

APPENDIX VI. UNIT RATES FOR INFRASTRUCTURE DEVELOPMENT WORKS

[TO BE PROVIDED ON THE LETTER HEAD OF THE BIDDER SIGNED BY AUTHORIZED SIGNATORY]

The Authority shall arrive at Unit Rate payable to the Successful Bidder for infrastructure development by least cost method. All Qualified Bidders shall quote their Unit Rate in the following table, for each Item No, which shall be uploaded along with bid submission. The Unit Rate BOQ PDF of all the Qualified Bidders shall be opened and compared and the lowest rate quoted by each Bidder for each item No. shall therefore become the unit rate payable for the respective Item No. to the Successful Bidder. Accordingly the Authority shall arrive at Unit Rates for each Item No activity which shall become unit rates applicable to the Successful Bidder (“Unit Rate”). The Unit Rate to be quoted by the Bidder shall not be higher than the rate mentioned in Column (4) in table below or the Applicable DSR. The rates provided by the Bidder shall be negotiated by the SMC prior to finalization and accordingly the negotiated rates shall become final Unit Rates.

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
(1)	(2)	(3)	(4)	(5)
7.1	Cables (CB)			
7-1-22	Supplying, erecting & terminating PVC armoured cable 4 core 25 sq mm aluminium conductor with continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	M	219	
7-1-23	Supplying, erecting & terminating PVC armoured cable 4 core 35 sq mm aluminum conductor with continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	M	268	
7-6-5	Supplying & laying (including excavation) 15 cm dia. RCC Hume pipe with coupling collar of standard thickness at required depth up to 90 cm below road / ground surface, for enclosing provided cable & necessary back filling with light ramming to make the road/ground surface as it was (Except bitumen carpet).	M	564	
7-6-11	Supplying and laying (including excavation) 50 mm outside dia. double wall corrugated pipes (DWC) of HDPE for enclosing cable below ground/road surface, to required depth complete.	M	185	
8.1	Steel Poles (OH-PL)			
8-1-7	Supplying and erecting Rolled steel Joist (Girder) pole 150 x 80 mm/150 x 75 mm (14.9 kg /m) with provided base plate in provided foundation as per specification No. OH-PL/RSJ	m	864.00	
8-1-9	Supplying and erecting Rolled steel Joist (Girder) pole 175 x 85 mm (19.6 kg/m) with provided base plate in provided foundation as per specification No. OH-PL/RSJ	m	1080.00	
8-1-10	Supplying and erecting Rolled steel Joist (Girder) pole 100 x 116 mm (23 kg/m) with provided base plate in provided foundation as per specification No. OH-PL/RSJ	m	1246.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-1-11	Supplying and erecting Rolled steel Joist (Girder) pole 125 x 70 mm (13.3 kg/m) with provided base plate in provided foundation as per specification No. OH-PL/RSJ	m	790.00	
Note:-	As per contour of the site and position of different obstacles / layout the length of RSJ pole to be considered for each pole, also selection of size of pole shall be made on the basis of strength of pole which will decide its utility as normal, intermediate, cut point etc. The measurement sheet should be attached in estimate/bill. Necessary arrangement for earthing shall be provided, also the base plate should be taken separately for item no 8.1.7 to 8.1.11 for each pole			
8-1-14	Supplying and erecting ISI mark G.I. pipe pole 'B' grade 80 mm dia 6 m long with pole cap, base plate in provided foundation as per specification No. OH-PL/GIP	Each	4356.00	
8-1-15	Supplying and erecting M.S. pipe pole 'B' grade 80 mm dia 6 m long with pole cap, base plate in provided foundation as per specification No. OH-PL/GIP	Each	4363.00	
8-1-16	Supplying and erecting steel tubular swaged type welded pole with upper portion hydraulically bent swan neck, 165.1 x 139.7 x 114.3 mm dia with 4.5 x 4.50 x 3.65 mm thickness (5 + 2 + 3 m) respectively (net vertical height 9 m.) total length 10 m long with base plate in provided foundation. (weight 156.75 kg) as per specification No. OH-PL/STP	Each	14772.00	
8-1-17	Supplying and erecting steel tubular swaged type welded pole with upper portion bent swan neck, 165.1 x 139.7 x 114.3 mm dia. with 4.5 x 4.5 x 3.65 mm thickness (5.6 + 2.7 + 2.7 m) respectively total 11 m long with base plate in provided foundation. (weight 175 kg) as per specification No. OH-PL/STP	Each	15114.00	
8.3 Hot Dipped Galvanized Poles and High Mast (OH-HM)				
8-3-1	Supplying and erecting 12.5 m (clear height) High Mast (Top-150mm, Bottom- 360mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 6 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification No. OH-PL/HM (excluding luminaries and CG Boxes.)	Set	193809.00	
8-3-3	Supplying and erecting 16 m (clear height) High Mast (Top-150 mm, Bottom- 410mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 12 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification No. OH-PL/HM (excluding luminaries and CGBoxes).	Set	233250.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-3-4	Supplying and erecting 20 m (clear height) High Mast (Top-150mm, Bottom- 410mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 8 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification No. OH-PL/HM (excluding luminaries and CG Boxes).	Set	277580.00	
8-3-6	Supplying and erecting 25 m (clear height) High Mast (Top-150mm, Bottom- 540mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 12 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification No. OH-PL/HM (excluding luminaries and CG Boxes).	Set	352618.00	
Note:-	High Mast rates are including High Mast and its accessories, foundation bolts and aviation obstruction lights.			
	Hot Dipped Galvanized OCTAGONAL Poles			
8-3-13	Providing & erecting 6 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification No. OH-PL/OPL	Each	12303.00	
8-3-14	Providing & erecting 7 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification No. OH-PL/OPL.	Each	14186.00	
8-3-15	Providing & erecting 8 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 135 mm A/F, top 70 mm A/F on provided foundation as per specification No. OH-PL/OPL	Each	16147.00	
8-3-16	Providing & erecting 9 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 155 mm A/F, top 70 mm A/F on provided foundation as per specification No. OH-PL/OPL	Each	18170.00	
8-3-17	Providing & erecting 10 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 175 mm A/F, top 70 mm A/F on provided foundation as per specification No. OH-PL/OPL	Each	20553.00	
8-3-18	Providing & erecting 11 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 210 mm A/F, top 90 mm A/F on provided foundation as per specification No. OH-PL/OPL	Each	25137.00	
8-3-19	Providing & erecting 12 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 240 mm A/F, top 90 mm A/F on provided foundation as per specification No. OH-PL/OPL	Each	28846.00	
8-3-30	Providing and erecting Galvanised 1000mm single arm sword type bracket with FRP dome and ball as per specification No. OH-PL/PBKT	Each	2154.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-3-31	Providing and erecting Galvanised 1000mm double arm sword type bracket with FRP dome and ball as per specification No. OH-PL/PBKT	Each	3535.00	
Note:-	1) For bracket length of 1500 mm (Single/ double arm) increase overall rates by 20% 2) Above brackets are suitable for octagonal /conical poles from 3m to 12m length.			
	High Mast Control Panels			
8-3-32	Supplying and erecting Outdoor Stand Mounted Feeder Pillar for high mast of the same manufacturer with 32A TPN MCB incomer, single dial timer switch, 25 A TP contactor for automatic switching of luminaries, 2 no 9A contactors and raise/lower push button, and provision for termination of Incoming minimum 35 sq. mm and outgoing minimum 16 & 2.5 sq. mm cables complete erected in min. 14 guage CRCA sheet box with supporting angles, self lock, gasket and slanting top erected on CC foundation in an approved manner.	Job	24060.00	
8-3-33	Supplying and erecting Outdoor Stand Mounted Feeder Pillar for highmast of the same manufacturer with 63A TPN MCB incomer, single dial timer switch, 45 A TP contactor for automatic switching of luminaries, 2 no 9A contactors and raise/lower push button, and provision for termination of Incoming minimum 35 sq. mm and outgoing minimum 16 & 2.5 sq. mm cables complete erected in min. 14 guage CRCA sheet box powder coated with supporting angles, self lock, gasket and slanting top erected on CC foundation in an approved manner.	Job	26698.00	
Note:-	For item no. 8-3-32 & 8-3-33 rates are inclusive of foundation.			
8.4 Brackets (OH-BKT)				
8-4-1	iron 50x50x6 mmand 550 mm longfor 2 insulators, and erecting on pole with 50x6mm clampcomplete as per specification No. OHPL/ BKT	Each	343.00	
8-4-2	Supplying MS pole bracket for guarding, fabricated fromangle iron 50x50x6 mmand 1100mm longfor 4 insulators, and erecting on pole with 50x6mm clampcomplete as per specification No. OHPL/BKT	Each	458.00	
8-4-3	Supplying MS pole bracket, for guarding fabricated from ISMC Channel 75 x 40 x 6.8 mm and 550 mm long for 2 insulators and erecting on pole with 50x6mm clamp complete as per specification No.OH-PL/BKT	Each	380.00	
8-4-4	Supplying MS pole bracket, for guarding fabricated from ISMC Channel 75 x 40 x 6.8 mm and 1100 mm long for 5 insulators and erecting on pole with 50x6mm clamp as per approved method of construction and complete as per specification No. OHPL/BKT	Each	651.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-4-5	Supplying MS pole bracket for OH conductor fabricated from 65 x 65 x 6 mm section, 550 mm long for 2 insulators and erecting on pole with 50x6 mm clamp as per approved method of construction and complete as per specification No. OH-PL/BKT	Each	384.00	
8-4-6	Supplying MS pole bracket for OH conductor fabricated from 65 x 65 x 6 mm section, 1100 mm long for 4 insulators and erecting on pole with 50x6 mm clamp as per approved method of construction and complete as per specification No. OH-PL/BKT	Each	657.00	
8-4-7	Supplying pole bracket, for OH conductor fabricated from ISMC channel, 75x40x6.8 mm550mm long for 2 insulators and erecting on pole with 50x6 mm clamp as per approved method of construction and complete as per specification No. OH-PL/BKT	Each	350.00	
8-4-8	Supplying pole bracket, for OH conductor fabricated from ISMC channel, 75x40x6.8 mm1100mm long for 4insulators and erecting on pole with 50x6 mm clamp as per approved method of construction and complete as per specification No. OH-PL/BKT	Each	651.00	
8-4-9	Supplying pole bracket,for OH conductor fabricated from ISMC channel, 75x40x6.8 mm, 550 mm long for two insulators and welded with extension channel pieces of same size 300 mm in length and erecting on pole with 50x6 mm clamp as per approved method of construction and complete as per specification No. OHPL/BKT	Each	477.00	
8-4-10	Supplying pole bracket, fabricated from ISMC channel, 75x40x6.8 mm, 1100 mm long for 4 insulators and welded with extension channel pieces of same size 300 mm. in length and erecting on pole with 50x6 mm clamp as per approved method of construction and complete as per specification No. OH-PL/BKT	Each	665.00	
8-4-11	Supplying 100 x 50 mmwith 4.7 mm thick web and 7.5 mm thick flange channel iron cross arm of suitable length for 2.4m wide DP structure and erecting on DP with 50x6 mm clamp as per approved method of construction and complete as per specification No.OH-PL/BKT.	Each	1751.00	
Note:-	For distance exceeding 2.4 m between two pole structure add Rs. 840/- per meter for extra channel length.	Each		
8-4-12	Supplying and erecting Vee cross arm for 11kv HTOH line with arrangement to fix insulator at 45mmfrom the end & horizontal distance between insulators 1220 mm bent at angle of 60 degree keeping base 305 mmand the total vertical height of V cross arm as 460mm, and fixed on pole with MS clamp of 80x10 mm, nut bolts,washers complete as per specification No. OH-PL/VCA	Each	1609.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-4-13	Supplying and erecting Vee cross arm for 22/ 33kV HTOH line with arrangement to fix insulator at 45mm from the end & horizontal distance between insulators 1530 mm bent at angle of 60 degree keeping base 310 mm and the total vertical height of V cross arm as 460mm, and fixed on pole with MS clamp of 80x10 mm, nut bolts, washers complete as per specification No. OHPL/VCA	Each	2171.00	
8-4-14	Supplying and erecting 75x40 mm with 4.4 mm thick web and 7.3 mm thick flange channel (top pin) with clamp of suitable length so as to maintain vertical clearance of 1065 mm for 11 kV, 1320 mm for 22 kV between insulators for erection of top pin insulators complete as per specification No. OH-PL/VCA	Each	451.00	
8-4-15	Supplying and erecting bracket for guarding, made from channel iron 1600 mm in length and 75x40 mm. with 4.4 mm. thick web and 7.3 mm thick flange erected on pole complete as per specification no. OH-PL/VCA	Each	890.00	
8-4-16	Supplying and erecting bracket for guarding, made from channel iron 1600 mm in length and 65 x 65 x 6mm thick web and 7.3 mm thick flange erected on pole as per specification no. OH-PL/VCA	Each	806.00	
8-4-21	Supplying & erecting inline cut point end pole D. P. Structure for 11/0.415 kV, 63 kVA Transformer with R.S.J. Pole 2 Nos. of size 100 x 116 mm x 11 Mtr. Long with suitable Distribution Box of C.R.C.A. Sheet 16 SWG (size 4 SqMtr.) with 4 Pole MCCB 100 Amps as incomer & 6 Nos. 63 Amps Kitkat for outgoing circuits. Transformer D.P. Structure includes the A. B. Switch 200 Amps, D.O. fuse Set & L.A. Set. 2 Nos. Top channel of size 100 mm x 50 mm for erection of A.B. Switch & 2 Nos. Base channel of size 100 mm x 50 x mm for erecting Transformer. Channel of size 75 x 40 mm for erecting D.O. Fuse Set, L.A., A.B. Switch handle etc. Angle of size 50 x 50 x 6 mm for erecting Distribution Box, Transformer Belt etc. as per drawing (min. 176 Kg. iron work) with necessary clamps, Nut-bolts. Vee cross arm, top clip, insulators etc. complete with caution board & barbed wire. D.P. Structure shall be erected in c.c. foundation complete.	Each	105557.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-4-22	Supplying & erecting inline cut point end pole D. P. Structure for 11/0.415 kV, 100 kVA Transformer with R.S.J. Pole 2 Nos. of size 100 x 116 mm x 11 Mtr. Long with suitable Distribution Box of C.R.C.A. Sheet 16 SWG (size 4 SqMtr.) with 4 Pole MCCB 200 Amps as incomer & 6 Nos.100 Amps Kitkat for outing circuits. Transformer D.P. Structure includes the A. B. Switch 200 Amps, D.O. fuse Set & L.A. Set. 2 Nos.Top channel of size 100 mmx 50 mm for erection of A.B. Switch & 2 Nos. Base channel of size 100 mm x 50 x mm for erecting Transformer. Channel of size 75 x 40 mm for erecting D.O. Fuse Set, L.A., A.B. Switch handle etc. Angle of size 50 x 50 x6 mm for erecting Distribution Box, Transformer Belt etc.as per drawing (min. 176 Kg. iron work) with necessary clamps, Nut-bolts. Vee cross arm, top clip, insulators etc. complete with caution board & barbed wire.D.P. Structure shall be erected in c.c. foundation complete.	Each	116420.00	
Note:-	1. All the brackets, cross arms are included with clamps, washers and nut bolts. 2. For all components in the DP structure for pole mounted transformer the respective specifications will be applicable.			
8.5 Conductors (OH-CON)				
8-5-1	Supplying and erectingall aluminium stranded conductors 7/1.96 mm complete.(Rose) (58 kg/km) as per specification No. OH-CON/AAC	Km	12818.00	
8-5-2	Supplying and erectingall aluminium stranded conductors 7/2.21 mm. complete. (Gnat)(73.77kg/km) as per specification No. OH-CON/AAC	Km	21782.00	
8-5-3	Supplying and erectingall aluminium stranded conductors 7/2.48 mm.complete. (Iris) (91.8 kg/km) as per specification no. OH-CON/AAC	Km	19810.00	
8-5-4	Supplying and erectingall aluminium stranded conductors 7/2.78 mm.complete. (Pansy) (115.8 kg/km) as per specification No. OH-CON/AAC	Km	25201.00	
8-5-5	Supplying and erectingall aluminium stranded conductors 7/3.10 mm. complete. (Ant.) (145.0 kg/km) as per specification No. OH-CON/AAC	Km	30709.00	
8-5-6	Supplying and erecting ACSR conductor of size 6/1-2.11 mmcomplete.(squirrel) (85kg/km) as per specification No. OHCON/ ACSR	Km	16106.00	
8-5-7	Supplying and erecting ACSR conductor of size 6/1-2.59 mm complete.(Weasel)(127.7 kg/km) as per specification No. OHCON/ACSR	Km	20631.00	
8-5-8	Supplying and erecting ACSR conductor of size 6/1-3.60 mmcomplete.(Ferret) (171.3 kg/km) as per specification No. OHCON/ ACSR	Km	32214.00	
8-5-9	Supplying and erecting ACSR conductor of size 6/1-3.66 mm complete.(Mink)(255 kg/km) as per specification No. OHCON/ ACSR	Km	49800.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-5-10	Supplying and erecting ACSR conductor of size - 6/1-4.09 mm(Racson) complete. (318.00 kg/km) as per specification No. OHCON/ACSR	Km	61993.00	
8-5-11	Supplying and erecting ACSR conductor of size - 6/1-4.72 mm (Dog) complete. (394.00 kg/km) as per specification No. OHCON/ACSR	Km	742347.00	
8-5-12	Supplying and erecting hard drawn G.I. wire 8 SWG complete erected for overhead line with proper size of G.I. wire for bindingwith jumpering etc.	Km	7299.00	
8.6 Insulators (OH-INS)				
8-6-1	Supplying and erecting pin type LT medium insulator 100 mm x 62 mm dia. with suitable G.I. spindle, nut, bolts complete erected.	Each	63.00	
8-6-2	Supplying and erecting porcelain shackle type LT medium insulator 75x115 mm dia. with G.I. strips, nuts and bolts complete.	Each	50.00	
8-6-3	Supplying and erecting porcelain shackle type LT medium insulator 50 x 89 mm dia. with G.I. strips, nuts and bolts complete.	Each	47.00	
8-6-4	Supplying and erectingaluminium bobbin with G.I. strip, nuts complete.	Each	78.00	
8-6-5	Providing and fixing earthing studwith necessary materials.	Each	48.00	
8-6-6	Supplying and erecting porcelain disc type insulator suitable for 11kVline, complete as per specification No. OH-INS/DI	Each	997.00	
8-6-7	Supplying and erecting porcelain disc type insulator suitable for 22kV line, complete as per specification No.OH-INS/DI	Each	1359.00	
8-6-8	Supplying and erectingporcelain disc type insulator suitable for 33 kVline complete as per specification No. OH-INS/DI	Each	1711.00	
8-6-9	Supplying and erecting porcelain pin type insulator suitable for 11kV line, complete as per specification No. OH-INS/PN	Each	237.00	
8-6-10	Supplying and erecting porcelain pin type insulator suitable for 22kV line, complete as per specification No. OH-INS/PN	Each	298.00	
8-6-11	Supplying and erecting porcelain pin type insulator suitable for 33kVline, complete as per specification No.OH-INS/PN	Each	612.00	
8-6-12	Supplying and erectingporcelain post type insulator suitable for 11kVline, complete as per specification No. OH-INS/PST	Each	474.00	
8-6-13	Supplying and erectingporcelain post type insulator suitable for 22kV line,complete as per specification No. OH-INS/PST	Each	567.00	
8-6-14	Supplying and erecting porcelain post type insulator suitable for 33kV line, complete as per specification No. OH-INS/PST	Each	759.00	
8-6-15	Supplying and erecting Distribution class, 11 kVthyrite type lightning arrester, on provided cross arm as per specification No. OH-INS/LA	Each	1070.00	
8-6-16	Supplying and erecting Distribution class, 22 kVthyrite type lightning arresters, on provided cross arm as per specification No. OH-INS/LA	Each	1080.00	
8.7 Accessories				

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-7-1	Supplying and erecting G.I. stay set for poles, including loop insulators at inaccessible height complete with anchor plate 300 x 300 x 6 mm., straining screws, G.I. stay wire 7/10 SWG, G.I. stay rod 20 mm x 1.8 m length and pole clamps duly erected in provided cement concrete foundation	Each	1231.00	
8-7-2	Supplying and erecting G.I. stay set for poles, including loop insulators at inaccessible height complete with anchor plate 300 x 300 x 6 mm., straining screws, G.I. stay wire 7/8 SWG, G.I. stay rod 20 mm x 1.8 m length and pole clamps duly erected in provided cement concrete foundation	Each	1444.00	
8-7-4	Supplying and erecting G.I. self stay set for pole, including anchor plate 300x 300 x 6 mm. straining screw, loop-insulator, G.I. stay wire 7/10 SWG, G.I. stay rod 20 mm x 1.8 m long, erected with pole clamps along with angle iron bracket of 50 x 50 x 6 mm and one meter long fixed to pole at suitable height with suitable MS clamps duly erected in provided C.C. foundations	Each	1444.00	
8-7-5	Supplying and erecting G.I. wall hook, 10 to 15 mm dia and overall length 250 mm including grouting, cement plastering etc. complete.	Each	49.00	
8-7-6	Supplying and erecting pipe post made from ISI mark G.I. pipe 40 mm dia 3 m overall length, with two bends, fixed to pipe at the top & bottom, round bended, complete erected with MS flat welded MS bolts 15 cm long duly grouted in wall with necessary clamps, nuts and bolts etc. duly painted with two coats of aluminium paint complete.	Each	1065.00	
8-7-7	Supplying and erecting pipe post made from ISI mark G.I. pipe 25 mm dia 3 m overall length, with two bends, fixed to pipe at the top & bottom, round bended, complete erected with MS flat welded MS bolts 15 cm long duly grouted in wall with necessary clamps, nuts and bolts etc. duly painted with two coats of aluminium paint complete.	Each	961.00	
8-7-8	Supplying and erecting guarding loop using G.I. wire No. 8 SWG for L.T. over head line of horizontal formation complete erected with 20 SWG G.I. wire as binding wire and 50 mm. section on each side, complete.	Each	43.00	
8-7-9	Supplying and erecting fibre/ PVC spacers for L.T. overhead line 3 to 5 conductors complete erected.	Each	102.00	
8-7-10	Supplying and erecting pole clamp made from 50 x 6 mm MS flat for pole or pipe, post complete erected with 15 mm bolts and nuts, complete duly painted with one coat of red oxide and two coats of aluminium paint.	Each	212.00	
8-7-11	Supplying and erecting pole clamp made from 50 x 10 mm MS flat for pole or pipe, post complete erected with 15 mm bolts and nuts, complete duly painted with one coat of red oxide and two coats of aluminium paint.	Each	235.00	
8-7-12	Supplying and erecting 'D' type pole clamps, fabricated from 50 x 6 mm MS flat with 15 mm dia. bolts and nut fixed to steel tubular pole duly painted with one coat of red oxide and two coats of aluminium paint.	Each	119.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
8-7-13	Supplying and erecting half clamps for pole made from 50 x 6 mm flat for fixing cross arms by means of 15 mm dia. bolts and nuts painted with one coat of red oxide and two coats of aluminum paint.	Each	119.00	
8-7-14	Supplying and erecting half clamps for pole made from 50 x 10 mm flat for fixing cross arms by means of 15 mm dia. bolts and nuts painted with one coat of red oxide and two coats of aluminium paint.	Each	379.00	
8.8 Dismantling				
8-8-1	Dismantling the existing pole up to 6 m height with brackets, clamps, insulators, stay from the cement concrete foundation and making the site clear by refilling the pits with excavated materials and bringing it to the ground level.	Each	416.00	
8-8-2	Dismantling the existing pole above 6 m height with brackets, clamps, insulators, stay from the cement concrete foundation and making the site clear by refilling the pits with excavated materials and bringing it to the ground level.	Each	678.00	
8-8-3	Dismantling the existing overhead line including G.I. wires of all sizes without damaging & making the coils in suitable sizes.	km	941.00	
8-8-4	Dismantling existing lightning arrestor set, insulator complete from DP structure in an approved manner	Job	79.00	
9.1	Earthing (EA)			
9.1.4	Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials as per specification No. EA-EP	each	1218	
9.1.5	Supply, Installation, Testing and commissioning of UL Certified / CPRI Tested Maintenance Free Earthing comprising of Electrode of 17.2 mm diameter Low Carbon Steel with 250 micron Molecular Copper Bonded Earthing Rod of Length 3m along with 25 kg Carbon Based environment friendly back fill Ground Enhancing compound required to fill up the excavated earth with required quantity as per specification no EA-MOBI	each	12531	
16.1	Earthing (EA)			
16-3-8	Providing & casting of M- 20 grade reinforced cement concrete (RCC) foundation suitable for 6m to 8m high octagonal /conical G.I. pole considering the safe soil bearing capacity at site as 10 T/sq m at 1.5 m depth including supply of steel, concrete, excavation and fixing provided nut bolts with the help of template as per design in an approved manner.	Each	6544.00	
16-3-9	Providing & casting of M- 20 grade reinforced cement concrete (RCC) foundation suitable for 9m & 10m high octagonal /conical G.I. pole considering the safe soil bearing capacity at site as 10 T/sq m at 1.5 m depth including supply of steel, concrete, excavation and fixing provided nut bolts with the help of template as per design in an approved manner.	Each	8581.00	

Item No	Short Description	Unit	Rate (Material + Labor)	Bidder's Rate (Material + Labor)
16-3-11	Providing & casting M- 20 cement concrete foundation suitable for 12.5 m raising lowering high mast considering the safe soil bearing capacity at site as 10 T/sq m at 2 m depth including excavation and fixing provided nut bolts with the help of template as per design in an approved manner.	Each	35327.00	
16-3-12	Providing & casting M- 20 cement concrete foundation suitable for 16 m raising lowering high mast considering the safe soil bearing capacity at site as 10 T/sq m at 2 m depth including excavation and fixing provided nut bolts with the help of template as per design in an approved manner	Each	44098.00	
16-3-13	Providing & casting M- 20 cement concrete foundation suitable for 20 m raising lowering high mast considering the safe soil bearing capacity at site as 10 T/sq m at 2 m depth including excavation and fixing provided nut bolts with the help of template as per design in an approved manner.	Each	55006.00	
16-3-14	Providing & casting M- 20 cement concrete foundation suitable for 25 m high mast considering the safe soil bearing capacity at site as 10 T/sq m at 2 m depth including excavation and fixing provided nut bolts with the help of template as per design in an approved manner.	Each	62966.00	
	Centralized Control and Monitoring System (CCMS)			
	As per tender specifications			
	Single Phase 5 KVA Capacity			
	3 Phase 15 KVA Capacity			
	3 Phase 25 KVA Capacity			

Duly authorized to sign the bid for and on behalf of

[Signature]

Name:

Title:

Date:

Place:

[Name, signature and title of the Authorized Person in whose name a power of attorney was issued.]

Note: The quoted rates online in the Price Bid shall be inclusive of all taxes, duties, etc. and applicable Goods and Services Tax (GST) and no claim in this context shall be entertained. Bidders shall not be paid any extra amount due to increase in any type of Government Taxes including excise duty during implementation of contract. Any variations in taxes etc. shall be borne by the Bidder.