



North Bihar Power Distribution Company Limited

Regd. Office-Vidyut Bhawan, Bailey Road, Patna.

CIN No:U40109BR2012SGC018920

(Department of Project II)

Letter No- 230 /

NB/P-II/Kishan/RDSS/ Vaishno Associates/0/2023

dated 30/06/2023 /

Contact No – 09264437179

Email – cerdssnbpdc12@gmail.com

From,

Pranav Kumar
Chief Engineer (Project-II)

To,

M/s Vaishno Associates Vidyut Projects I.I.P,
H.O-14-15, 3rd Floor, Gajraj Tower,
Motilal Atal Road, Jaipur-302001,

Email – vaishno-elect@rediffmail.com, rohitkr.elect@gmail.com, vaishno.rdsskishanganj@gmail.com

Sub: - Regarding approval of GTP & Drawing of 8 Mtr. 200 Kg PSC Pole & 9 Mtr. 300 Kg PSC Pole against NIT No.-35/PR/NBPDCL/2022 for Kishanganj Circle.

Ref :- 1) NIT No.-35/PR/NBPDCL/2022
2) NOA No.-23 & 24 dated 06.03.2023
3) Your Lt. No.- VAVP/NBPDCL/RDSS/KISH/2023-24/57 dated 28-06.2023

Sir

With reference to the subject noted above, please find enclosed herewith the GTP & drawing of 8 Mtr. 200 Kg PSC Pole & 9 Mtr. 300 Kg PSC Pole for Development of Distribution Infrastructure against NIT No.-35/PR/NBPDCL/2022 for Kishanganj Circle under Revamped Reforms-Based And Results-Linked, Distribution Sector scheme.

Sl. No.	Name of Firm and address	Name of Material/Equipment
1.	M/s Vaishno Concrete Corporate Office:26, Kalidad Marg, Brahmpuri, Jaipur-302002 Work Address: Khata No.-17, Plot No.-30, Mouza Sultanpur, Than No.-29, PO-Chakia, PS & Distt.- Kishanganj, Bihar-855107	a) 8 Mtr. 200 Kg PSC Pole b) 9 Mtr. 300 Kg PSC Pole

The Correction wherever required in GTP/Drawing submitted by the manufacturer has been done. However, these drawing 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 specification as well as supply of material according to the technical specification of the contract agreement shall be responsibility of the contractor.

In case of any conflict or contradiction between GTP/ Drawings & Technical Specification, 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.

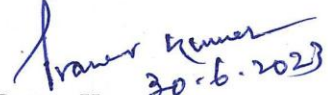
Encl:- As above.

Your faithfully
Pranav Kumar
(Pranav Kumar) 30.6.2023
Chief Engineer (Project-II)

Memo no 230-----/

dated 30/06/2023

Copy forwarded M/s Vindhya Telelinks Limited, Club 125, 6th Floor, Tower A, Plot No- 3, 4 & 5, Sector 125, Noida, UP-201301/ M/s Ashoka Buildcon Ltd., S.No.-861, Ashoka House, Ashoka Marg, Vadala, Nashik-422011/M/s Polycab India Ltd., Polycab House, 771, Paudit Satwalekar Marg, Mumbai / M/s NCC Ltd., NCC House, Survey no. 64, Madhapur, Hyderabad, 500081 / M/s JSP Projects Pvt. Ltd., Flat No. 5, IInd Floor, IIIrd B-2, Nehru Nagar, Ghaziabad (UP)-201001 /M/s CABCON India Ltd., 1st Floor, The Terminus Building, BG-12, Action Area- 1 B, New Town, Kolkata-700156 / M/s Techno Power Enterprises Pvt., INFINITY "THINK TANK" Tower II, 10th Floor Plot No. A3, Block GP, Sector V, Salt Lake City, Kolkata-700091 (WB) for information and necessary action.


(Pranav Kumar)

Chief Engineer (Project-II)

dated 30/06/2023-----/

Memo no 230-----/

Copy forwarded to Chief Engineer, Project-I (Urban), NBPDCI for information and further needful action.


(Pranav Kumar)

Chief Engineer (Project-II)

dated 30/06/2023-----/

Memo no 230-----/

Copy forwarded to M/s Rodic Consultant, Hq team for information and further needful.


(Pranav Kumar)

Chief Engineer (Project-II)

dated 30/06/2023-----/

Memo no 230-----/

Copy forwarded to OSD to MD/ Director (Project), NBPDCI for kind information.


(Pranav Kumar)

Chief Engineer (Project-II)

CLIENT	NORTH BIHAR POWER DISTRIBUTION CO. LTD. (NBPDC)		
PROJECT	Revamped Reforms-based and Results-linked, Distribution Sector Scheme Under Circle Kishanganj		
LOA No.	Supply Contract- NOA No. 23 dated 06.03.2023		
	Erection Contract- NOA No. 24 dated 06.03.2023		
CONTRACTOR	Vaishno Associates Vidyut Projects LLP, Bihar		
GUARANTEED TECHNICAL PARTICULARS OF 9 MTR. 300 KG PSC POLE			
Sl. no.	Description	Unit	Details
1	Name of the Manufacture & Address		VAISHNO CONCRETES Khata No. 17 and Plot No. 30 within Mouza Sultanpur, Thana No. 29, P.O. Chakla, P.S. & Distt. Kishanganj, State Bihar, Pin 855107
2	Type of Pole		Pre Stress Concrete
3	Factor of Safty		2.5
4	Overall length of Pole	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
(iii)	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/cm2	17500
(vi)	Steel Quantity	Kg/pole	22
10	Concrete Detail		
(i)	Cement Type		Ordinary Portland Cement- 43 Grade
(ii)	Concrete mix strength	Kg/cm2	210 kg/cm2 at time of transfer of prestress (min) 420kg/cm2 at age of 28days (min)
(iii)	Concrete Quantity	Cubic mtr/pole	0.243m3
(iv)	Concrete covering to Wires	Mm	70
11	GI earthing wire	SWG	6
12	Length of GI Earth Wire	Mtr	7.8
13	Weight of PSC Pole	Kg	607
14	18 MM holes At a Distance of from top	mm	100, 200, 1000
15	Engraving Marking		NBPDC, Makers Sr No., Manufacturer's Name Month/Year of Manufacture
16	Standard confirming to		
	Pole		IS: 1678/2000
	Cement		IS:8041
	Aggregates		IS: 383/1970
	Pre stressing wire		IS:6003/1983
	Concrete Mix		IS:456/2000
	Tolerance Dimensions		a) + 15mm on overall length of pole + 5mm on sectional dimension 0.5% on the uprightness of pole

Note- Top 3 feet of pole to be painted with IS 5-shade 541 in all four faces.

→ developed under ROSS-LR
at 1.5 mtr. from bottom to verify the planting depth.

APPROVED
Subject to the condition that you are not absolved of the responsibility of materials correctness of materials
30.6.2023
Chief Engineer (Project-II)
NBPDC



For VAISHNO CONCRETES

Authorized Signatory

CHECKED

AEE(P-II) EEE(P-II) ESE(P-II)

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CLIENT	NORTH BIHAR POWER DISTRIBUTION CO. LTD. (NBPDC)
PROJECT	Revamped Reforms-based and Results-linked, Distribution Sector Scheme Under Circle Kishanganj
LOA No.	Supply Contract- NOA No. 23 dated 06.03.2023
	Erection Contract- NOA No. 24 dated 06.03.2023
CONTRACTOR	Vaishno Associates Vidyut Projects LLP, Bihar

APPROVED

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

Kumar Kumar
30.6.2023
Chief Engineer (Project-I)
NBPDC

GUARANTEED TECHNICAL PARTICULARS OF 8 MTR. 200 KG PSC POLE

Sl. no.	Description	Unit	Details
1	Name of the Manufacture & Address		VAISHNO CONCRETES Khata No. 17 and Plot No. 30 within Mouza Sultanpur, Thana No. 29, P.O. Chakla, P.S. & Distt. Kishanganj, State Bihar, Pin 855107
2	Type of Pole		Pre Stress Concrete
3	Factor of Safty		2.5
4	Overall length of Pole	Mtr	8
5	Working Load	Kg	200
6	Point of application of load		600 mm below from Top
7	Depth of plantation	Mm	1500
8	Overall Dimensions		
(i)	Bottom Depth	mm	290
(ii)	Top Depth	mm	145
(iii)	Breadth	mm	90
9	Reinforcement Details		
(i)	Diameter of Pre Stressing Wire	mm	4
(ii)	No. of Tensioned Wires	Nos	12
(iii)	No. of Untensioned Wire	Nos	2
(iv)	Length of each pre stressing wire	Mtr	8
(v)	Ultimate Tensile Strength	Kg/cm2	17500
(vi)	Steel Quantity	Kg/pole	10.25 <i>11.5 kg/pole</i>
10	Concrete Detail		
(i)	Cement Type		Ordinary Portland Cement- 43 Grade
(ii)	Concrete mix strength	Kg/cm2	210 kg/cm2 at time of transfer of prestress (min) 420kg/cm2 at age of 28days (min)
(iii)	Concrete Quantity	Cubic mtr/pole	0.157m3
(iv)	Concrete covering to Wires	Mm	20 <i>Depth of the pole = 20mm</i>
11	GI earthing wire	SWG	8 <i>width of the pole = 22 mm</i>
12	Length of GI Earth Wire	Mtr	7.25
13	Weight of PSC Pole	Kg	380 <i>(min)</i>
14	18 MM holes At a Distance of from top	mm	100, 200, 1000
15	Engraving Marking		NBPDC, (Makers Sr No., <i>Developed under ROSS-12</i> Manufacturer's Name Month/Year of Manufacture, <i>Coloured indelible depth mark at 1500mm</i>
16	Standard confirming to		
	Pole		IS: 1678/2000
	Cement		IS:8041 <i>*</i>
	Aggregates		IS: 383/1970 <i>(nominal maximum size of aggregate shall not exceed 2mm)</i>
	Pre stressing wire		IS:6003/1983
	Concrete Mix		IS:456/2000
	Tolerance Dimensions		a) +- 15mm on overall length of pole +- 5mm on sectional dimension 0.5% on the uprightness of pole

CHECKED

AEE(P-II) ESE(P-II)

Minimum Ultimate Transverse Load - 500 kg

* Cement - IS 269-1976 (Specification for ordinary & low heat port land cement) or IS: 8041 E-1978 (Specification for rapid hardening Portland cement)



18. Method of pre-stressing - By tensioning of wire through Hydraulic tensioning machine

19. Concrete Grade - M-40

Authorized Signatory

From bottom to verify the planting depth.

