



NORTH BIHAR POWER DISTRIBUTION CO. LTD.
[Office of Chief Engineer, Project-II]
(Regd. Office: Vidyut Bhawan, Bailey Road, Patna)
CIN No: U40109BR2012SGC018920

Letter No: 160

[File No: NB/P-II/RDSS]GTP/Drawing/Darbhanga-20/2023]

Dated: 14/06/2023

Contact No: +91-9264437179

E-mail: cerdssnbpdc12@gmail.com

From,

Pranav Kumar
Chief Engineer (Project-II)

To,

M/s JSP Projects Limited.
Flat No.-5 2nd Floor, 3rd B-2,
Neharu Nagar, Ghaziabad (UP)- 201001
Email: contract@jspprojects.com, jkc1981@gmail.com, pathak.m1971@gmail.com

Sub: - Approval of GTP & Drawings of 9Mtr. 300Kg PSC Pole against NIT No: 31/PR/NBPDCL/2022 for Darbhanga Circle.

- Ref:**
1. This Office NOA No: 15 & 16 dated 06.03.2023.
 2. Your Letter No- JSP/PAT/24 dated- 29.05.2023
 3. Vendor Approval vide CE (Project-II) letter no. 117 Dated 25.05.2023 .

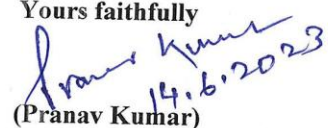
With reference to the subject noted above, please find enclosed herewith the GTP & drawing of **9Mtr. 300Kg PSC Pole** for Development of Distribution Infrastructure against NIT No: 31/PR/NBPDCL/2022 for Darbhanga Circle under Revamped Reforms-Based And Results-Linked, Distribution Sector Scheme.

Sl. No.	Name of Item	Vendor Name
1	9Mtr. 300Kg PSC Pole	M/s Gandhar Concrete Pole,(Unit-II) at Muzaffarpur Darbhanga Highway, Near Methi toll Plaza, Gaighat, Muzaffarpur-843118

The Correction wherever required in GTP/ Drawing submitted by the manufacturer has been done. However, these Drawings shall be subject to correctness as per technical specifications of the tender document and the entire responsibility of the correctness of the drawing as per the specifications as well as supply of material according to the technical specifications of the contract agreement shall be responsibility of the contractor.

In case of any conflict or contradiction between GTP / Drawings & Technical Specifications, the decision of C.E. (Project-II) shall be final and binding on both the parties. Contractor shall have to replace the material to the entire satisfaction of the owner in case the material is found unsuitable for use in the project, at any stage
Please carry out the works immediately under conditions stated above.

Encl.:- As above.

Yours faithfully

(Pranav Kumar)
14.6.2023
Chief Engineer (Project-II)

Memo no. 160...../

dated 14/06/2023...../

Copy forwarded M/s NCC Limited, Hyderabad/ M/s Vindhya Telelinks Ltd., Delhi / M/s Polycab Limited, Mumbai / M/s Ashoka Buildcon Limited, Nashik/ M/s Cabcon Limited, Kolkata/ M/s Techno Power Enterprises Private Limited, Kolkata/ M/s Vaishno Associates Vidyut Projects LLP, Jaipur for information.

Pranav Kumar
14.6.2023

(Pranav Kumar)

Chief Engineer (Project-II)

Memo No. 160...../

dated 14/06/2023...../

Copy forwarded to Director (Projects)/ OSD to MD, NBPDC, Patna for kind information .

Pranav Kumar
14.6.2023

(Pranav Kumar)

Chief Engineer (Project-II)

113

CLIENT	NORTH BIHAR POWER DISTRIBUTION CO. LTD (NBPDC) ✓
PROJECT	"Revamped Reforms-based and Results-linked, Distribution Sector Scheme" ✓ under Circle Darbhanga .
LOI NO.	Supply Contract - NOA No.15 dated 06.03.2023 ✓
	Erection Contract - NOA No.16 dated 06.03.2023 ✓
Contractor	JSP Projects Pvt Limited, Ghaziabad , Uttar Pradesh ✓

GUARANTEED TECHNICAL PARTICULARS of 9 Mtr. 300 KG PSC Pole

Sl. No.	Description	Unit	Details
1.	Name of the Manufacture & Address		Gandhar Concrete Pole (Unit-II), Muzaffarpur Darbhanga Highway Nr Methi toll plaza, Village Methi, Post Methi Thana Gaighat, Dist Muzaffarpur -843118
2.	Type of Pole		Pre Stress Concrete ✓
3.	Factor of Safety		2.5 ✓
4.	Overall Length of Pole (Meter)	MTR	9 ✓
5.	Working Load	Kg	300 ✓
6.	Point of Application of Load		600 mm below from top ✓
7.	Depth of plantation	Mm	1500 ✓
8.	Overall Dimensions		
i)	Bottom Depth	mm	355 ✓
ii)	Top Depth	mm	185 ✓
	Breadth	mm	100 ✓
9.	Reinforcement Details		
i)	Diameter of Pre Stressing Wire	mm	4 ✓
ii)	No of Tensioned Wires	Nos	20 ✓
iii)	No of Untensioned Wire	Nos	0 ✓
iv)	Length of each pre stressing wire	Mtr	9 ✓
v)	Ultimate Tensile Strength	Kg/cm ²	17500 ✓
vi)	Steel Quantity	Kg/pole	22 ✓
vii)	Length of Earth Wire	Mtr	7.8 ✓

CHECKED

[Signature]
AEE(P-II) EEE(P-II) ESE(P-II)

APPROVED

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

[Signature]
14.6.2023
Chief Engineer (Project-II)
NBPDC



10	Concrete Detail		
i)	Cement Type		Ordinary Portland Cement ✓
ii)	Grade		43 Grade
iii)	Type		M420 M40
iv)	Concrete mix strength	Kg/cm2	210 kg/cm2 at time of transfer of prestress(min) ✓
		Kg/cm2	420kg/cm2 at age of 28days (min) ✓
v)	Concrete Quantity	Cubic meter/po	0.243 m3 ✓
vi)	Concrete covering to wires	Mm	20 ✓
11	GI earthing wire	SWG	6 ✓
12	Weight of PSC Pole	Kg	607 ✓
13	GI Earth Wire with top & bottom 200mm(min) projection outside.		250mm (from Top) 1300 1350 (from bottom)
14	18mm Holes at a distance from Top		100, 200, 1000 mm ✓
15	Engraving Requirement		NBPDCL NBPDCL, Maker's Sr No, Manufacturer's Name, Month/ Year of Manufacture. <i>Developed under RDSS</i>
16	Standard confirming to		
	Pole		IS :1678/2000 ✓
	Cement		IS : 8041 ✓ E-1978
	Aggregates		IS: 383/1970 ✓
	Pre stressing wire		IS : 6003/1983 ✓
	Concrete Mix		IS : 456/2000 ✓
17	Tolerance Dimensions		a) +5mm ^{+15mm} on overall length of pole
			+5 mm on sectional dimension ✓
			0.5% on the uprightness of pole ✓

Note:- Top 03 feet of pole to be painted with IS 5 -Shade 541 in all four faces of poles.



Rahul

CHECKED
[Signature]
 AEE(P-II) EEE(P-II) ESE(P-II)



APPROVED
 Subject to the condition that you are not absolved of the responsibility of correctness of materials
[Signature]
 14.6.2022
 Chief Engineer (Project-II)
 NBPDCL

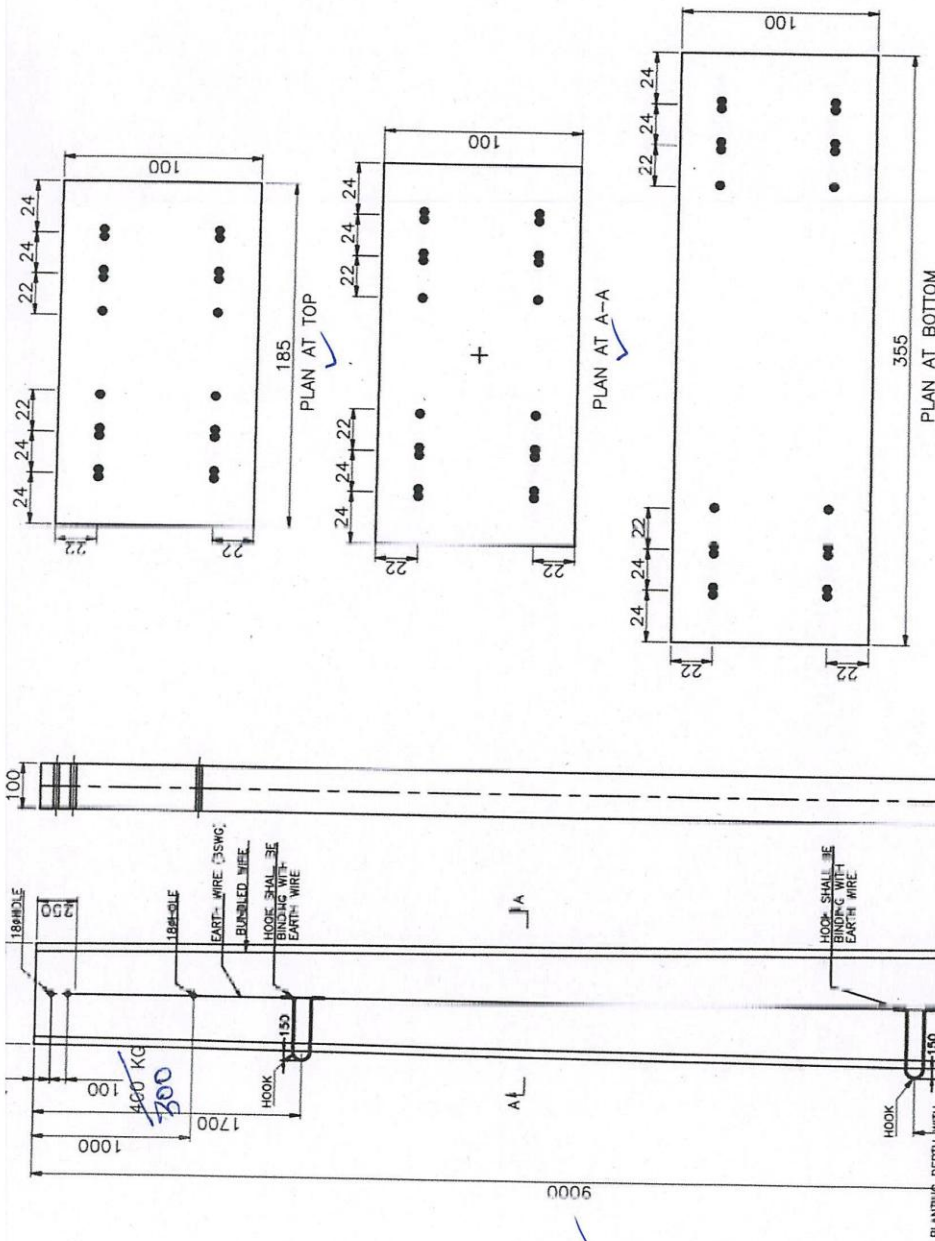
NO	NO OF TENSIONED WIRES (4mm)	20 Nos.
3	CONCRETE GRADE	M-40
4	OVERALL LENGTH SUPPORT	9.0MTR
5	PLANTING DEPTH	1500MM
6	DIA OF PRESTRESSING WIRE - 14mm	14MM
7	CLEAR COVER	22MM
8	FACTOR OF SAFETY	2.5
9	WORKING LOAD	30C Kgp
10	ULTIMATE TENSILE STRENGTH OF PRESTRESSING WIRE	17500KG/CM ²
11	G.I. Earth wire 6 SWG	1No.

LEGEND:

- DENOTES TENSIONED WIRES
- + DENOTES POSSIBLE POSITION OF EARTH WIRE

NOTES:

- 1) ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- 2) POLE WITH ANY TWO EDGES ROUNDED SHALL ALSO BE ACCEPTABLE.
- 3) TOLERANCE FOR UPRIGHTNESS SHALL BE 0.5%



CHECKED

APPEP-II EEE(P-II) ESE(P-II)

APPROVED

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

14.6.2023

Chief Engineer (Project-II)

NBPDCCL



CLIENT	NORTH BIHAR POWER DISTRIBUTION CO. (NBPDCCL)
PROJECT	"Revamped Reforms-based and Results-linked, Distribution Sector Scheme" under Circle Darbhanga
LOI NO.	Supply Contract - NOA/No. 15 dated 06.03.2023
Contractor	Erection Contract - ICA, No 16 dated 06.03.2023
REMARKS	JSP Projects Pvt Ltd, Gaziabad, Uttar Pradesh

REV. NO.	DATE	FOR APPROVAL	DESCRIPTION	MURALI DRAWN	CHKD.	CHECKED BY	DATE	REMARKS
R0	30.09.22							

Table: GFA of 1300kg psc pole (100mm wide pole)