



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: 996
[File No:-N-XIII/RDSS/V.A/Chapra Circle-3121/2023-

Dated: 17-08-23

E-mail: cerdssnbpdcl@gmail.com

From,

Shriram Singh
Chief Engineer, Project-I (Urban)

To,

M/s NCC Ltd
NCC House, Survey no. 64, Madhapur,
Hyderabad, 500081
Email: elec.tenders@nccltd.in

Sub:- Regarding approval of GTP & Drawing of 8 Mtr. 200 Kg PSC Pole of make M/s Anoop Prestress Works, Siwan for Loss Reduction Component works under "Revamped Reforms-Based and Results-Linked Distribution Sector Scheme."

**Ref:- (i) NOA No.-244 & 245 dated 06.03.2023
(ii) Your letter no.-NCCL/RDSS/NBPDCL/PATNA/157 dated 14.08.2023**

Sir,

With reference to the above, please find the copy of approved 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 & Address
1	8 Mtr. 200 Kg PSC Pole	M/s Anoop Prestress Work, Vill-Siswan, Manjhi-Darauli Road, Near HP Petrol Pump, Gangpur, Siwan, Bihar-841210

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

In case of any conflict or contradiction between GTP/Drawing & Technical Specifications, 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.- 996

Dated- 17-08-23

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 Polycab India Ltd.**, Polycab House, 771, Pandit Satwalekar Marg, Mumbai / **M/s Ashoka Buildcon Ltd**, S.No.-861, Ashoka House, Ashoka Marg, Vadala, Nashik-422011 / for information and necessary action.

Encl:-As above

(Shriram Singh)

Chief Engineer, Project-I (Urban)

Memo No.- 996

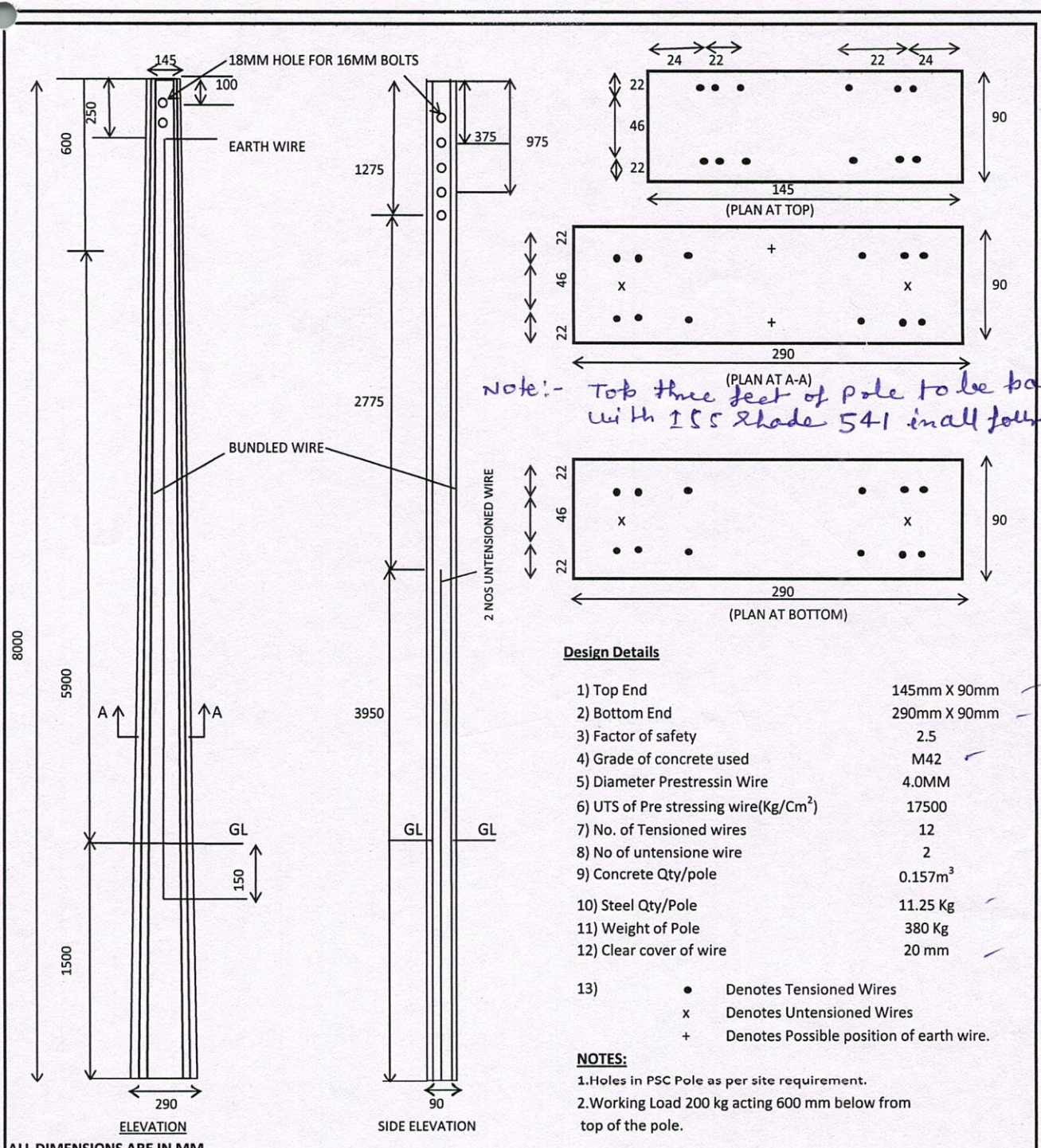
Date- 17-08-23

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

Encl:-As above

(Shriram Singh)

Chief Engineer, Project-I (Urban)



Note:- Top three feet of pole to be painted with IS shade 541 in all four sides of face.

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

[Signature]
CE (Project-1), Urban NBPDC

OWNER:	NORTH BIHAR POWER DISTRIBUTION COMPANY LIMITED
CONTRACTOR:	M/s NCC Limited -Hyderabad
SUPPLIER:	M/s Anoop Prestress Works- Siwan
PROJECT:	Development of Distribution Infrastructure for Electric Supply Circle Chapra of Bihar State On Turnkey Basis.
SCHEME:	Revamped Reforms-Based and Result- Linked, Distribution Sector Scheme (RDSS) - Bihar
LOA NO:	244/N-XIII/P-I(U)Tender (RDSS)-3050/2022 DT. 06-03-2023
TITLE :	Typical GA Drawing of 8.0 Meter, 200 Kg Working Load PSC Pole.
DRG. No :	APW/Drg./01
DATE:	24.06.2023

Anoop Prestress Works
[Signature]



Checked
[Signature]
AEE(P-1) EEE(P-1) ESE(P-1)

PROJECT: Development of Distribution Infrastructure for Electric Supply Circle Chapra of Bihar State On Turnkey Basis

OWNER: North Bihar Power Distribution Co. Limited



CONTRACTOR: M/s NCC LIMITED



LOA No. : 244/N-XIII/P-I(U)Tender (RDSS)-3050/2022 DT. 06-03-2023

SUPPLIER : M/s Anoop Prestress Works - Siwan

ITEM : 8 Meter Long ,Working Load 200 Kg PSC Pole

GAURANTEED TECHNICAL PARTICULARS OF 8 MTR.LONG, WORKING LOAD 200 KG PSC POLES

I)	TECHNICAL DATA	
1	Type of Pole	Pre-stressed Concrete Cement ✓
2	Factor of Safety	2.5 ✓
3	Length of Pole	8000 MM ✓
4	Working Load	200 Kg. ✓
5	Point of application of Load	600 MM From Top. ✓
6	Depth of Plantation	1.5 Mtr. ✓
II)	DIMENSIONAL DETAILS	
1	Top Cross Section	145 MM X 90 MM
2	Bottom Cross Section	290 MM X 100 MM
3	Clear Cover	20 MM
4	Length of GI Wire	6700 MM
5	Size of GI Wire	4.0 MM (8 SWG)
III)	REINFORCEMENT DETAIL	
1	Diameter of High Tension Prestress Wire	4.0 MM ✓
2	Length of High Tension Prestress Wire	8000 MM
3	No. of Wire Per Pole	12 Nos Tensioned and 2 Nos Untensioned ✓
4	Weight of steel Per Pole	11.05 Kg ✓
5	HT Wire Rings.	6 Nos 4.0 MM on each ends of pole ✓
6	Ultimate tensile Strength	17500 Kg/cm2 ✓
7	IS Code Reference	IS 6003:1983(Specification of Indented Wire for Prestressed ✓
IV)	CONCRETE DETAIL	
1	Cement to use	Ordinary Prortland Cement-43 Grade ✓
2	Concrete Mix Strength	a) 210 Kg/cm2 at the time of prestressing (Minimum) ✓ b) 420 Kg/cm2 at the age of 28 days (Minimum)
3	Concrete Quantity	0.157 Cubic Meter. ✓
4	Weight of Pole	380 Kg ✓
5	Tolerance in Dimensions	a) ± 15.0 MM on overall length of the Pole. b) ± 3.0 MM on the cross sectional dimensions. c) 0.5% on the uprightness of the pole.
V)	MARKING(ENGRAVING)	
		a) APW/SBPDCL/DEVELOPED UNDER RDSS/Pole Size/Serial No./Date of Casting

APPROVED
 Subject to the condition that
 you are not absolved to the
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 of materials
 CE (Project-1), Urban
 NBPDCCL

Anoop Prestress Works
 Siwan
 Proprietor



Checked
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 AEE(P-1) EEE(P-1) ESE(P-1)