

Technical Data Schedule

S/N	Description	Unit	Pole parameters	
			For 66kV	For 132kV
1	Description		For 66kV	For 132kV
2	Reinforcement method		PC or Partial PC	Pure RC
3	Pole length	m	17M	17M
4	Strength class		100SC	100SC
5	Top diameter	mm	228	235mm
6	Bottom diameter	mm	455	462mm
7	Spiral wire diameter	mm	3mm	4.5mm
8	Ring bar diameter	mm	8mm	8mm
9	Horizontal PC wire diameter	mm	16mm	16mm
10	Number of horizontal PC wires	mm	16pcs	16pcs
11	Spacing of ring bar (tip to bottom)	mm	500mm	500mm
12	Spacing of spiral wire (tip to bottom)	mm	150mm	100mm
13	Cover over reinforcement, measured from the surface of the pole	mm	30mm	30mm
14	Average pole weight	kg	Less than 2000kg	Less than 3400kg
15	Average wall thickness	mm	70mm	100mm
16	Taper		1/75	1/75
17	Colour code		Brown	Blue
18	Pole ultimate load	kN	12.75kN	26.52kN
19	Pole proof load	kN	7.95kN	13.20kN
20	Size of coarse aggregate	mm	10mm-14mm	10mm-14mm
21	PC wire yield strength	MPa	>1500MPa	> 1500MPa
22	Rebar yield strength	MPa	>500MPa	> 500MPa
23	Concrete compression strength	MPa	50MPa	50MPa
24	Concrete tensile strength	MPa	-5.88MPa	-5.88MPa
25	Warranty period	Years	15 Years	15 Years
26	Certified copy of latest ISO 9001 furnished with the offer	Y/N	No	No
27	Test Certificates furnished with the offer?	Y/N	Indicate	Yes
28	Certified copy of ISO 14001 furnished with the offer	Y/N	Indicate	No
29	Is Warranty certificate submitted	Y/N	Indicate	Yes

NB: Please fill in Bidder's Offer for each item

.....
Signature and seal of the Manufacturer

.....
Date

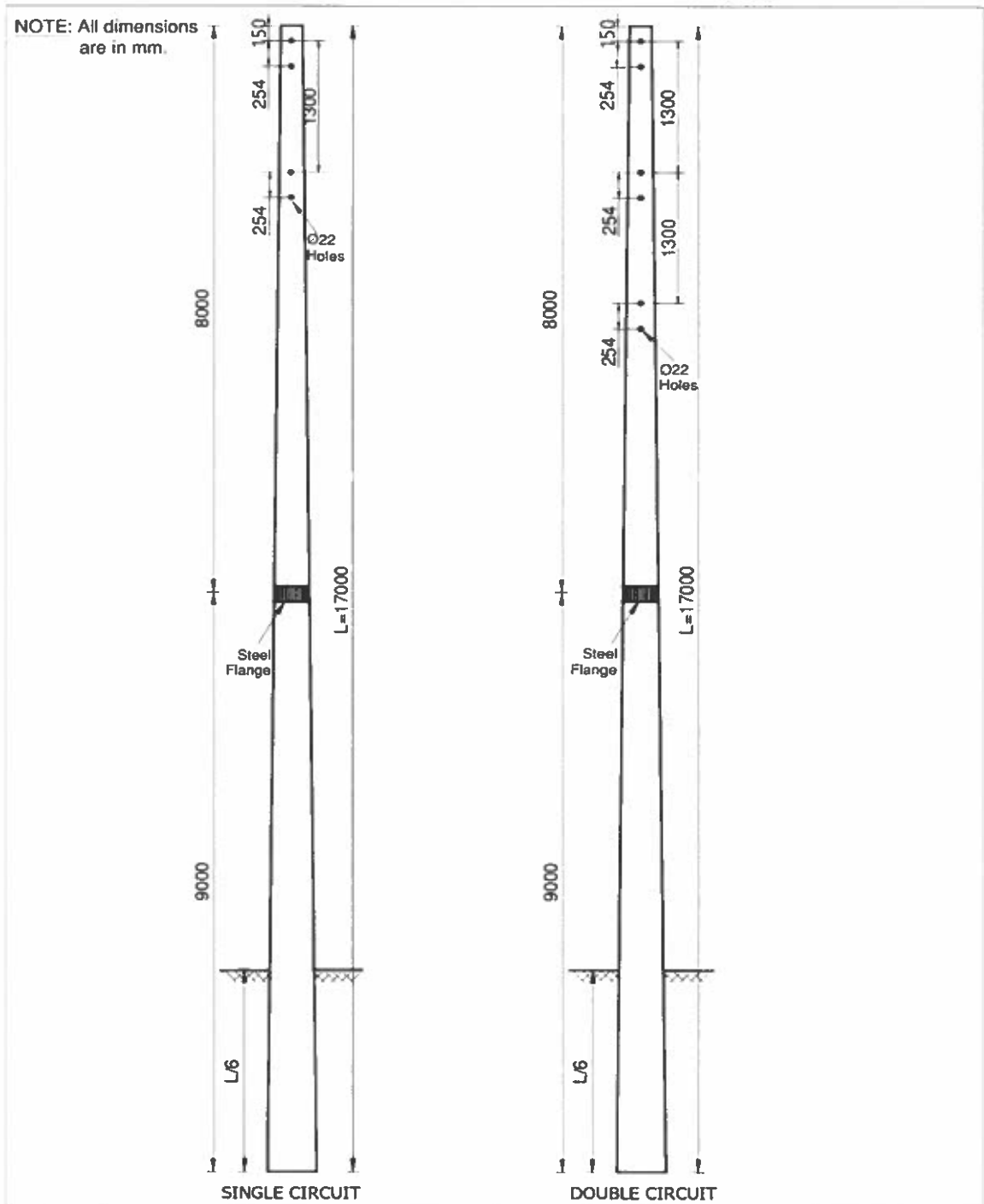
I/We certify that the above data are true and correct


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Signature and seal of the Bidder

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Date



SPECIFICATION S71B – SPUN PRESTRESSED CONCRETE POLES



Qty	Item	Description	Cat.no	Drawing no.	Remarks
Specification for Spun Pre-stressed Concrete Poles			17m Concrete Poles Holes Configuration for MV Lines		
		Specification No. S-71 B	Drawing number S-71B-2021/04		Rev 01
Drawn by: EM		Checked by: MK	Approved by: MK		Date 01-07-2021
					Scale not to scale

Drawing 4: Holes configuration for 17m Poles