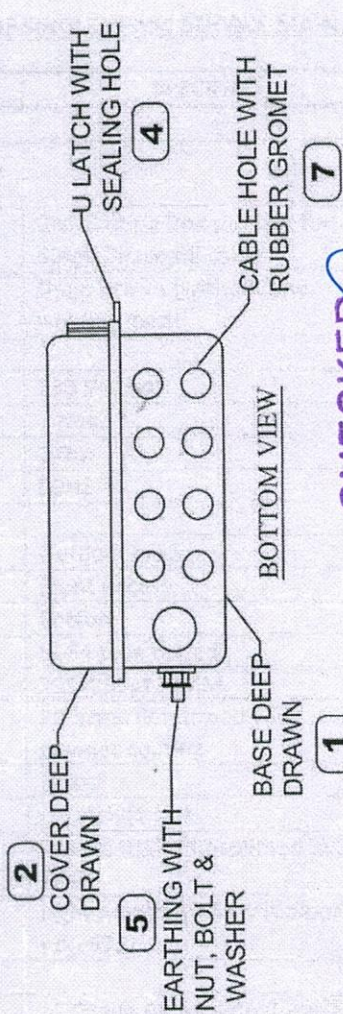
📍 118/22, Kapashia, P.O. Taldharia - Kapashia 📞 +91 93300 24252 ✉ info@innitorpower.com
 Kolkata - 700130, West Bengal, India



FRONT VIEW WITH DOOR

FRONT VIEW WITHOUT DOOR CLOSED

SIDE VIEW



BOTTOM VIEW



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responsibility of the business

M/S VINDHYA TELELINKS LIMITED
CLUB 125, 6TH FLOOR, TOWER 1, SAHARA SQUARE, SAHARA EAST, NEW DELHI-110029

PROJECT: DEVELOPMENT OF DISTRIBUTION BOX AT SAHARA ELECTRIC SUPPLY CIRCLE OF BIHAR UNDER THE REVAMPED REFORMS- BASED AND RESULTS- LINKED, DISTRIBUTION SECTOR SCHEME.

OWNER: NORTH BIHAR POWER DISTRIBUTION COMPANY LIMITED, VIDYUT BIHAR SAMITI (KOLKATA), URUBA

NOA NO.: NOA NO. - 17 & 18 DATED 08/08/2023

MANUFACTURER: M/S. INNITOR POWER SOLUTIONS PVT. LTD.

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INNITOR POWER SOLUTIONS PVT. LTD.
118 / 22 KAPASHIA, P.O. - TALDHARIA, KAPASHIA, P.S. - DUTTAPUKUR, KOLKATA - 700130, WEST BENGAL.

TITLE: DEEP DRAWN TYPE I- PHASE DISTRIBUTION BOX FOR AB CABLE

DRG. NO.: IPS/RDSS/SMDB/23-24/141 **REV. NO.:** 01

DRG. BY: A. CHAKRABORTY **APPROVED BY:** T. B

SCALE: NTS **DATE:** 01.08.2023 **MATERIAL:** SMC

ALL DIMENSION ARE IN MM. TOLERANCE: ± 3%

BILL OF MATERIALS

SL.NO.	DESCRIPTION	QUANTITY	SL.NO.	DESCRIPTION	QUANTITY
1.	BASE DEEP DRAWN	01 NOS.	6.	CASING BUS BAR	02 NOS.
2.	COVER DEEP DRAWN	01 NOS.	7.	CABLE HOLE WITH GROMMET	09 NOS.
3.	HINGES	02 NOS.	8.	BOX FIXING HOLE	02 NOS.
4.	'U' LATCH WITH SEALING HOLE	01 NOS.	9.	HANDLE	01 NOS.
5.	EARTHING NUT BOLT WITH WASHER	01 NOS.	10.	RUBBER GASKET	01 NOS.

ALL DIMENSION IN MM.
TOLERANCE IN SIZE / THICKNESS ± 3%.



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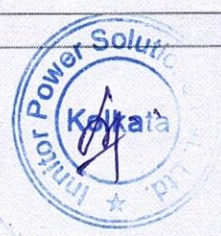
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j.	Fixing of U latch	By stainless rivet.	Confirmed ✓
k.	Process	Pre-treated/ Phosphated in 7 Tank	Confirmed ✓
l.	Powder Coating Shade	Light Admiralty Grey (Colour no.- 697)	Confirmed ✓
06)	BUSBAR		
a.	Material	EC Grade Aluminium Busbar	Confirmed ✓
b.	Rating	200 A	Confirmed ✓
c.	Quantity	Phase-3Nos. & Neutral-1 No.	Confirmed ✓
d.	No. of insulated busbar	4 nos. (3 nos.phase busbar in red-yellow-blue colour & neutral busbar in black colour).	Confirmed ✓
e.	Size of insulated busbar	24 X 17 mm (Aluminium busbar for phase & neutral)	Confirmed ✓
f.	Mounting of each busbar	Inside the fire resistant casing	Confirmed ✓
g.	Construction of multiple outgoing connector	No current carrying part accessible by hand/finger after fixing the cable.	Confirmed ✓
h.	Fixing of cable in insulated busbar	Each outgoing cable inserted inside the insulated busbar for fixed with 2 nos. M8 screw/stud and incoming cable inserted inside the insulated busbar & fixed with 2 nos. M8 screw/stud.	Confirmed ✓
07)	Gap between lower wall & neutral mounted inside the distribution box	100 mm	Confirmed ✓
08)	Clearance between phase & neutral	40 mm (minimum)	Confirmed ✓
09)	Incoming cable hole	4 nos. with rubber grommet 20mm	Confirmed ✓
10)	Outgoing cable hole	8 nos. with rubber grommet 20 mm	Confirmed ✓
11)	Earthing Bolt		
a.	Earthing Bolt	M6 screw provided in the earth strip welded to the box.	Confirmed ✓
b.	Quantity	1Nos.	Confirmed ✓
12)	Mounting of Box	Pole Mounted, suitable wire, pole clamp will be provided with nut & washers.	Confirmed ✓
13)	Marking	Manufacturer name, Scheme name (RDSS LR), Utility name & Danger marking in red colour (all embossed).	Confirmed ✓
14)	Tolerance	±3%	Confirmed ✓
15)	Packing	3 ply corrugated box	Confirmed ✓

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CE (Project-1), Urban NBPDC



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M/s Vindhya Telelinks Limited	
Club 125, 6 th Floor, Tower A, Plot no. – 3, 4 & 5, Sector -125, Noida, UP-	
PROJECT	Development of Distribution Infrastructure at Saharsa Electric Supply Circle of Bihar under the Revamped Reforms-based and Results-linked, Distribution Sector Scheme.
OWNER	North Bihar Power Distribution Company Limited Vidyut Bhawan, Bailey Road, Patna-21
NOA NO.	NOA No. – 17 & 18 dated 06.03.2023
MANUFACTURER	M/s. Innitor Power Solutions Pvt. Ltd.

GUARANTEED TECHNICAL PARTICULARS OF THREE PHASE SERVICE MAIN DISTRIBUTION BOX

SL. NO.	PARTICULARS	SPECIFIED	OFFER
01)	Name of manufacturer		Innitor Power Solutions Pvt. Ltd. ✓
02)	Item Description	Distribution Box suitable for Three Phase AB cable	Confirmed ✓
03)	Manufacturing process	Deep Drawn (without any welding joint)	Confirmed ✓
04)	System Description		
a.	Rated voltage	415 Volts AC	Confirmed ✓
b.	No. Of Phase	3 Nos.	Confirmed ✓
c.	No. Of Neutral	1 Nos.	Confirmed ✓
d.	Frequency	50HZ	Confirmed ✓
05)	Enclosure		
a.	Indoor/Outdoor type	Outdoor type	Confirmed ✓
b.	Accessibility	Front Access	Confirmed ✓
c.	Cable Entry/Outgoing	Bottom	Confirmed ✓
d.	Enclosure Protection	IP-54 type tested	Confirmed ✓
e.	Inside Dimension(WxHxD)	418x300x120MM.	Confirmed ✓
f.	Enclosure Thickness	20 SWG. MS sheet Confirmed with powder coating	Confirmed ✓
g.	Hinges	2 nos.	Confirmed ✓
h.	Locking Arrangement	1 no. hole of 8 mm provided in U latch arrangement for padlock	Confirmed ✓
i.	Sealing arrangement	U latch arrangement on door with 2.5 mm hole for sealing wire.	Confirmed ✓

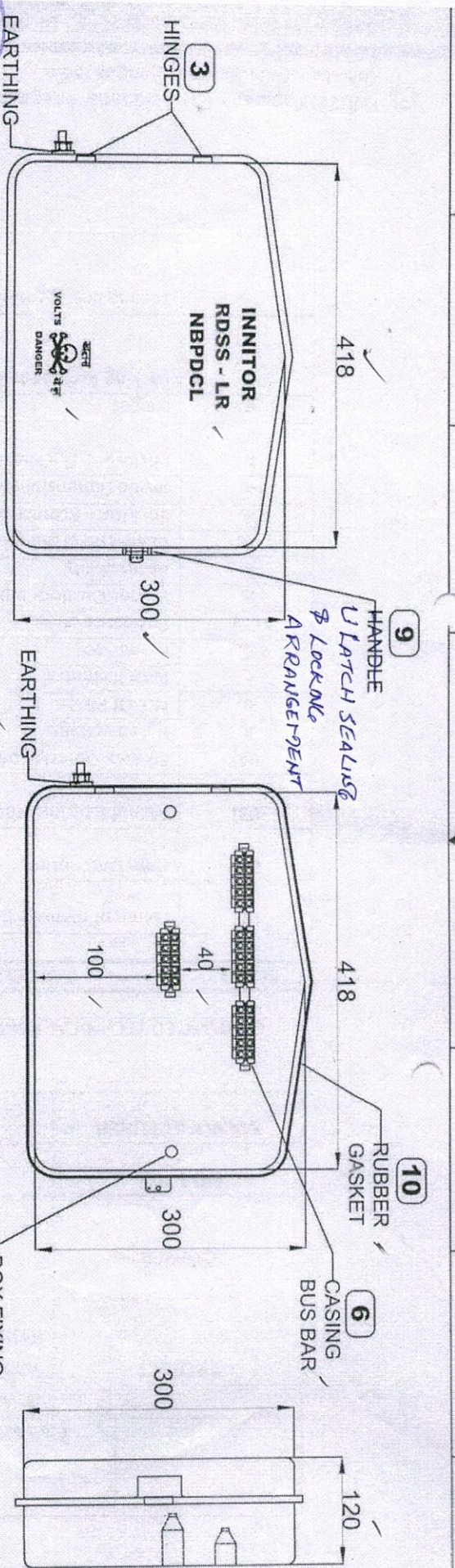
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CE (Project 1), Jrbah
 NBPDC



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FRONT VIEW WITH DOOR

FRONT VIEW WITHOUT DOOR CLOSED

SIDE VIEW

ALL DIMENSION IN MM.
TOLERANCE IN SIZE / THICKNESS $\pm 3\%$

BILL OF MATERIALS

SL.NO.	DESCRIPTION	QUANTITY	SL.NO.	DESCRIPTION	QUANTITY
1.	BASE DEEP DRAWN	01 NOS. /	6.	CASING BUS BAR	4 NOS. /
2.	COVER DEEP DRAWN	01 NOS. /	7.	CABLE HOLE WITH GROMMET	12 NOS. /
3.	HINGES	02 NOS. /	8.	BOX FIXING HOLE	02 NOS. /
4.	U' LATCH WITH SEALING HOLE	01 NOS. /	9.	HANDLE	01 NOS. /
5.	EARTHING NUT BOLT WITH WASHER	01 NOS. /	10.	RUBBER GASKET	01 NOS. /



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M/S VINDHYA TEELINKS LTD.
CLUB 125, 6TH FLOOR, TOWER A, PLOT NO. - 02, BRIDGE ROAD, BANGALORE, INDIA, UP - 201301

DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT SAHARSA ELECTRIC PROJECT, SUPPLY CIRCLE OF BIHAR UNDER THE NEEM AND REFORMS, BASED AND RESULTS - LINKED, DR. (Project) Urban

OWNER: NORTH BIHAR POWER DISTRIBUTION COMPANY LIMITED
VIJAYT BHAWAN, BALLEI ROAD, NBPDCL

NOA NO.: NOA NO. - 17 & 18 DATED 06.03.2023

MANUFACTURER: M/S. INNITOR POWER SOLUTIONS PVT. LTD.

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INNITOR POWER SOLUTIONS PVT. LTD.
118 / 22 KAPASHIA, P.O. - TALDHARIA, KAPASHIA, P.S. - DUTTAPURUR, KOLKATA - 700130, WEST BENGAL.

TITLE: DEEP DRAWN TYPE 3- PHASE DISTRIBUTION BOX FOR AB CABLE

DRG. NO.: IPS/RDSS/SMDB/23-24/140 REV. NO.: 01

DRG. BY: A. CHAKRABORTY APPROVED BY: T. B

SCALE: NTS DATE: 01.08.2023 MATERIAL: SMC

ALL DIMENSION ARE IN MM. TOLERANCE: $\pm 3\%$