



North Bihar Power Distribution Company Limited

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

CIN No:U40109BR2012SGC018920

(Department of Project II)

Letter No-168/

NB/P-II/Kishan/RDSS/ Vaishno Associates/46/2023

dated 15/06/2023/

Contact No – 09264437179

Email – cerdssnbpdc12@gmail.com

From,

Pranav Kumar
Chief Engineer (Project-II)

To,

M/s Vaishno Associates Vidyut Projects LLP,
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 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/2023-24/39 dated 09.06.2023

Sir

With reference to the subject noted above, please find enclosed herewith the GTP & drawing of 8 Mtr. 200 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 KSE Poles Private Limited. Registered Office- 16 Strand Road, Diamond heritage, Room no-916, Kolkata-700001. Manufacturing Unit- Village & PO Langulia, PS-Suri, Dist- Birbhum, West Bengal, 731103.	8 Mtr. 200 Kg PSC Poles

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.

Your faithfully

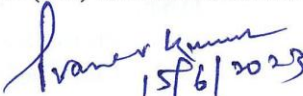
(Pranav Kumar)

Chief Engineer (Project-II)

Memo no 168-----/

dated 15/06/2023-----/

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, Pandit 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.

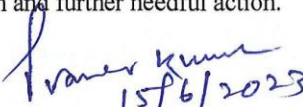

15/6/2023
(Pranav Kumar)

Chief Engineer (Project-II)

dated 15/06/2023-----/

Memo no 168-----/

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

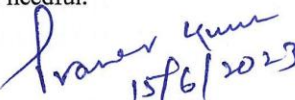

15/6/2023
(Pranav Kumar)

Chief Engineer (Project-II)

dated 15/06/2023-----/

Memo no 168-----/

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



15/6/2023
(Pranav Kumar)

Chief Engineer (Project-II)

Memo no 168-----/


dated 15/06/2023-----/

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


15/6/2023
(Pranav Kumar)

Chief Engineer (Project-II)

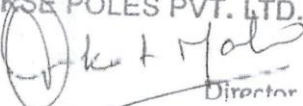
Guaranteed Technical Particulars for Pre-Stressed Cement Concrete (PSC) Poles

Project	RDSS Works at Kishanganj Electric supply Circle
Contractor	M/s Vaishno Associates Vidyut Projects LLP . Jaipur
Owner	 NBPDCCL, Patna Bihar
LOA No.	NB/P-II/RDSS/Tender /25/2022 NOA No 23 & 24 Dated 06.03.2023
Name of the Item	8MTR LONG 200KG PSC POLE
Name & Address of the Manufacturer	KSE POLES PVT LTD, SURI (BIRBHUM), VII.L. - LANGULIA, P.O. - LANGULIA P.S. - SURI, DIST. - BIRBHUM, PIN. - 731103

Technical Particulars			
S. No.	Particulars	Unit	Particulars
1.	Overall length of Pole	m	8
2.	Depth of planting	m	1.5
3.	Applicable Standard	-	As per IS:1678-1998, IS-2905, IS-7321
4.	Minimum Ultimate Transverse load	Kg	500
5.	Weight of Pole	Kg	380 (min.)
6.	Factor of Safety	-	2.5
7.	Working Load Applied at 600 mm from top	Kg	200
8.	Volume of Pole in Cubic Meter	cu m	0.157
9.	Dimension of the pole :		
a.	Top dimension	mm	90 x 145
b.	Bottom dimension	mm	90 x 290
10.	Actual consumption/Quantity of material used in manufacturer of each pole :		
a.	Cement (OPC IS:269-1976)	Kg	85 *
b.	Sand	CFT	As per relevant IS
c.	Stone Chips (IS:385)	CFT	As per relevant IS
e.	IIT Wire :		
i.	Dia of Wire	mm	4
ii.	No of Wire	nos	12
iii.	Weight of Wire	Kg	11.5 12
iv.	Standard	-	IS:1785-1983

d. Aggregate - As per IS-383-1970 and Nominal maximum size of Aggregate shall not exceed 12mm.



KSE POLES PVT. LTD.

Director




* Cement - IS 269 - 1976 (specification for ordinary & low heat portland cement) OR IS: 8041 E-1978 (specification for hardening portland cement)


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


Chief Engineer (Project-II)
NBPDCCL

CHECKED


TEE (R&S) AEE(P-II) EEE(P-II) ESE(P-II)

Guaranteed Technical Particulars for Pre-Stressed Cement Concrete (PSC) Poles

Project	RDSS Works at Kishanganj Electric supply Circle
Contractor	M/s Vaishno Associates Vidyut Projects I.P. , Jaipur
Owner	 NBPDCCL, Patna Bihar
LOA No.	NB/P-II/RDSS/Tender /25/2022 NOA No 23 & 24 Dated 06.03.2023
Name of the Item	8MTR LONG 200KG PSC POLE
Name & Address of the Manufacturer	KSE POLES PVT LTD, SURI (BIRBHUM), VILL. - LANGULIA, P.O. - LANGULIA P.S. - SURI, DIST. - BIRBHUM , PIN. - 731103

Technical Particulars			
S. No.	Particulars	Unit	Particulars
f.	Other M.S Reinforcement		
i.	Non tension wire	Nos.	2
ii.	II.T wire rings	Nos.	4mm HT wires of 12 Nos.
iii.	H.T wire Hooks	nos	2
11.	Earthing Arrangement in each PSC pole		
a.	Length of GI Wire & SWG	mm	7.25 (8 SWG)
b.	Weight of GI Wire	gm	892
12.	Method of Pre-stressing		By tensioning of wire through winch Hydraulic tensioning machine
13.	Concrete mix & cube strength		
a.	After 72 hours	Kgs./cm ²	210
b.	After 28 days	Kgs./cm ²	420
14.	Concrete Grade		M-40
15.	Ultimate Tensile Strength of pre-stressing wire	Kgs/sq.cm	17500
16.	Pole Marking / Engraving		NBPDCCL, HRSS Developed under RDSS-LR Date, Month & Year of Manufacture Maker's Sl. No. & Mark Coloured indelible depth marker at 1.5mt from bottom to verify the planting depth

N.B.1 OTHER PARAMETERS AS PER TECHNICAL SPECIFICATION

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



KSE POLES PVT. LTD.
Sheat Moh
Director

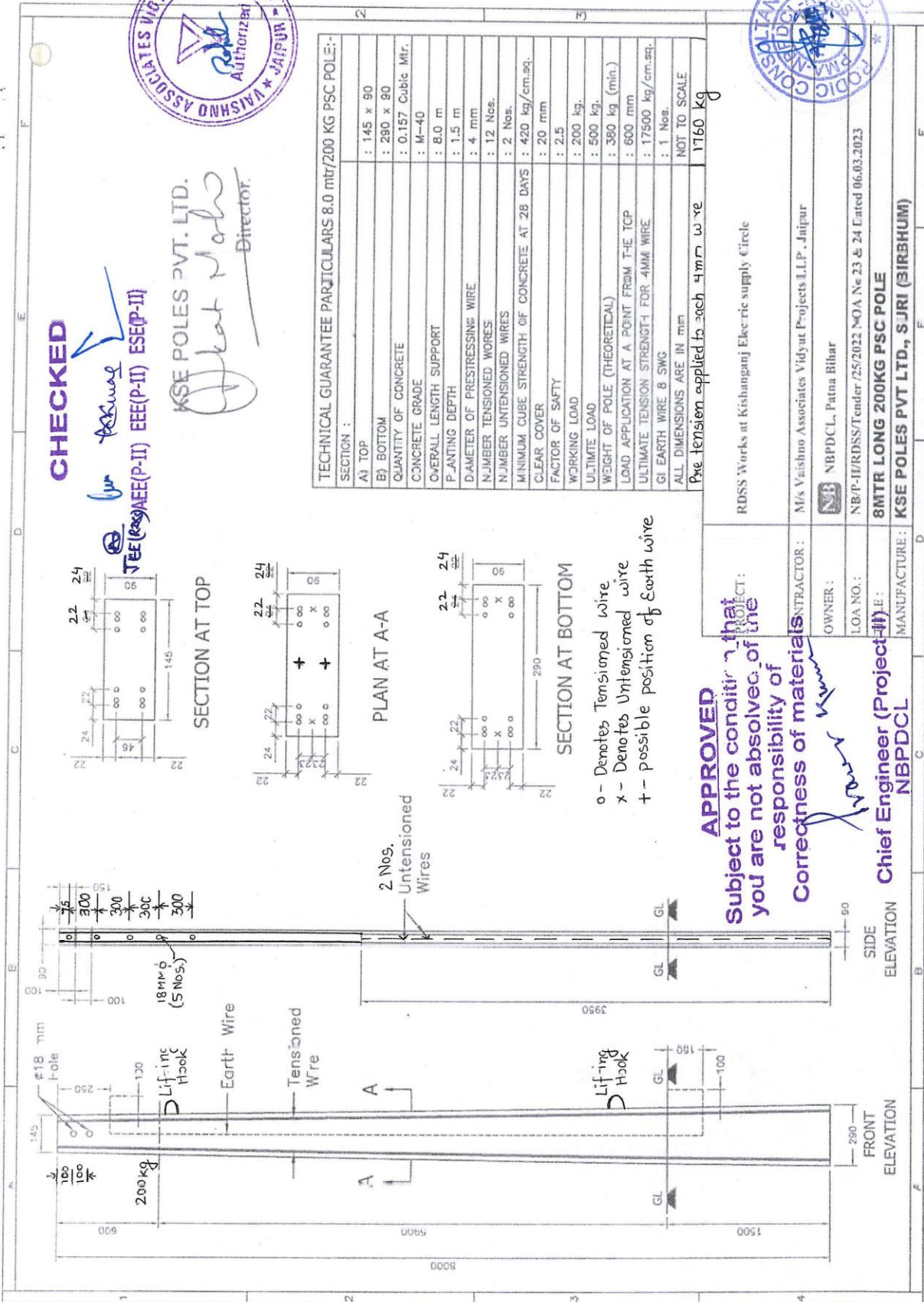


APPROVED
Subject to the condition that you are not absolved of the responsibility of Correctness of materials

Praveer Kumar
Chief Engineer (Project-II)
NBPDCCL

CHECKED

Praveer Kumar
TEE(RDSS) AEE(P-II) EEE(P-II) ESE(P-II)



CHECKED

for Technical
 TEE (R&S) EEE (P-II) ESEP-II

KSE POLES PVT. LTD.
Atul Mohan
 Director



TECHNICAL GUARANTEE PARTICULARS 8.0 mtr/200 KG PSC POLE:-

SECTION :	
A) TOP	: 145 x 90
B) BOTTOM	: 290 x 90
QUANTITY OF CONCRETE	: 0.157 Cubic Mtr.
CONCRETE GRADE	: M-40
OVERALL LENGTH SUPPORT	: 8.0 m
PANTING DEPTH	: 1.5 m
DIAMETER OF PRESTRESSING WIRE	: 4 mm
NUMBER TENSIONED WORES	: 12 Nos.
NUMBER UNTENSIONED WIRES	: 2 Nos.
MINIMUM CUBE STRENGTH OF CONCRETE AT 28 DAYS	: 420 kg/cm.sq.
CLEAR COVER	: 20 mm
FACTOR OF SAFETY	: 2.5
WORKING LOAD	: 200 kg.
ULTIMATE LOAD	: 500 kg.
WEIGHT OF POLE (THEORETICAL)	: 380 kg. (min.)
LOAD APPLICATION AT A POINT FROM THE TOP	: 600 mm
ULTIMATE TENSION STRENGTH FOR 4MM WIRE	: 17500 kg/cm.sq.
GI EARTH WIRE 8 SWG	: 1 Nos.
ALL DIMENSIONS ARE IN mm	NOT TO SCALE
Pre tension applied to each 4mm wire	1760 kg

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

CONTRACTOR : M/s Veishno Associates Vijayut Projects L.L.P., Jaipur
 OWNER : NBPDCCL, Patna Bihar
 LOA NO. : NB/P-II/RDSS/Tender/25/2022/NOA Ne 23 & 24 Dated 06.03.2023
 Chief Engineer (Project-II) : *[Signature]*
 NBPDCCL

