



Dakshinanchal Vidut Vitran Nigam Ltd.,
Urja Bhawan, 220KV S/s Bye-Pass Road, Sikandra, Agra
Telefax. # 0562-2603736

No. 7305 /S.E. (MM)/DVVNL-MM/866-2012/(R-APDRP)/SCADA

Dated: 10.8.15

Sub.: Approval of GTP/Drawings/Vendor of Material/Equipment .

Ref. Tender No.: DVVNL-MM/866-2012

Ref. Request letter No.: JSP/RAPDRP-SCADA/23515 dt. 23.05.2015

M/s JSP Projects Pvt. Ltd.
(Formerly known as M/s JSP Constructions,
Flat No-5, IInd Floor, III B-2, Nehru Nagar,
Ghaziabad-201001

Ph. No. 0120-2792705, 2792723
Fax No. 0120-4112449
Email: jspprojects@rediffmail.com

Dear Sirs,

With above references ,following GTPs/Drawings/Vendors are , hereby, approved for taking necessary procurement action at your end-

S. No.	Material/equipment	Make Name
1	SP-33 STP 9.0 Mtrs	M/s. Kasper Engineering .Greater Noida
2	SP-55 STP 11.0 Mtrs	
3	SP-72 STP 13.0 Mtrs	

Remark: Tolerance limits, unless otherwise mentioned specifically in above GTP, Shall be as per Prevailing IS.

Correction wherever required in G.T P. & Drawing submitted by the contractor has been done by red ink. However, these G.T.P. & Drawing shall be subject to correctness as per technical specification of the tender document and the entire responsibility of the correctness of the G.T.P. & Drawing as per the specification as well as supply of material according to the technical specification of the contract agreement and these G.T.P. & Drawing shall be that of the contractor.

In case of any contradiction between G.T.P. & Drawing & Technical Specification the version of the M.D. DVVNL, Agra shall be final and binding on both the parties. Contractor shall have to replace the material to the entire satisfaction of purchaser in case the material is not found suitable for use in the projects.

One copy of approved drawings are enclosed herewith.

Encl.: As above

Your's faithfully,

(Deepak Mittal)
Superintending Engineer (MM)

No. /S.E. (MM)/DVVNL-MM/866-2012/(R-APDRP)/SCADA

Dated:

Copy forwarded to the following for information and necessary action:-

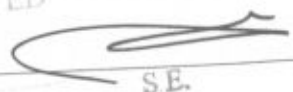
1. Superintending Engineer, Equator Circle, DVVNL, Agra.
2. Superintending Engineer, EDC, Firozabad.


(Deepak Mittal)
Superintending Engineer (MM)

GUARANTEED TECHNICAL PARTICULARS OF STEEL TUBULAR POLE SWAGED TYPE AS PER IS: 2713 (PART-1 TO III)/1980

Sr. No.	Particulars	9 Mtr. Long Tubular Pole 410 SP-33
1	Type of Pole	Swagged Type
2	Total Length	9 Mtr.
3	Outside Diameter & Thickness of Sections (All in MM) 1) Top 2) Middle 3) Bottom	114.3X3.65 139.7X4.5 165.1X5.4
4	Approximate Weight of Pole	164 Kg.
5	Breaking Load	≥ 612 Kg. f
6	Load for Permanent Set, not exceeding 13 mm.	≥ 297 Kg. f
7	Minimum Tensile Strength of Steel used in Manufacturing Poles.	≥ 42 Kg. f/mm ²

Note:- Major deviation from technical particulars of any type shall be given.
However tolerances shall be allowed as per latest IS: 2713-1980 Specification

CLIENT:- DVVNL	Notwithstanding the aforesaid approval the entire responsibility of the correctness and supply of material according to the specifications shall be that of the contractor. APPROVED  S.E. MMDVVNL/AGRA
CONTRACTOR:- JSP PROJECTS PVT. LTD.	
MANUFACTURER:- KASPER ENGINEERING	
GTP No.:- KASPER/GTP/SWTP/JSP/01	



Designation of Pole – 410 SP 33

L- (Length of Pole) 9 Mtr.
 H- (Height above Ground) 7.5 Mtr.

h3 (Bottom) 5 Mtr.
 h2 (Middle) 2 Mtr.
 H1 (Top) 2 Mtr.

J1 (Length of Joint) 300 mm
 J2 (Length of Joint) 350 mm

Outside diameter & thickness of section

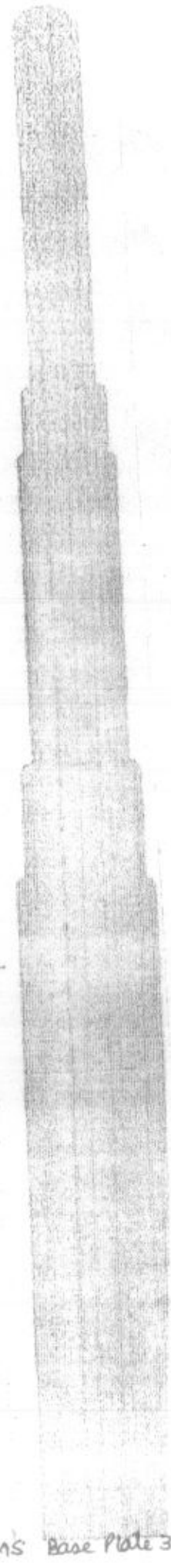
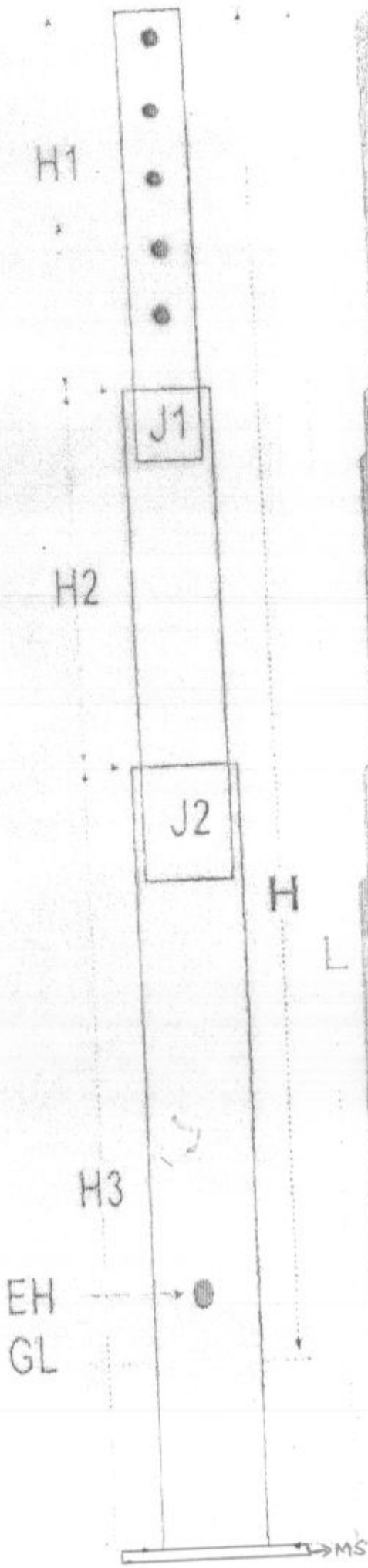
1. Bottom = 165.1 mm X 5.40 mm
2. Middle = 139.7 mm X 4.50 mm
3. Top = 114.3 mm X 3.65 mm

Approx Weight of Pole = 164 Kg.

Notwithstanding the aforesaid approval the entire responsibility for the correctness and supply of material according to the specification shall be that of the contractor.

APPROVED

[Signature]
 E.E. MM/DVVNL/AGRA SE.



MS Base Plate 300x300x6mm

GUARANTEED TECHNICAL PARTICULARS OF STEEL TUBULAR POLE SWAGED TYPE AS PER IS: 2713 (PART-1 TO III)/1980

Sr. No.	Particulars	11 Mtr. Long Tubular Pole 410 SP-55
1	Type of Pole	Swagged Type
2	Total Length	11 Mtr.
3	Outside Diameter & Thickness of Sections (All in MM) 1) Top 2) Middle 3) Bottom	139.7X4.5 165.1X4.5 193.7X4.85
4	Approximate Weight of Pole	227 Kg.
5	Breaking Load	≥ 650 Kg. f
6	Load for Permanent Set, not exceeding 13 mm.	≥ 316 Kg. f
7	Minimum Tensile Strength of Steel used in Manufacturing Poles.	≥ 42 Kg. f/mm ²

Note:- Major deviation from technical particulars of any type shall be given.

However tolerances shall be allowed as per latest IS: 2713-1980 Specification

CLIENT:- DVVNL

CONTRACTOR:- JSP PROJECTS PVT. LTD.

MANUFACTURER:- KASPER ENGINEERING

GTP No.:- KASPER/GTP/SWTP/JSP/02

Notwithstanding the aforesaid approval the entire responsibility of the correctness and supply of material according to the specification shall be that of the contractor.

APPROVED

[Signature]

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Designation of Pole – 410 SP 55

L- (Length of Pole) 11 Mtr.

H- (Height above Ground) 9.2 Mtr.

h3 (Bottom) 5.60 Mtr.

h2 (Middle) 2.70 Mtr.

H1 (Top) 2.70 Mtr.

J1 (Length of Joint) 350 mm

J2 (Length of Joint) 400 mm

Outside diameter & thickness of section

1. Bottom = 193.7 mm X 4.85 mm
2. Middle = 165.1 mm X 4.50 mm
3. Top = 139.7 mm X 4.50 mm

Approx Weight of Pole = 227 Kg.

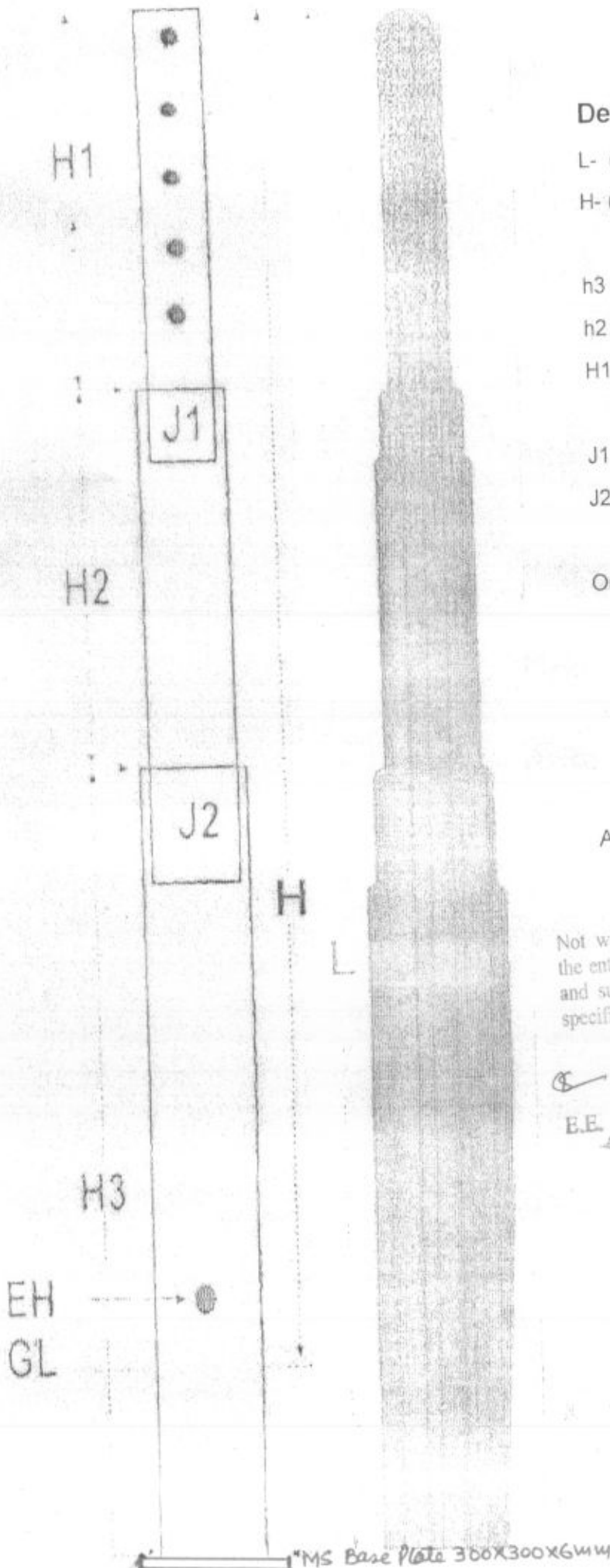
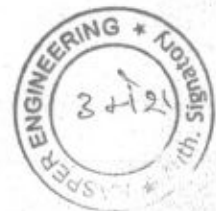
Notwithstanding the aforesaid approval
the entire responsibility for the correctness
and supply of material according to the
specification shall remain with the contractor.

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GUARANTEED TECHNICAL PARTICULARS OF STEEL TUBULAR POLE SWAGED TYPE AS PER IS: 2713 (PART-1 TO III)/1980

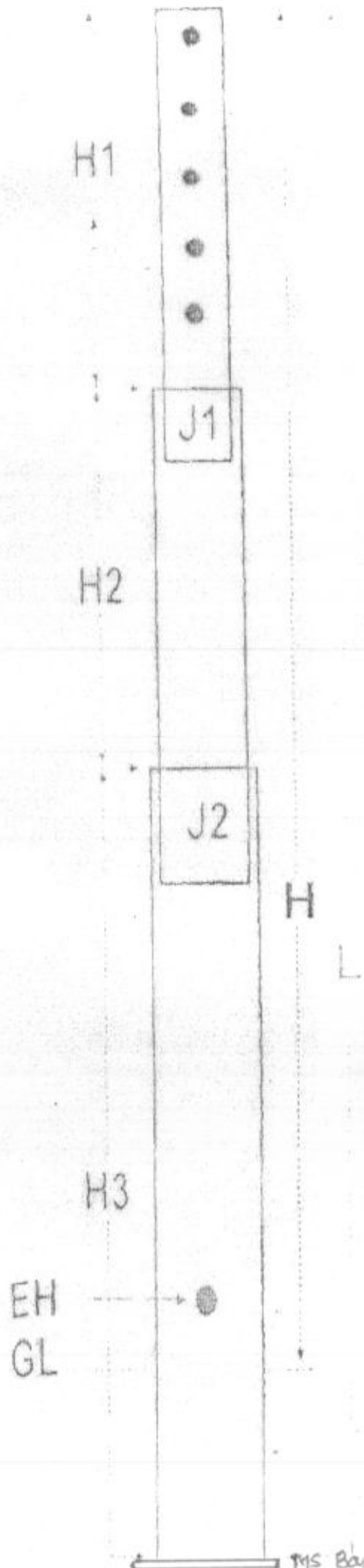
Sr. No.	Particulars	13 Mtr. Long Tubular Pole 410 SP-72
1	Type of Pole	Swagged Type
2	Total Length	13 Mtr.
3	Outside Diameter & Thickness of Sections (All in MM) 1) Top 2) Middle 3) Bottom	165.1X4.5 193.7X4.85 219.1X5.90
4	Approximate Weight of Pole	343 Kg.
5	Breaking Load	≥ 828 Kg. f
6	Load for Permanent Set, not exceeding 13 mm.	≥ 402 Kg. f
7	Minimum Tensile Strength of Steel used in Manufacturing Poles.	≥ 42 Kg. f/mm ²

Note:- Major deviation from technical particulars of any type shall be given.

However tolerances shall be allowed as per latest IS: 2713-1980 Specification

CLIENT:- DVVNL	Notwithstanding the aforesaid approval the entire responsibility of the correctness and supply of material according to the specification shall be that of the contractor. APPROVED  E.E. MM/DVVNL/AGRA
CONTRACTOR:- JSP PROJECTS PVT. LTD.	
MANUFACTURER:- KASPER ENGINEERING	
GTP No.:- KASPER/GTP/SWTP/JSP/03	





Designation of Pole – 410 SP 72

L- (Length of Pole) 13 Mtr.

H- (Height above Ground) 11 Mtr.

h3 (Bottom) 5.80 Mtr.

h2 (Middle) 3.60 Mtr.

H1 (Top) 3.60 Mtr.

J1 (Length of Joint) 400 mm

J2 (Length of Joint) 450 mm

Outside diameter & thickness of section

1. Bottom = 219.1 mm X 5.90 mm
2. Middle = 193.7 mm X 4.85 mm
3. Top = 165.1 mm X 4.50 mm

Approx Weight of Pole = 343 Kg.

Notwithstanding the aforesaid approval the entire responsibility of the correctness and supply of material according to the specification shall be that of the contractor.

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SPECIFIC TECHNICAL REQUIREMENTS FOR TUBULAR STEEL POLES : SWAGED TYPE

	9 meters long	11 meters long	13 meters long
1) Standard	IS: 2713 (Pat-I and III): 1980 as amended upto date		
2) Type of Pole	Swaged Type		
3) Designation	410 SP 33	410 SP 55	410 SP 72
4) Overall Length	9 meters	11 meters	13 meters
5) Planting depth	1.5 meters	1.8 meters	2.0 meters
6) Height above ground	7.5 meters	9.2 meters	11.0 meters
7) Effective length of Each section.			
a) Bottom	5.0 meters	5.6 meters	5.80 meters
b) Middle	2.0 meters	2.7 meters	3.60 meters
c) Top	2.0 meters	2.7 meters	3.60 meters
8) Outside diameter and Thickness of each Section.			
a) Bottom	165.1x5.40 mm	193.7x4.85 mm	219.1x5.90 mm
b) Middle	139.7x4.50 mm	165.1x4.50 mm	193.7x4.85 mm
c) Top	114.3x3.65 mm	139.7x4.50 mm	165.1x4.50 mm
9) Joint Length (in cm.):			
a) Bottom (J2)	35 cm.	40 cm.	45 cm.
b) Top (J1)	30 cm.	35 cm.	40 cm.
10) Approximate weight of Pole	169 Kg.	232 Kg.	348 Kg.
11) Breaking load (in Kgf)	612	650	828
12) Working load with factor of Safety : 2.5 (in Kgf)	245	260	331 Kg.
13) Crippling load (in Kgf)	435	462	588 Kg.
14) Load for permanent set Not exceeding 13mm (in Kgf)	297	316	402 Kg.
15) Load for Temporary Deflection of 157.5 mm (in Kgf)	157	130	121
16) Tolerance	As per IS : 2713 (Part-I & Part-III): 1980		
17) Finish	-do-		
18) Manufacturing clause	Notwithstanding the aforesaid approval the entire responsibility of the correctness and supply of material according to the specification shall be that of the contractor.		

APPROVED



E.E.



S.E.

MM/DVVNL/AGRA

