

CHAPTER-9
METER AND SERVICE LINES

Chapter Code No	DESCRIPTION OF WORK	UNIT	Rate/Unit
1	2	3	4
9.1	Fixing of single phase meter box at the premises of existing/new consumer with 4 Nos Anchor fastners of rust proof size M-6x50 mm on the wall as per the position of the holes already provided on the meter box. The meter box must be housed perfectly vertical/plumb line, anchor fasteners are to be supplied/provided by the contractor (including self carriage from S/D store to consumer's site)		
9.1.1	IN URBAN AREA		
(a)	Plastic Box	Nos	65.76
(b)	Metal Box	Nos	84.07
9.1.2	IN RURAL AREA		
(a)	Plastic Box	Nos	85.55
(b)	Metal Box	Nos	109.27
9.2	Fixing of single phase meter cum meter box (complete unit) at the premises of existing/new consumer with 4 Nos Anchor fastners of rust proof size M-6x50 mm on the wall as per the position of the holes already provided on the meter box. The meter box must be housed perfectly vertical/plumb line, anchor fasteners are to be supplied/provided by the contractor (including self carriage from S/D store to consumer's site and depositing removed meter and meter box if any in S/D Store.)		
9.2.1	IN URBAN AREA	Nos	84.24
9.2.2	IN RURAL AREA	Nos	105.35
9.3	Fixing of three phase meter box size 340x750x240 mm at the premises of existing/new consumers with 4 nos. Anchor fastners with rust proof size M-6x50 mm on the wall as per the position of holes already provided on the meter box. The meter box must be housed perfectly vertical/plumb line, anchor fasteners are to be supplied/provided by the contractor		
9.3.1	IN URBAN AREA		
(a)	Plastic Box	Nos	92.09
(b)	Metal Box	Nos	118.43
9.3.2	IN RURAL AREA		
(a)	Plastic Box	Nos	119.90
(b)	Metal Box	Nos	153.92
9.4	Fixing of three phase meter cum meter box (complete unit) at the premises of existing/new consumers with 4 Nos Anchor fastners with rust proof size M-6x50 mm on the wall as per the position of holes already provided on the meter box. The meter box must be housed perfectly vertical/plumb line, anchor fasteners are to be supplied/provided by the contractor including safe carriage from S/D store to consumers site and depositing removed meter and meter box if any in S/D store).		
9.4.1	IN URBAN AREA	Nos	115.81
9.4.2	IN RURAL AREA	Nos	147.38


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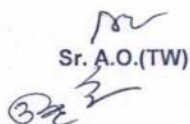

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Chapter Code No	DESCRIPTION OF WORK	UNIT	Rate/Unit
1	2	3	4
9.5	Fixing of single phase energy meter in meter box by providing machine screws making holes on bakelite sheet as per requirement & also making connections at meter terminals and MCB using Thimbles(by crimping) including providing M-seal compound inside meter box. The bakelite sheet must be fixed properly with Screws to restrict the movements vertically or horizontally. The meter is also required to be checked for proper functioning after making connections of service lines with distribution mains by licenced contractor only. The screws will be provided by contractor. Payment for lugs will be made extra @ Rs.1.00 per wire for single phase connection if not available with AVVNL& provided by contractor.(including safe carriage)		
9.5.1	IN URBAN AREA	Nos	42.04
9.5.2	IN RURAL AREA	Nos	54.80
9.6	Fixing/installation of three phase energy meter in meter box by providing machine screws making holes bakelite sheet as per requirement & also making connections at meter terminals and MCB using Thimbles(by crimping) including providing M-seal compound inside meter box. The bakelite sheet must be fixed properly with Screws to restrict the movements vertically or horizontally. The meter is also required to be checked for proper functioning after making connections of service lines with distribution mains by licenced contractor only. The screws will be provided by contractor. Payment for lugs will be made extra @ Rs.1.50 per wire for single phase connection if not available with AVVNL & provided by contractor.		
9.6.1	IN URBAN AREA	Nos	68.38
9.6.2	IN RURAL AREA	Nos	88.99
9.7	Replacement of defective energy meter at consumer's premises including fixing of screw and making connections at meter terminals with lugs(by crimping) & ensuring proper supply and perfect working of the meter installed. The work includes re-fixing of the meter box if not fixed properly the screw will be provided by the contractor. Payment for lugs will be made extra @ Rs. 1.00 per wire for single phase meter and @ Rs. 1.50 per wire for 3 phase meter, if not available with Discom and provided by the contractor. The removed meters shall be deposited with the concerned Junior Engineer Incharge with complete details in prescribed Performa of Discom.		
9.7.1	IN URBAN AREA		
(a)	Single phase energy meter	Nos.	42.04
(b)	Three phase energy meter	Nos.	68.38
9.7.2	IN RURAL AREA		
(a)	Single phase energy meter	Nos.	54.80
(b)	Three phase energy meter	Nos.	88.98


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1	2	3	4
9.8	Laying of 1100 volt heavy duty armoured XLPE cable of aluminum conductor of following size conforming to IS: 7098 (Pt-I) (latest amended) overhead service line from pole to meter terminals for release of new LT connections/replacement of damaged/obsolete service line (except agriculture one). The cable must be fixed on wall with clamps /hooks properly at a interval of one meter.		
a	2 Core 2.5/ 4/ 6 sq. Mm	Meter	5.23
b	4 Core 6/10 sq. mm	Meter	7.85
c	4 Core 16/25 sq. mm	Meter	9.16
d	4 Core 50 sq. mm	Meter	13.08
9.9	Removal of meter & meter box & service line of PDC consumers and depositing in Nigam's store including transportation.		
	Three phase	Per connection	255.35
	Single phase	Per connection	236.86
9.10	Fixing of spring load bus bar box with 4 Nos. anchor fastners of rust proof size M-8x75mm on the wall as per the position of the holes already provided on the box. The bus bar box must be housed perfectly vertical/plumb line, anchor fastners are to be provided / supplied by the contractor (including self carriage from S/d. store to site) including making terminations of the main cable from pole / tapping point to bus bar box and consumer's service lines from box to meter.	Pole	
a	Single phase bus bar box	No.	150.74
b	Three phase bus bar box	No.	174.54
9.11	Supply & fixing of cable holding lamp made of MS flat 30x4mm size, 200mm length in all (100+75+25mm) duly machined i.e. banding, drilling etc. as per drawing and painted by synthetic enamel paint (traditional pink colour) with 2nos. Anchor fastners of rust proof size M-6x65mm on the wall as per route of the cable laid surface mounted on the wall. The clamp must be installed perfectly in horizontal line anchor fastners are to be provided / supplied by the contractor (including self carriage from S/dn. store to site).	No.	114.50
9.12	Supply & fixing of cable tray made of slotted angle painted by synthetic enamel paint (traditional pink colour) with minimum 2nos. Anchor fastners per meter length of rust proof size M-6x65mm on the wall as per route of the cables / service line to laid surface mounted on the wall. The cable tray must be installed perfectly in horizontal line, anchor fastners are to be provided/ supply by the contractor(including self carriage from S/dn. store to site)		
a	40x40mm 20 SWG	Meter	114.50

NOTE:-

- 1 The quality of material supplied by the contractor be got checked and approved by the Circle S.E.
- 2 The nuts and bolts provided / supplied by the contractor will be confirmed to relevant ISS.
- 3 The Rates are inclusive of all applicable Taxes/ Duty except service tax which will be paid extra by Nigam if applicable


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