



यूजेवीएन लिमिटेड

(उत्तराखण्ड सरकार का उपक्रम)

UJVN LIMITED

(A UTTARAKHAND GOVT. ENTERPRISE)

UJVNL

कार्यालय निदेशक (परिचालन), "उज्ज्वल" महारानी बाग, जी०एम०एच० रोड, देहरादून-248006 (उत्तराखण्ड), दूरभाष: 0135-2761484, फैक्स 0135-2763506
Office of the Director (Operations), "Ujjwal", Maharani Bagh, GMS Road, Dehradun-248006 (Uttarakhand), Phone: 0135-2761484, Fax: 0135-2763506

CIN No. U40101UR2001SGC025866

ISO 9001:2008 Certified

No. *M383* /UJVNL/02/D (O)/B-08

Date : *27-03-* /2026

Subject: Schedule of Rates (SOR) for the F.Y. 2026-27

General Manager (GV/YV-IYV-II/BV/RG&S/Vyasi/Commercial), UJVN Limited

Kindly find enclosed herewith the approved Schedule of Rates (SOR) of common items for your information and necessary action.

Encl.: As above.

(Swayambhu Dimri)

Dy. General Manager (Tech.)

For-Director (Operations)

Copy to:-

1. P.S. to Managing Director, UJVN Limited, Dehradun.
2. Director (Projects), UJVN Limited, Dehradun.
3. Executive Director (Finance), UJVN Limited, Dehradun.
4. Executive Director (O&M)/(E&M), UJVN Limited, Dehradun.
5. Dy.G.M. (IT) for uploading SOR on Nigam's website.

UJVNL Schedule of Rates(SOR) FY 2026-27

A committee was constituted vide Office Memorandum No. M-32/UJVNL/D(O)/B-8 dated 07/01/2026 to identify the common items of capital nature/normal (O&M) and preparing Schedule of rates for F.Y. 2026-27. The Schedule of Rates (SOR) of UJVNL for 2026-27 is submitted hereby for approval by competent authority

Methodology adopted for the preparation of the Schedule of Rates:

In order to arrive at the rates for the items in the Schedule of Rates, the following methodology was adopted: Rates prevalent in following utilities documented formally have been taken as reference.

1	The Schedule of rates are exclusive of Goods & Services Tax (GST). However rates for item Nos 34.01 to 40.125 are inclusive of GST.
2	Schedule of rates of Power Transmission Corporation of Uttarakhand, Ltd.
3	Central Public works Department, Delhi Schedule of Rates, 2025 for Electrical Works.
4	Ordered values against bid rates received in various open tenders/PO of UJVNL.
5	Labour rates are inclusive of days for weekly day of rest. 15% of estimation shall be considered for Contractor's profit as per prevailing standard followed by CPWD.
6	Items/equipments for which updated rates could not be obtained, the committee decided to increase the rates of SOR for FY 2025-26 by flat 10% to arriving at the rates for FY 2026-27 in this SOR.
7	The rate of materials like Transformer Oil/Turbine Oil/ cables are very volatile in nature. So, the rate of these material may also be taken from current market rate for tendering purpose.
8	The material and work for which the rates are not mentioned in this SOR of UJVNL Ltd, rates from the SOR of CPWD, PWD, SJVNL, BIHEL, THDC, PGCIL and NHPC for respective financial year may be taken for tendering purposes.
9	In case of uncommon/customized/proprietary nature items not included into this Schedule of Rates, the committee suggests to use prevailing methodology with a reasonable approach i.e. market rates, quotation based rates, budgetary offers etc. in UJVNL for estimation of rates.
10	The rates mentioned in this Schedule of Rates(SOR) of UJVNL for 2026-27 are indicative and will be used for budgetary purpose and for framing departmental estimates after approval of proposed SOR by competent authority.

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Methodology for framing of monthly basis labour estimation:

(In Rs.)

S. No	Wages	Unskilled	Semi-Skilled	Skilled
1	BASIC WAGES	9462.61	10846.61	12012.61
2	D.A 5% OF SER NO. 1	473.13	542.33	600.63
3	GRATUTY 4.81 % OF SER NO. 1	455	522	578
4	HOUSE ALLOWANCE 10% OF SER NO 1	946	1085	1201
5	CLOTHING ALLOWANCE 10% OF SER NO 1	946	1085	1201
6	BONUS 8.33% OF RS. 7000	583	583	583
7	Total (SER 1 TO 5)	12866	14664	16176
8	EPF 13% OF SER NO 1 (EMPLOYER SHARE)	1230	1410	1562
9	ESIC 3.25% OF SER NO 7 (EMPLOYER SHARE)	418	477	526
10	Total (SER 7 TO 9)	14514	16551	18264

Note:

1. 3% hike on basic wages (Serial no -01) of last year SOR 2025-26 of UJVN Ltd. also include 5% DA (Serial no -02) on new basic wage.
2. Contractor's profit @15% will be applicable in above rates.
3. These rates will be applicable to all sites and powerhouses of UJVN Ltd for long term and short term hiring.

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Methodology for framing of per day labour estimation:
 F.No.1/6(3)/2025-IT.S-II dated-25.09.2025 Government of India Ministry of Labour &
 Employment Office of the Chief Labour Commissioner, New Delhi

The rates of Variable Dearness Allowance for employees employed in CONSTRUCTION OR MAINTENANCE OF ROADS OR RUNWAYS OR IN BUILDING OPERATIONS INCLUDING LAYING DOWN UNDERGROUND ELECTRIC, WIRELESS, RADIO, TELEVISION, TELEPHONE, TELEGRAPH AND OVERSEAS COMMUNICATION CABLES AND SIMILAR OTHER UNDERGROUND CABLING WORK, ELECTRIC LINES, WATER SUPPLY LINES AND SEWERAGE

Category of worker			
	A	B	C
Unskilled	282	237	191
Semi-Skilled / Unskilled Supervisory	314	266	222
Skilled / Clerical	344	314	266
Highly Skilled	372	344	314

Therefore the minimum rates of wages showing the basic rates and Variable Dearness Allowance payable w.e.f. 01. 10. 2025 will be as under :-

Category of worker			
	A Area	B Area	C Area
Unskilled	523+282=805	437+ 237=674	350+ 191=541
Semi-Skilled / Unskilled Supervisory	579+314=893	494+ 266=760	410+ 222= 632
Skilled/ Clerical	637+344=981	579+314=893	494+ 266=760
Highly Skilled	693+372=1065	637+344=981	579+314=893

RATES OF V.D.A. FOR EMPLOYEES EMPLOYED IN 'Employment of Sweeping and Cleaning excluding activities prohibited under the Employment of Manual Scavengers.

AREA	RATES OF V.D.A. PER DAY in Rs.
A	282
B	237
C	191

Therefore the minimum rates of wages showing the basic rates and Variable Dearness Allowance payable w.e.f. 01. 10. 2025 will be as under :-

AREA	RATES OF WAGES PLUS V.D. A PER DAY		
	Basic Wages (Rs.)	V. D.A (Rs.)	Total (Rs.)
A	523	282	805
B	437	237	674
C	350	191	541

RATES OF V.D.A. for employees employed in WATCH & WARD (without arms) shall be as under :-

AREA	RATES OF V.D.A. PER DAY (in Rs.)
A	344
B	314
C	266

Therefore, the minimum rates of wages showing the basic rates and Variable Dearness Allowance payable w.e.f 01.10.2025 to employees employed in WATCH AND WARD (without arms) shall be as under:-

ARE A	RATES OF WAGES PLUS V.D. A PER DAY		
	Basic Wages (Rs.)	V. D.A (Rs.)	Total (Rs.)
A	637	344	981
B	579	314	893
C	494	266	760

RATES OF V.D.A. for employees employed in WATCH AND WARD (with arms) shall be as under:-

AREA	RATES OF V.D.A. PER DAY (in Rs.)
A	372
B	344
C	314

Therefore, the minimum rates of wages showing the basic rates and Variable Dearness Allowance payable w.e. f. 01. 10. 2025 to employees employed in WATCH AND WARD (with arms) shall be as under:-

ARE	RATES OF WAGES PLUS V.D. A PER DAY		
	Basic Wages (Rs.)	V. D.A (Rs.)	Total (Rs.)
A	693	372	1065
B	637	344	981
C	579	314	893

Note:-Area categorisation for Uttarakhand- No area in A category in Uttarakhand, Area for B category are- all urban areas of Dehradun, Mussorie, Pauri, Nanital and Ranikhet, Area for C category are- All district Headquarters, Kasipur, Rudrapur, Haldwani, Kathgodam, Roorkee, Bhawali, Chakrata, Mukteswar, Kotdwar, Rishikesh, Dugadda, Srinagar and all Rural area


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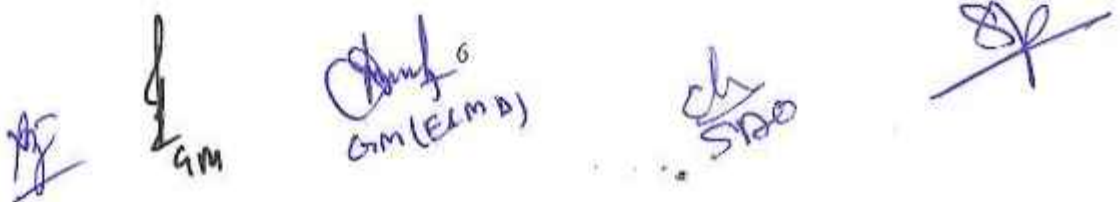
Rate Schedule for AIS Equipment for FY 2026-27

S.No	Item Name And Specification	Supply		Erection/work	
		Unit	Unit Rate (in Rs.)	Unit	Unit Rate (in Rs.)
1	Circuit Breakers				
1.01	245 kV, 1250A, 40kA , Circuit Breaker (3-phase)with support structure, Accuracy Class-0.2S	No	2,905,480	Job	290,548
1.02	245 kV, 1600A, 40kA , Circuit Breaker (3-phase)with support structure, Accuracy Class-0.2S	No	2,905,480	Job	290,548
1.03	245 kV, 2000 A 40 kA gang operated CB, Accuracy Class-0.2S	No	2,905,480	Job	290,548
1.04	145 kV, 2500A, 31.5kA Circuit Breakers (3Ph) with support structure, Accuracy Class- 0.2S	No	1,468,090	Job	146,809
1.05	145 kV, 1600 A, 31.5kA Circuit Breakers (3Ph) with support structure, Accuracy Class- 0.2S	No	1,468,090	Job	146,809
1.06	145 kV, 1250A, 31.5kA Circuit Breakers (3Ph) with support structure, Accuracy Class- 0.2S	No	1,468,090	Job	146,809
1.07	33 kV, 400A, 31.5kA 3-phase Circuit Breakers with support structure, Accuracy Class-0.2S	No	718,731	Job	71,873
1.08	33 kV, 630A, 25 kA Circuit Breakers (3Ph) (along with support structure), Accuracy Class- 0.2S	No	718,731	Job	71,873
1.09	33 kV, 1230A, 25kA Circuit Breakers SF6(3Ph) (along with support structure), Accuracy Class-0.2S	No	718,731	Job	71,873
1.10	33 kV, 2000A, 25kA, Circuit Breakers SF6(3Ph) (along with support structure), Accuracy Class-0.2S	No	718,731	Job	71,873
2	Isolators				
2.01	245 kV 1600A 40 kA (3-phase) Double Break Isolator with one E/S	No	672,370	Job	67,237
2.02	245 kV 1600A 50 kA (3-phase) Double Break Isolator with one E/S	No	672,370	Job	67,237
2.03	245 kV 1600A 40 kA (3-phase) Double Break Isolator with two E/S	No	823,403	Job	82,340
2.04	245 kV 1600A 50 kA (3-phase) Double Break Isolator with two E/S	No	823,403	Job	82,340
2.05	245 kV 1600A 40 kA (3-phase) Double Break Tandem Isolator without E/S	No	677,437	Job	67,744
2.06	245kV , 1600A 40 kA, (3-phase) Tandem Isolator without E/S	No	582,435	Job	58,244
2.07	245 kV 1600A 40 kA (3-phase) Double Break Beam mounted Isolator with out E/S	No	677,437	Job	67,744
2.08	245 kV 2000A 40 kA (3-phase) Double Break Isolator without E/S, Accuracy Class-0.2S	No	812,233	Job	81,223
2.09	245 kV 2000A 40 kA (3-phase) Double Break Isolator with one E/S	No	812,233	Job	81,223
2.10	145kV , 1250A, 31.5 kA, (3-phase) Double Break Isolator with one E/S	No	628,252	Job	62,825
2.11	145kV , 1250A, 31.5 kA, (3-phase) Double Break Isolator with two E/S	No	628,252	Job	62,825
2.12	145kV , 1250A, 31.5 kA, (3-phase) Double Break Isolator with out E/S	No	628,252	Job	62,825
2.13	145kV , 1250A, 31.5 kA, (3-phase) Double Break Isolator without E/S (Tandem)	No	659,664	Job	65,966
2.14	145kV, 1600A, 31.5 kA, Double Break Isolator without E/S beam mounted	No	476,741	Job	47,674
2.15	145kV, 1600A, 31.5 kA, (3-phase) Double Break Isolator with one E/S	No	454,039	Job	45,404
2.16	145kV, 1600A, 31.5 kA, (3-phase) Double Break Isolator with two E/S	No	454,039	Job	45,404
2.17	145kV, 1600A, 31.5 kA, (3-phase) Double Break Isolator without E/S Tandem, Accuracy Class 0.2S	No	432,618	Job	43,242
2.18	36 kV 400A, 25 kA, (3-phase) Double Break Isolator with one E/S	No	137,888	Job	13,789
2.19	36 kV 400A, 25 kA, (3-phase) Double Break Isolator without E/S	No	137,888	Job	13,789

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S.No	Item Name And Specification	Supply		Erection/work	
		Unit	Unit Rate (in Rs.)	Unit	Unit Rate (in Rs.)
2.20	36 kV 630A, 25 kA, (3-phase) Double Break Isolator with one E/S	No	137,888	Job	13,789
2.21	36 kV 630A, 25 kA, (3-phase) Double Break Isolator without E/S	No	137,888	Job	13,789
2.22	36 kV 1250A, 25 kA, (3-phase) Double Break Isolator with one E/S	No	137,888	Job	13,789
2.23	36 kV 1250A, 25 kA, (3-phase) Double Break Isolator with two E/S	No	137,888	Job	13,789
2.24	36 kV 1250A, 25 kA, (3-phase) Double Break Isolator without E/S	No	137,888	Job	13,789
2.25	36 kV 1250A, 25 kA, (3-phase) Double Break Isolator without E/S Tandem	No	137,888	Job	13,789
2.26	36 kV 1250A, 25 kA, (3-phase) Double Break Isolator without E/S (Beam mounted)	No	137,888	Job	13,789
2.27	36 kV 1600A, 25 kA, (3-phase) Double Break Isolator without E/S Beam mounted	No	137,888	Job	13,789
2.28	36 kV 2000A, 25 kA, (3-phase) Double Break Isolator without E/S	No	137,888	Job	13,789
3.0	Current Transformers				
3.01	245kV, 800A, 31.5kA 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	577,779	Job	57,778
3.02	245kV, 800A, 31.5kA 1 Phase Current Transformer with 150% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	577,779	Job	57,778
3.03	245kV, 1600A, 40kA 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	577,779	Job	57,778
3.04	245kV, 1600A, 40kA 1 Phase Current Transformer with 150% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	577,779	Job	57,778
3.05	145kV, 1200A, 31.5 kA 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	487,118	Job	48,712
3.06	145kV, 1000A, 31.5 kA 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	487,118	Job	48,712
3.07	145kV, 800A, 31.5 kA, 1 Phase Current Transformer with 120% extended Current rating	No	487,118	Job	48,712
3.08	145kV, 800A, 31.5 kA, 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	487,118	Job	48,712
3.09	145kV, 300A, 31.5 kA, 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	487,118	Job	48,712
3.10	145kV, 150A, 31.5 kA, Current Transformer with 20% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	487,118	Job	48,712
3.11	66 kV, CT Ratio 200-400/1/1/1	No	219,700	Job	21,970
3.12	36kV, 400A, 25 kA, 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	183006	Job	18,301
3.13	36kV, 600A, 25 kA, 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	183006	Job	18,301
3.14	36kV, 800A, 25 kA, 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	183006	Job	18,301
3.15	36kV, 1000A, 25 kA, 1 Phase Current Transformer with 120% extended Current rating, Accuracy Class-0.2S and No of Cores-05	No	183006	Job	18,301
3.16	11 kV CT (Resin Cast), Accuracy Class-0.2S and No of Cores-05	No	59,150	Job	5,915
4	CVT/Potential Transformers				
4.01	245kV, 4400pf Capacitive Voltage Transformer (1Ph), Accuracy Class-0.2S and No of Cores-05	No.	634062	Job	63,406
4.02	145kV, 4400pf Capacitive Voltage Transformer (1Ph), Accuracy Class-0.2S and No of Cores-05	No.	476362	Job	47,636



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S.No	Item Name And Specification	Supply		Erection/work	
		Unit	Unit Rate (in Rs.)	Unit	Unit Rate (in Rs.)
4.03	66kV, Transformer(1Ph), Accuracy Class-0.2S and No of Cores-04	No.	237,000	Job	23,700
4.04	36kV, 1 Phase 33kV /110 volt angle core outdoor type potential transformer, Accuracy Class-0.2S and No of Cores-05	No.	128966	Job	12,897
4.05	11 kV PT ,Accuracy Class-0.2S and No of Cores-05	No.	55,300	Job	5,530
5	Surge Arrester/Lighting Arrester				
5.01	245kV Surge Arrester	No.	114,656	Job	22,931
5.02	145kV Surge Arrester	No.	104,717	Job	20,943
5.03	66 kV Surge Arrester	No.	47,632	Job	9,486
5.04	33kV Surge Arrester	No.	24969	Job	4,994
5.05	11 kV, Surge Arrester	No.	8,504	Job	1,701
6	Relay Panels				
6.01	Generator Protection relay panel	No.	5,520,000	Job	552,000
6.02	220 kV line protection panel(with automation)	No.	2,507,910	Job	250,791
6.03	220 kV Transformer protection panel (both HV and LV side) (with automation)	No.	2,594,332	Job	259,433
6.04	Line current differential relay	No.	718,715	Job	71,872
6.05	132 kV line protection panel(with automation)	No.	1,357,193	Job	135,719
6.06	132 kV Transformer protection panel (both HV and LV side) (with automation)	No.	2,314,093	Job	231,409
6.07	33 kV protection panel Bus coupler	No.	595,925	Job	59,593
6.08	33 kV Protection panel for bus transfer (with automation)	No.	595,925	Job	59,593
6.09	33 kV Protection panel for transformer (with automation)	No.	652,697	Job	65,270
7.00	SF6 gas insulated bus coupler bay module				
7.01	245 kV, 1600 A, 50kA, SF6 GIS bus coupler bay module	Set	12,695,772	Job	1,269,577
7.02	245 kV, 2000 A, 50kA, SF6 GIS bus coupler bay module	Set	12,695,772	Job	1,269,577
7.03	245 kV, 1600A, 40kA, SF6 GIS bus coupler bay module	Set	12,695,772	Job	1,269,577
7.04	245 kV, 2000 A, 40kA, SF6 GIS bus coupler bay module	Set	12,695,772	Job	1,269,577
7.05	245 kA, 1600 A, 50kA, SF6/Air Bushing for connecting GIS to AIS	Set	205,699	Job	20,570
7.06	245 kA, 2000 A, 50kA, SF6/Air Bushing for connecting GIS to AIS	Set	205,699	Job	20,570
7.07	245 kA, 1600 A, 40kA, SF6/Air Bushing for connecting GIS to AIS	Set	205,699	Job	20,570
7.08	245 kA, 2000 A, 40kA, SF6/Air Bushing for connecting GIS to AIS	Set	205,699	Job	20,570
7.09	145 kV, 1600 A, 31.5 kA, SF6 GIS ICT feeder bay module	Set	8,314,343	Job	831,434
7.10	145 kV, 1250 A, 31.5kA, SF6 GIS ICT feeder bay module	Set	8,314,343	Job	831,434
7.11	145 kV, 800A, 31.5kA, SF6 GIS ICT feeder bay module	Set	8,314,343	Job	831,434
7.12	145 kV, 600A, 31.5kA, SF6 GIS ICT feeder bay module	Set	8,314,343	Job	831,434
7.13	145kV, 2000A, 31.5kA, SF6 GIS ICT feeder bay module	Set	8,314,343	Job	831,434
7.14	145kV, 1600A, 31.5kA, SF6 GIS Line feeder bay module	Set	8,279,316	Job	827,932
7.15	145kV, 1250A, 31.5kA, SF6 GIS Line feeder bay module	Set	8,279,316	Job	827,932
7.16	145kV, 800A, 31.5kA, SF6 GIS Line feeder bay module	Set	8,279,316	Job	827,932
7.17	145kV, 600A, 31.5kA, SF6 GIS Line feeder bay module	Set	8,279,316	Job	827,932
7.18	145kV, 1250A, 31.5kA, SF6 GIS reactor bay module	Set	6,258,134	Job	625,813
7.19	145kV, 2000A, 31.5kA, SF6 GIS Bus bar module	Set	2,230,704	Job	223,070
7.20	145kV, 1600A, 31.5kA, SF6 GIS Bus bar module	Set	2,230,704	Job	223,070
7.21	145 kV, 1250A, 31.5kA, SF6 GIS Bus bar module	Set	2,230,704	Job	223,070
7.22	145 kV, 800A, 31.5kA, SF6 GIS Bus bar module	Set	2,230,704	Job	223,070
7.23	145kV, 600A, 31.5kA, SF6 GIS Bus bar module	Set	2,230,704	Job	223,070
7.24	145kV, 2000A, 31.5kA, SF6 gas insulated Bus coupler bay module	Set	10,874,571	Job	1,087,457
7.25	145 kV, 1600A, 31.5kA, SF6 gas insulated Bus coupler bay module	Set	10,874,571	Job	1,087,457
7.26	145kV, 1250A, 31.5 kA, SF6 GIS Bus coupler bay module	Set	10,874,571	Job	1,087,457
7.27	145kV, 800A, 31.5kA, SF6 GIS Bus coupler bay module	Set	10,874,571	Job	1,087,457
7.28	145kV, 600A, 31.5kA, SF6 GIS Bus coupler bay module	Set	10,874,571	Job	1,087,457
7.29	145kV, 2000A, 31.5kA, SF6 To Air Bushing	No.	1,000,562	Job	100,056
7.30	145kV, 1600A, 31.5kA, SF6 To Air Bushing	No.	1,000,562	Job	100,056

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S.No	Item Name And Specification	Supply		Erection/work	
		Unit	Unit Rate (in Rs.)	Unit	Unit Rate (in Rs.)
7.31	145kV, 1250A, 31.5kA, SF6/Air Bushing for connecting GIS to AIS along with support structure	No.	1,000,562	Job	100,056
7.32	145kV, 800A, 31.5kA, SF6/Air Bushing for connecting GIS to AIS along with support structure	No.	1,000,562	Job	100,056
7.33	145kV, 600A, 31.5kA, SF6 To Air Bushing	No.	1,000,562	Job	100,056
8.00	Fire Fighting Equipment				
8.01	9 litre water type portable fire extinguisher	No.	3,973	NA	NA
8.02	50 litre foam type trolley/wheel mounted fire extinguisher	No.	30,331	NA	NA
8.03	4.5 kg CO2 type portable fire extinguisher	No.	11,938	NA	NA
8.04	Portable fire extinguisher -DCP type 4.5/5 KG	No.	9,472	NA	NA
8.05	6kg dry chemical powered type portable fire extinguisher	No.	7,557	NA	NA
8.06	Fire Detection and Alarm system for Switchyard panel room of 6m length	Set	15,310	Job	4,593
8.07	Fire Detection and Alarm system for Switchyard panel room of 9m length	Set	17,227	Job	5,168
8.08	Fire Detection and Alarm system for 220kV GIS Hall	Set	125,993	NA	NA
8.09	Indoor Fire Detection and Alarm system for fire fighting pump house building	LS	27,626	NA	NA
8.10	HVW spray system, Hydrant system and complete U/G & O/G piping and accessories etc. out side the pump house for 50 MVA (220 $\sqrt{3}$)/(132 $\sqrt{3}$)/33kV, 3- phase Autotransformer	No	1,194,800	Job	1,77,287
8.11	HVW spray system, Hydrant system and complete U/G & O/G piping and accessories etc. out side the pump house for 10 MVA 33/11kV, 3- phase power transformer including insulating oil	No	1,194,800	Job	1,77,287
8.12	HVW spray system, Hydrant system and complete U/G & O/G piping and accessories etc. out side the pump house for 6.3 MVA 33/11kV, 3- phase power transformer including insulating oil	No	1,194,800	Job	1,77,288
9.00	Testing Equipment				
9.01	Digital IR measurement test kit. 1kV with all necessary accessories	No	131,604	NA	NA
9.02	Digital IR measurement test kit 5kV with all necessary accessories	No	682,318	NA	NA
9.03	Digital IR measurement test kit 15kV with all necessary accessories	No	834,901	NA	NA
9.04	Hand operated IR measurement test kit 500V with all necessary accessories	No	94,930	NA	NA
9.05	Digital Multimeter	No	58686	NA	NA
9.06	Digital clamp meter	No	37,995	NA	NA
9.07	Automatic three phase Transformer turns ratio tester	No	1,144,245	NA	NA
9.08	Automatic Transformer Oil BDV test kit	No	1592231	NA	NA
9.09	Tan delta and capacitance measurement test kit	No	5235269	NA	NA
9.10	Circuit Breaker Operation Analyzer - with Dynamic Contact Resistance measurement & Circuit measurement test kit (industrial)	No	4692279	NA	NA
9.11	DC Winding Resistance measurement test kit and Transformer turn ratio meter measurement test kit and licensed software	No	1,383,636	NA	NA
9.12	Digital Micro Ohm meter measurement test kit with all necessary accessories	No	846137	NA	NA
9.13	Digital multimeter with all necessary accessories	No	103,579	NA	NA
9.14	Digital Earth tester- Battery (Rechargeable) operated Earth Resistance Resistivity tester	No	394308	NA	NA
9.15	SF6 Moisture Content (Dew point) meter	No	418,030	NA	NA
9.16	On line dissolved gas (multi gas) and moisture analyser	No	2,281,431	NA	NA
9.17	Third Harmonic Resistive current measurement test kit with all necessary accessories and licensed software	No	1,615,758	NA	NA
9.18	SF6 Gas leak/leak detector	No	87,915	NA	NA
9.19	Primary Injection test Kit- Rating 2000 Ampere for 3 minute and 1000 Ampere Continues with complete set of cables of sufficient length and transport case including training of departmental personnel at site.	No	3,717,508	NA	NA

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S.No	Item Name And Specification	Supply		Erection/work	
		Unit	Unit Rate (in Rs.)	Unit	Unit Rate (in Rs.)
9.20	Secondary Relay Injection Testing Kit with 7 Independent voltage and 7 Independent current sources. Dedicated module for advance distance and advanced differential operating characteristics & Harmonic Restraint with Laptop and Transport case including training of departmental personnel at site.	No	5156149	NA	NA
9.21	Hand held megger measurement test kit (5kV) with all necessary accessories	No	559,786	NA	NA
9.22	Portable DGA measurement test kit with all necessary accessories and licensed software	No	4,656,591	NA	NA
9.23	1050 GPH filtration machine	No	3,436,815	NA	NA
10.00	Conductors and fittings				
10.01	ACSR Dog Conductor	Metre	190	NA	NA
10.02	ACSR Panther Conductor	Metre	347	NA	NA
10.03	AAAC Panther Conductor	Metre	266	NA	NA
10.04	ACSR Bison Conductor	Metre	410	NA	NA
10.05	ACSR Zebra Conductor	Metre	512	NA	NA
10.06	AAAC Zebra Conductor	Metre	451	NA	NA
10.07	ACSR Moose Conductor	Metre	399	NA	NA
10.08	AAAC Moose Conductor	Metre	390	NA	NA
10.09	ACSR Berkshire Conductor	Metre	645	NA	NA
10.10	AACSR Berkshire Conductor	Metre	693	NA	NA
10.11	ACSR Lapwing Conductor	Metre	798	NA	NA
10.12	ACSR Snowbird Conductor	Metre	507	NA	NA
10.13	AACSR Moose Conductor	Metre	562	NA	NA
10.14	AACSR Earthwire (194.6sq.mm)	Metre	242	NA	NA
11.00	HTLS conductor 220kV and fittings				
11.01	220KV High Temperature Low sag (HTLS) ACCC type conductor	Metre	1,468	NA	NA
11.02	Single - suspension hardware fitting (except clamps)	set	3,789	NA	NA
11.03	Single - Pilot suspension hardware fitting (except clamps)	set	3,789	NA	NA
11.04	Double - suspension hardware fitting (except clamps)	set	8,676	NA	NA
11.05	Single tension hardware fittings (except clamps)	set	3,894	NA	NA
11.06	Double tension hardware fittings (except clamps)	set	9,761	NA	NA
11.07	Suspension clamp suitable for suspension insulator strings	set	14,703	NA	NA
11.08	Suspension clamp suitable for suspension pilot insulator strings	set	12,326	NA	NA
11.09	Dead end clamp for tension insulator strings	set	76,099	NA	NA
12.00	HTLS Zebra Conductor (220kV) and fittings				
12.01	HTLS Zebra Type Conductor (220kV)	Metre	1,154	NA	NA
12.02	Suspension clamp suitable for suspension insulator strings	set	11,423	NA	NA

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S.No	Item Name And Specification	Supply		Erection/work	
		Unit	Unit Rate (in Rs.)	Unit	Unit Rate (in Rs.)
12.03	Suspension clamp suitable for suspension pilot insulator strings	set	7,436	NA	NA
12.04	Dead end clamp for tension insulator strings	set	22,148	NA	NA
12.05	Mid span compression joint	No	16,796	NA	NA
12.06	Repair sleeve	No	1,652	NA	NA
12.07	Vibration damper	No	4,118	NA	NA
13.00	132 kV Panther conductor and fittings				
13.01	HTLS panther type conductor	Meter	493	NA	NA
13.02	Dead end tension clamp suitable for HTLS panther size conductor	set	26,345	NA	NA
13.03	Suspension clamp suitable for HTLS panther size conductor	set	2,386	NA	NA
13.04	Mid span compression joint for HTLS panther size conductor	No	38,171	NA	NA
13.05	Repair sleeve for HTLS panther size conductor	No	1,071	NA	NA
13.06	Vibration damper for HTLS panther size conductor	No	2,147	NA	NA
14.00	BATTERY and Battery charger				
14.01	220V, 300 Ah VRLA type Battery	No	1,095,355	Job	46,101
14.02	220V, 350 Ah VRLA type Battery	No	1,474,225	Job	19,949
14.03	220V, 400 Ah VRLA type Battery	No	1,474,225	Job	39,743
14.04	220V, 500 Ah VRLA type Battery	No	1,593,061	Job	32,295
14.05	220V, 1000 Ah VRLA type Battery	No	3,900,918	Job	32,295
14.06	220V, 1500 Ah VRLA type Battery	No	3,900,918	Job	32,295
14.07	110V, 200 Ah VRLA type Battery	No	1,050,867	Job	26,455
14.08	110V, 250 Ah VRLA type Battery	No	1,050,867	Job	26,455
14.09	110V, 300 Ah VRLA type Battery	No	1,050,867	Job	26,455
14.10	110V, 350 Ah VRLA type Battery	No	1,050,867	Job	26,456
14.11	110V, 400 Ah VRLA type Battery	No	1,050,867	Job	26,455
14.12	110V, 600 Ah VRLA type Battery	No	1,050,867	Job	20,203
14.13	48V, 200 Ah VRLA type Battery	No	262,731	Job	23,547
14.14	48V, 300 Ah VRLA type Battery	No	795,241	Job	23,547
14.15	48V, 400 Ah VRLA type Battery	No	795,241	Job	23,547
14.16	48V, 500 Ah VRLA type Battery	No	795,241	Job	23,547
14.17	48V, 600 Ah VRLA type Battery	No	795,241	Job	23,547
14.18	48V, 800 Ah VRLA type Battery	No	795,241	Job	21,023
14.19	48V, 1000 Ah VRLA type Battery	No	846,083	Job	21,023
14.20	48V, 1500 Ah Battery	No	846,083	Job	4,719
14.21	24V, 80 Ah Battery	No	546,630	Job	4,720
14.22	24V, 86 Ah Battery	No	546,630	Job	4,721
14.23	24V, 150 Ah Battery	No	969,000	Job	4,722
14.24	12 volt battery 150Ah CR 500/CL 500	No	30,322	Job	NA
14.25	220V, 60A/60A Float Cum Boost Battery Charger	No	741,394	Job	4,719
14.26	220V, 80A/80A Float Cum Boost Battery Charger	No	931,116	Job	10,306
14.27	220V, 100A/100A Float Cum Boost Battery Charger	No	931,116	Job	10,306
14.28	220V, 120A/120A Float Cum Boost Battery Charger	No	931,116	Job	10,306
14.29	220V, 150A/150A Float Cum Boost Battery Charger	No	931,116	Job	10,306
14.30	220V, 180A/180A Float Cum Boost Battery Charger	No	931,116	Job	14,917
14.31	110, 50A/50A Float Cum Boost Battery Charger	No	668,348	Job	14,917
14.32	110V, 60A/60A Float Cum Boost Battery Charger	No	668,348	Job	14,917
14.33	110V, 80A/80A Float Cum Boost Battery Charger	No	668,348	Job	14,917
14.34	110V, 100A/100A Float Cum Boost Battery Charger	No	683,077	Job	9,682
14.35	48V, 30A/30A Float Cum Boost Battery Charger	No	523,384	Job	9,682

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S.No	Item Name And Specification	Supply		Erection/work	
		Unit	Unit Rate (in Rs.)	Unit	Unit Rate (in Rs.)
14.36	48V , 40A/40A Float Cum Boost Battery Charger	No	525,384	Job	17,229
14.37	48V , 50A/50A Float Cum Boost Battery Charger	No	525,384	Job	17,229
14.38	48V , 60A/60A Float Cum Boost Battery Charger	No	525,384	Job	17,229
14.39	48V , 70A/70A Float Cum Boost Battery Charger cum DCDB	No	525,384	Job	15,661
14.40	48V , 80A/80A Float Cum Boost Battery Charger	No	525,384	Job	19,417
14.41	48V , 100A/100A Float Cum Boost Battery Charger	No	525,384	Job	19,417
14.42	48V , 120A/120A Float Cum Boost Battery Charger	No	525,384	Job	19,417
14.43	48V , 150A/150A Float Cum Boost Battery Charger	No	525,384	Job	19,417
14.44	12V , 180A/180A Float Cum Boost Battery Charger	No	467,920	Job	19,417
15.00	Power /Distribution Transformers				
15.01	75 MVA 220/11 kV 3-Phase transformer excluding Oil	No	76,638,662.5	Job	4398308
15.02	40 MVA 132/11 kV 3-Phase transformer excluding Oil	No	51,796,743.8	Job	3107805
15.03	35 MVA 220/11 kV 3-Phase transformer excluding Oil	No	46,142,229.8	Job	2768534
15.04	25 MVA 132/11 kV 3-Phase transformer excluding Oil	No	40,562,713.5	Job	2433763
15.05	20 MVA 132/11 kV 3-Phase transformer excluding Oil	No	36,055,792.3	Job	2162148
15.06	12.5 MVA 132/6.6 kV 3-Phase transformer excluding Oil	No	28,500,000.0	Job	1710000
15.07	10 MVA 66/11 kV 3-Phase transformer	No	12,716,079.8	Job	762965
15.08	8.33 MVA 132/33 kV 1-Phase transformer	No	12,211,324.2	Job	732679
15.09	5 MVA 66/11 kV 1-Phase transformer excluding Oil	No	12,431,004.7	Job	765860
15.10	5 MVA 33/11 kV 3-Phase transformer	No	11,222,513.9	Job	673351
16.00	Safety Equipment				
16.01	High Beam Search light range 1 KM	No	3500.00	Job	N/A
16.02	Brass earthing chain 9 mtr long, golden	No	3500	Job	N/A

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Rate Schedule for AIS Equipment for FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
17.00	1100 Volt Cables				
17.01	0.5 sqmm single core copper cable	Meter	13	NA	NA
17.02	0.5 sqmm 2 core copper cable	Meter	36	NA	NA
17.03	0.5 sqmm 3 core copper cable	Meter	48	NA	NA
17.04	0.5 sqmm 4 core copper cable	Meter	59	NA	NA
17.05	0.5 sqmm 5 core copper cable	Meter	79	NA	NA
17.06	0.5 sqmm 6 core copper cable	Meter	90	NA	NA
17.07	0.5 sqmm 7 core copper cable	Meter	89	NA	NA
17.08	0.5 sqmm 8 core copper cable	Meter	114	NA	NA
17.09	0.5 sqmm 10 core copper cable	Meter	148	NA	NA
17.10	0.75 sqmm single core copper cable	Meter	17	NA	NA
17.11	0.75 sqmm 2 core copper cable	Meter	48	NA	NA
17.12	0.75 sqmm 3 core copper cable	Meter	63	NA	NA
17.13	0.75 sqmm 4 core copper cable	Meter	80	NA	NA
17.14	0.75 sqmm 5 core copper cable	Meter	109	NA	NA
17.15	0.75 sqmm 6 core copper cable	Meter	124	NA	NA
17.16	0.75 sqmm 7 core copper cable	Meter	139	NA	NA
17.17	0.75 sqmm 8 core copper cable	Meter	162	NA	NA
17.18	0.75 sqmm 10 core copper cable	Meter	206	NA	NA
17.19	1.00 sqmm single core copper cable	Meter	23	NA	NA
17.20	1.00 sqmm 2 core copper cable	Meter	56	NA	NA
17.21	1.00 sqmm 3 core copper cable	Meter	76	NA	NA
17.22	1.00 sqmm 4 core copper cable	Meter	99	NA	NA
17.23	1.00 sqmm 5 core copper cable	Meter	135	NA	NA
17.24	1.00 sqmm 6 core copper cable	Meter	155	NA	NA
17.25	1.00sqmm 7 core copper cable	Meter	174	NA	NA
17.26	1.00 sqmm 8 core copper cable	Meter	205	NA	NA
17.27	1.00 sqmm 10 core copper cable	Meter	257	NA	NA
17.28	1.50 sqmm single core copper cable	Meter	33	NA	NA
17.29	1.50 sqmm 2 core copper cable	Meter	75	NA	NA
17.30	1.50 sqmm 3 core copper cable	Meter	105	NA	NA
17.31	1.50 sqmm 4 core copper cable	Meter	137	NA	NA
17.32	1.50 sqmm 5 core copper cable	Meter	188	NA	NA
17.33	1.50 sqmm 6 core copper cable	Meter	213	NA	NA
17.34	1.50 sqmm 7 core copper cable	Meter	241	NA	NA
17.35	1.50 sqmm 8 core copper cable	Meter	286	NA	NA
17.36	1.50 sqmm 10 core copper cable	Meter	349	NA	NA
17.37	2.50 sqmm single core copper cable	Meter	54	NA	NA
17.38	2.50 sqmm 2 core copper cable	Meter	122	NA	NA
17.39	2.50 sqmm 3 core copper cable	Meter	169	NA	NA

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17.40	2.50 sqmm 4 core copper cable	Meter	222	NA	NA
17.41	2.50 sqmm 5 core copper cable	Meter	298	NA	NA
17.42	2.50 sqmm 6 core copper cable	Meter	344	NA	NA
17.43	2.50 sqmm 7 core copper cable	Meter	389	NA	NA
17.44	2.50 sqmm 8 core copper cable	Meter	465	NA	NA
17.45	2.50 sqmm 10 core copper cable	Meter	565	NA	NA

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Schedule of Rates for the FY 2026-27								
S. No	Item Name And Specification (With Unit Rates per mtr)							
18.00	HT Single Core Power Cables-Aluminium Conductor A2XWaY							
	Cable (Size in sq. mm)	3.3 kV (E/UE)	6.6 kV (E)	6.6 kV (UE) 11 kV (E)	11 kV (UE)	22 kV (E)	33 kV (E)	33 kV (UE)
18.01	35 sq.mm			668.80				
18.02	50 sq.mm			735.90				
18.03	70 sq.mm	792.00	792.00	841.50				
18.04	95 sq.mm	873.40	873.40	921.80	1206.70	1250.70	1665.40	
18.05	120 sq.mm	982.30	982.30	1045.00	1387.10	1405.80	1837.00	
18.06	150 sq.mm	1098.90	1098.90	1148.40	1503.70	1526.80	1914.00	2289.10
18.07	185 sq.mm	1276.00	1276.00	1376.10	1717.90	1790.80	2128.50	2510.20
18.08	240 sq.mm	1508.10	1508.10	1658.80	1883.20	1928.30	2481.60	2841.30
18.09	300 sq.mm	1738.00	1738.00	1912.90	2146.10	2195.60	2934.80	3158.10
18.10	400 sq.mm	2110.90	2110.90	2286.90	2543.40	2601.50	3356.10	3556.30
18.11	500 sq.mm	2692.80	2692.80	2784.10	3196.60	3196.60	3964.40	4134.90
18.12	630 sq.mm	3252.70	3252.70	3336.30	3776.30	3776.30	4605.70	4794.90
18.13	800 sq.mm	4034.80	4034.80	4207.50	4529.80	4529.80	5450.50	5684.80
18.14	1000 sq.mm	4778.40	4778.40	5251.40	5608.90	5608.90	6646.20	7170.90

Schedule of Rates for the FY 2026-27								
S. No	Item Name And Specification(With Unit Rates per mtr)							
19.00	HT Single Core Power Cables-Aluminium Conductor A2XFaY							
	Cable (Size in sq. mm)	3.3 kV (E/UE)	6.6 kV (E)	6.6 kV (UE) 11 kV (E)	11 kV (UE)	22 kV (E)	33 kV (E)	33 kV (UE)
19.01	35 sq.mm			633.60				
19.02	50 sq.mm			696.30				
19.03	70 sq.mm	756.80	756.80	803.00				
19.04	95 sq.mm	828.30	828.30	877.80	1141.80	1185.80	1585.10	
19.05	120 sq.mm	930.60	930.60	991.10	1322.20	1338.50	1741.30	
19.06	150 sq.mm	1040.60	1040.60	1087.90	1430.00	1455.30	1819.40	2178.00
19.07	185 sq.mm	1213.30	1213.30	1304.60	1661.00	1705.00	2022.90	2383.60
19.08	240 sq.mm	1437.70	1437.70	1580.70	1788.60	1830.40	2355.10	2697.20
19.09	300 sq.mm	1646.70	1646.70	1812.80	2038.30	2085.60	2784.10	2997.50
19.10	400 sq.mm	2002.00	2002.00	2173.60	2420.00	2473.90	3194.40	3381.40
19.11	500 sq.mm	2555.30	2555.30	2649.90	3040.40	3040.40	3764.20	3922.60
19.12	630 sq.mm	3087.70	3087.70	3171.30	3592.60	3592.60	4376.90	4557.30
19.13	800 sq.mm	3837.90	3837.90	3890.70	4303.20	4303.20	5181.00	5406.50
19.14	1000 sq.mm	4539.70	4539.70	4985.20	5333.90	5333.90	6339.30	6814.50

Schedule of Rates for the FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
24	MS Angles				
24.01	MS Angle 40X40X5 mm	Ton	92670	NA	NA
24.02	MS Angle 50X50X6 mm	Ton	92670	NA	NA
24.03	MS Angle 65X65X6 mm	Ton	92670	NA	NA
24.04	MS Angle 75X75X6 mm	Ton	92670	NA	NA
24.05	MS Angle 75X75X8 mm	Ton	92670	NA	NA
24.06	MS Channel 100X50 mm	Ton	92670	NA	NA
24.07	MS Channel 125X65 mm	Ton	92670	NA	NA
24.08	MS Channel 150X75 mm	Ton	92670	NA	NA
24.09	MS Round 20 mm	Ton	92670	NA	NA
24.10	MS Round 32 mm	Ton	92670	NA	NA
25	Poles, Channel & Rails				
25.01	PCC Pole 8.5 M	Nos.	4096	NA	NA
25.02	PCC Pole 9.0 M	Nos.	4884	NA	NA
25.03	Rail 90 lbs. 8.5 to 11 M	ton	92670	NA	NA
25.04	Rail 90 lbs. Above 11 M	ton	92670	NA	NA
25.05	Rail 105 lbs 8.5 to 11 M	ton	92670	NA	NA
25.06	Rail 105 lbs above 11 M	ton	92670	NA	NA
25.07	R.S. Joist 100X116 mm 10 to 11 M	ton	92670	NA	NA
25.08	R.S. Joist 150X150 mm 8.5 to 11 M	ton	92670	NA	NA
25.09	R.S. Joist 175X85 sq. mm 8.5 to 11 M	ton	92670	NA	NA
25.10	STP 8M-IS 410 SP-10(Street pole)	Nos.	5738	NA	NA
25.11	STP 8.5 M-IS 410 SP-21(Street pole)	Nos.	10572	NA	NA
25.12	STP 8.5 M-IS 410 SP-23(Street pole)	Nos.	12129	NA	NA
25.13	STP 9.0 M-IS 410 SP-33(Street pole)	Nos.	13440	NA	NA
25.14	STP 10.0 M-IS 410 SP-45(Street pole)	Nos.	19447	NA	NA
25.15	STP 11.0 M-IS 410 SP-55(Street pole)	Nos.	23232	NA	NA
25.16	STP 11.0 M-IS 410 SP-72(Street pole)	Nos.	30099	NA	NA
25.17	8 Mtr Long STP 410 SP-10(Bottom portion hot dip Galvanized)	Nos.	9469	NA	NA
25.18	8.5 Mtr. Long STP 410 SP-21(Bottom portion hot dip Galvanized)	Nos.	12267	NA	NA
25.19	8.5 Mtr. Long STP 410 SP-23 (Bottom portion hot dip Galvanized)	Nos.	21167	NA	NA
25.20	9 Mtr. Long STP 410 SP-33 (Bottom portion hot dip Galvanized)	Nos.	22877	NA	NA

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Schedule of Rates for the FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
25.21	11 Mr. Long STP 410 SP-55 (Bottom portion hot dip Galvanized)	Nos.	31569	NA	NA
25.22	11 Mr. Long STP 410 SP-72 (Bottom portion hot dip Galvanized)	Nos.	48079	NA	NA
25.23	X Arm Angle 65X65X6 mm V type 11 kV	Nos.	1027	NA	NA
25.24	X Arm Channel 100X50 mm V type 33 kV	Nos.	1867	NA	NA
26	Insulator and earthing				
26.01	Disc Insulator B & S 7000 kg.	Nos.	508	NA	NA
26.02	Disc Insulator B&S 120 KN	Nos.	1465	NA	NA
26.03	Disc Insulator T & C 4500 kg.	Nos.	508	NA	NA
26.04	Pin Insulator 11 kV	Nos.	110	NA	NA
26.05	Pin Insulator 33 kV	Nos.	424	NA	NA
26.06	Post Insulator 33 kV	Nos.	1926	NA	NA
26.07	11 kV Pin with Nut	Nos.	127	NA	NA
26.08	33 kV Pin with Nut	Nos.	356	NA	NA
26.09	11 kV Polymer Pin Insulator with Pin	Nos.	264	NA	NA
26.10	33 kV 10 KN Polymer Pin Insulator with Pin	Nos.	628	NA	NA
26.11	11 kV Polymer Disc Insulator (B&S) Type	Nos.	208	NA	NA
26.12	33 kV Polymer Disc Insulator (B&S) Type	Nos.	393	NA	NA
26.13	Disc Fitting B & S Dog/Racoon 70 KN	Nos.	949	NA	NA
26.14	Disc Fitting B & S Weasel/Rabbit 45 KN	Nos.	454	NA	NA
26.15	Disc Fit. T & C Rabbit/Weasel/30 KN	Nos.	273	NA	NA
26.16	Disc Fit. B & S Rabbit/Weasel/30 KN	Nos.	332	NA	NA
26.17	Disc fitting (B&S) type 90 kN for Panther	Nos.	1467	NA	NA
26.18	Disc fitting (B&S) Panther 70KN (Tension)	Nos.	1169	NA	NA
26.19	Stay Set GI 16X1800mm	Nos.	915	NA	NA
26.20	Stay Set GI 20X1800mm	Nos.	1271	NA	NA

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S. No	Item Name And Specification(With Unit Rates per mtr)							
20.00	HT Three Core Power Cables-Aluminium Conductor A2XFY							
	Cable (Size in sq. mm)	3.3 kV (E/T)	6.6 kV (E)	6.6 kV (UE) 11 kV (E)	11 kV (UE)	22 kV (E)	33 kV (E)	33 kV (UE)
20.01	35 sq.mm			1372.80				
20.02	50 sq.mm			1613.70				
20.03	70 sq.mm	1813.90	1813.90	1932.70				
20.04	95 sq.mm	2046.00	2046.00	2235.20	2816.00	3098.70	4068.00	
20.05	120 sq.mm	2477.20	2477.20	2651.00	3334.10	3439.70	4439.60	
20.06	150 sq.mm	2908.40	2908.40	3066.80	3681.70	3929.20	4962.10	5661.70
20.07	185 sq.mm	3335.20	3335.20	3538.70	4220.70	4387.90	5426.30	6212.80
20.08	240 sq.mm	4066.70	4066.70	4270.20	5116.10	5302.00	6301.90	6877.20
20.09	300 sq.mm	4862.00	4862.00	5053.40	5836.60	6007.10	6974.00	7860.60
20.10	400 sq.mm	6166.60	6166.60	6306.30	6823.30	7117.00	8357.80	9355.50

S. No	Item Name And Specification(With Unit Rates per mtr)										
21.00	LT Power Cables- Aluminium Conductor										
	Un Armoured					Armoured					
	Cable (Size in sq. mm)	Core-1 A2XY	Core-2 A2XY	Core-3 A2XY	Core-3.5 A2XY	Core-4 A2XY	Core-1 A2XYWa Y A2XFaY	Core-2 A2XYW aY A2XFY	Core-3 A2XYW aY A2XFY	Core-3.5 A2XYWa Y A2XFY	Core-4 A2XYWa Y A2XFY
21.01	4 sq.mm		88.00	110.00		132.00		152.00	172.00		202.00
21.02	6 sq.mm		134.20	160.60		195.80		218.90	236.50		283.80
21.03	10 sq.mm		195.80	218.90		257.40		276.10	301.40		342.10
21.04	16 sq.mm	93.50	199.10	246.40		326.70	171.60	280.50	312.40		409.20
21.05	25 sq.mm	146.30	237.40	347.60	441.10	463.10	223.30	327.80	400.40	471.90	501.60
21.06	35 sq.mm	180.40	337.70	478.50	518.10	574.20	266.30	383.90	526.90	583.00	660.00
21.07	50 sq.mm	231.00	422.40	589.60	702.90	768.90	321.20	488.40	682.00	781.00	855.80
21.08	70 sq.mm	306.90	609.40	848.10	959.20	1104.40	411.40	684.20	911.90	1056.00	1163.80
21.09	95 sq.mm	402.60	708.40	1031.80	1219.90	1315.60	457.60	821.70	1138.50	1320.00	1474.00
21.1	120 sq.mm	481.80	882.20	1347.50	1568.60	1596.10	552.20	1001.00	1421.20	1620.30	1826.00
21.11	150 sq.mm	579.70	1097.80	1554.30	1835.90	1977.80	650.10	1256.20	1683.00	1903.00	2178.00
21.12	185 sq.mm	711.70	1309.00	1939.10	2347.40	2446.40	796.40	1499.30	2112.00	2407.90	2669.70
21.13	240 sq.mm	840.40	1712.70	2528.90	2817.10	3260.40	1010.90	1918.40	2700.30	3091.00	3542.00
21.14	300 sq.mm	1047.20	2092.20	3098.70	3650.90	3971.00	1243.00	2337.50	3344.00	3777.40	4466.00
21.15	400 sq.mm	1313.40	2612.50	3866.50	4562.80	5228.30	1568.60	2876.50	4334.00	4829.00	5676.00
21.16	500 sq.mm	1719.30	3397.90	5476.90	6420.70	7291.90	1916.20	4071.10	5746.40	6660.50	7704.40
21.17	630 sq.mm	2159.30	4327.40	7213.80	8517.30	9759.20	2359.50	5124.90	7502.00	8867.10	10190.40
21.18	800 sq.mm	2743.40					2939.20				
21.19	1000 sq.mm	3529.90					3713.60				

S. No	Item Name And Specification(With Unit Rates per mtr)
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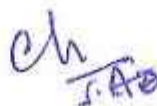







22.00	LT Power Cables- Copper Conductor										
	Un Armoured					Armoured					
	Cable (Size in sq. mm)	Core-1 2XY	Core-2 2XY	Core-3 2XY	Core-3.5 2XY	Core-4 2XY	Core-1 2XWwY 2XFwY	Core-2 2XWY 2XFY	Core-3 2XWY 2XFY	Core-3.5 2XWY 2XFY	Core-4 2XWY 2XFY
22.01	4 sq.mm		283.00	399.00		486.00		330.00	442.00		552.00
22.02	6 sq.mm		437.80	622.60		756.80		496.10	672.10		866.80
22.03	10 sq.mm		760.10	1045.00		1249.60		789.80	1080.20		1415.00
22.04	16 sq.mm	362.10	1007.60	1547.70		1910.40	672.10	1100.00	1614.80		2079.00
22.05	25 sq.mm	887.70	1669.80	2325.40	2596.00	3042.60	1916.40	1774.80	2458.20	2956.80	3739.20
22.06	35 sq.mm	1202.30	2259.20	3181.20	3645.20	4250.40	1568.40	2412.20	3405.60	3863.20	4479.20
22.07	50 sq.mm	1721.20	3143.80	4413.20	5203.00	5780.20	1923.20	3265.20	4691.20	5432.20	6184.20
22.08	70 sq.mm	2395.80	4172.20	6284.20	7485.20	8198.20	2659.20	4514.20	6620.20	7782.20	9197.20
22.09	95 sq.mm	3494.20	6215.00	9584.20	11112.20	12362.20	3661.20	6586.20	9786.20	11165.00	12798.20
22.1	120 sq.mm	4374.20	7601.20	11276.20	14504.20	15563.20	4543.20	7852.20	12066.20	14740.20	16780.20
22.11	150 sq.mm	5380.20	9316.20	14320.20	16401.20	19236.20	5568.20	9832.20	14961.20	17901.20	19662.20
22.12	185 sq.mm	6666.20	11737.20	17689.20	20721.20	24442.20	6809.20	12171.20	18775.20	21925.20	24946.20
22.13	240 sq.mm	8585.20	15028.20	23459.20	27355.20	31497.20	8681.20	15681.20	24393.20	28208.20	32146.20
22.14	300 sq.mm	10758.20	18725.20	28638.20	33716.20	38923.20	10964.20	19860.20	30263.20	35481.20	40895.20
22.15	400 sq.mm	14166.20	24994.20	36659.20	41992.20	49018.20	14716.20	27018.20	39916.20	45683.20	52335.20
22.16	500 sq.mm	18071.20					18191.20				
22.17	630 sq.mm	22751.20					22872.20				
22.18	800 sq.mm	28815.20					28948.20				
22.19	1000 sq.mm	36026.20					36289.20				

S. No	Item Name And Specification (With Unit Rates per mtr)									
23.00	LT Control Cables- Copper Conductor									
	Number of Cores	UN ARMOURED 2XY		ARMOURED- 2XWY/2XRY		Number of Cores	UN ARMOURED 2XY		ARMOURED- 2XWY/2XFY	
		1.5 sq. mm	2.5 sq. mm	1.5 sq. mm	2.5 sq. mm		1.5 sq. mm	2.5 sq. mm	1.5 sq. mm	2.5 sq. mm
23.01	2C	144.1	206.8	194.7	267.3	14C	689.7	1238.6	833.8	1302.4
23.02	3C	180.4	290.4	236.3	346.3	16C	829.4	1419	935	1478.4
23.03	4C	233.2	379.5	291.5	434.3	19C	993.3	1709.4	1109.9	1772.1
23.04	5C	286	463.1	348.7	515.9	24C	1257.3	2159.3	1389.3	2210.8
23.05	6C	337.7	524.7	410.3	611.6	27C	1378.3	2656.5	1531.2	2758.6
23.06	7C	389.4	630.3	457.6	694.1	30C	1631.3	2973.3	1763.9	3205.4
23.07	8C	519.2	728.2	589.6	799.7	37C	2185.7	3491.4	2303.4	3729
23.08	10C	603.9	909.7	666.6	1003.2	44C	2640	4087.6	2863.3	4492.4
23.09	12C	623.7	1100	731.5	1151.7	61C	3978.7	5819	4178.9	6396.5

Schedule of Rates for the FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
26.21	Stay Wire GI 7/3.15mm 7/10SWG	Kg.	137	NA	NA
26.22	Stay Wire GI 7/4.0 mm 7/8 SWG	Kg.	129	NA	NA
26.23	Earth Wire GI 7/1.6mm 16 SWG	Kg.	136	NA	NA
26.24	Earthing Rod MS 20X2500mm	Nos.	623	NA	NA
26.25	GI Earthing Strip 35x6	Kg.	115	NA	NA
26.26	GI Wire 3.15mm/10mm SWG	Kg.	120	NA	NA
26.27	GI Wire 4mm/ 8mm SWG	Kg.	132	NA	NA
26.28	GI Wire 5mm/6 SWG	Kg.	132	NA	NA
27	Various meters				
27.01	Electronic kWh Meter 1 Phase x 2 Wire 5-30 Amp with Box	Nos.	942	NA	NA
27.02	Electronic kWh Meter 1 Phase x 2 Wire 10-60 Amp with Box	Nos.	941	NA	NA
27.03	Electronic kWh Meter 3PX4W 10-60 Amp with Box	Nos.	2381	NA	NA
27.04	ABT Meter	Nos.	55285	NA	NA
27.05	3 Phase 4 W CT/PT operated AMR Compatible fully static DSM compatible ABT Meter	Nos.	206910	NA	NA
27.06	3 Phase 4 W CT/PT operated AMR Compatible fully static CT Meter Category A ICS ETD-13, 6211 COSEM Standard	Nos.	3762	NA	NA
27.07	Display Unit, Suitable for Pre-paid Meter	Nos.	962	NA	NA
27.08	Pillar Meter Box S/P & 3P	Nos.	1191	NA	NA
27.09	Electronic 3Ph.4 Wire I.T TVM RS-232 Port	Nos.	3511	NA	NA
27.10	Electronic Static TVM 11 kV RS-232 Port	Nos.	3539	NA	NA
27.11	Electronic Static TVM 33 kV -232 Port	Nos.	3373	NA	NA
27.12	Electronic Static TVM 33 kV -485 Port	Nos.	5079	NA	NA
27.13	Three Phase DLMS Compliant LT Tri-Vector Meter(40-200A)with inbuilt CT and inbuilt modem	Nos.	21017	NA	NA
27.14	Single Phase smart Streetlight management system with box	Nos.	5392	NA	NA
27.15	Single Phase SPG 10-60A Whole Current Meter	Nos.	2500	NA	NA
27.16	Three Phase 10-16 SPG Whole current meter	Nos.	7148	NA	NA
27.17	11 kV TVM SPG Meter	Nos.	13857	NA	NA
27.18	33 kV TVM SPG Meter	Nos.	15637	NA	NA

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Schedule of Rates for the FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
27.19	Common Meter Reading Instrument with Hardware & Software	Nos.	35513	NA	NA
27.20	LT Puffer Resistant MC CTR for all ratio (C.T. Accuracy Class-1)	Nos.	7251	NA	NA
27.21	DT Meter Category A ICS ETD-13, 6211 COSEM Standard	Nos.	3477	NA	NA
27.22	SMC Metering Cubical alongwith LT CTR for DT Metering	Nos.	7251	NA	NA
27.23	AMR Compatible Static 3P4W Tri Vector Energy 33 kV incoming / outgoing feeders meters of accuracy class 0.5	Nos.	4699	NA	NA
27.24	AMR Compatible Static 3P4W Tri Vector Energy 33 kV import / export boundary points meters of accuracy class 0.5	Nos.	4721	NA	NA
27.25	AMR Compatible Static 3P4W Tri Vector Energy 11 kV incoming / outgoing feeders meters of accuracy class 0.5	Nos.	4699	NA	NA
27.26	AMR Compatible Static 3P4W Tri Vector Energy 11 kV import / export boundary points meters of accuracy class 0.5	Nos.	4721	NA	NA
27.27	AMR Compatible Static 3P4W Tri Vector Energy Distribution Transformer meters of accuracy class 0.5	Nos.	4215	NA	NA
28	Cubical and Distribution boards				
28.01	11 kV Puffer Resistant Metering Cubical	Nos.	44983	NA	NA
28.02	33 kV Puffer Resistant Metering Cubical	Nos.	127034	NA	NA
28.03	DTR Capacitor Bank 25 kVA(5 kVAR)	Nos.	5894	NA	NA
28.04	DTR Capacitor Bank 63 kVA(10 kVAR)	Nos.	8653	NA	NA
28.05	DTR Capacitor Bank 100 kVA(15 kVAR)	Nos.	9280	NA	NA
28.06	DTR Capacitor Bank 160 kVA(30 kVAR)	Nos.	17556	NA	NA
28.07	DTR Capacitor Bank 250 kVA(50 kVAR)	Nos.	38874	NA	NA
28.08	DTR Capacitor Bank 400 kVA(80 kVAR)	Nos.	65208	NA	NA
28.09	DTR Capacitor Bank 630 kVA(120 kVAR)	Nos.	97812	NA	NA
28.10	DTR Capacitor Bank 1000 kVA(200 kVAR)	Nos.	156750	NA	NA
28.11	DTR LT Distribution Boxes 25 kVA	Nos.	10157	NA	NA
28.12	DTR LT Distribution Boxes 63 kVA	Nos.	17556	NA	NA
28.13	DTR LT Distribution Boxes 100 kVA	Nos.	46398	NA	NA
28.14	DTR LT Distribution Boxes 160 kVA	Nos.	66462	NA	NA
28.15	DTR LT Distribution Boxes 250 kVA	Nos.	95304	NA	NA
28.16	DTR LT Distribution Boxes 400 kVA	Nos.	176814	NA	NA
28.17	DTR LT Distribution Boxes 630 kVA	Nos.	185492	NA	NA
28.18	DTR LT Distribution Boxes 1000 kVA	Nos.	242022	NA	NA
28.19	DTR 160 A Outgoing MCCB	Nos.	10910	NA	NA
28.20	DTR 250 A Outgoing MCCB	Nos.	22196	NA	NA
28.21	DTR Metering Cubical 100/5A	Nos.	13543	NA	NA
28.22	DTR Metering Cubical 200/5A	Nos.	13543	NA	NA
28.23	DTR Metering Cubical 400/5A	Nos.	13543	NA	NA

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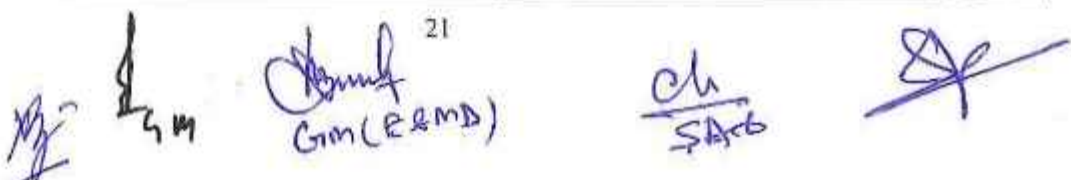
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Schedule of Rates for the FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
28.24	DTR Metering Cubical 600/5A	Nos.	13543	NA	NA
28.25	DTR Metering Cubical 1000/5A	Nos.	13794	NA	NA
28.26	DTR Metering Cubical 1600/5A	Nos.	13794	NA	NA
28.27	11 kV Gang Operating 400A GO Switch	Nos.	8552	NA	NA
28.28	33 kV Fuse Set	Nos.	14528	NA	NA
28.29	20 mm PVC Conduit Pipes	Mtr.	13	NA	NA
28.30	6 A, Single Pole 10 KA MCBs	Nos.	71	NA	NA
28.31	24V DCDB	Nos.	46398	NA	NA
28.32	48V DCDB	Nos.	80256	NA	NA
28.33	110V DCDB	Nos.	55803	NA	NA
28.34	24V DCDB	Nos.	46398	NA	NA
28.35	33 kV SF-6 CB 1250A	Nos.	298701	NA	NA
28.36	Control Panel Inc 33kV Single T/F	Nos.	158004	NA	NA
28.37	Control Panel Inc 33kV Double T/F	Nos.	220478	NA	NA
28.38	Control Panel FDR 33 kV Single CKT	Nos.	117320	NA	NA
28.39	Control Panel FDR 33 kV Double CKT	Nos.	199762	NA	NA
28.40	11 kV Outdoor Pole Mounted (CT PT Combined) with Meter Box, 3 Phase	Nos.	29469	Job	2946.9
28.41	33 kV Outdoor Pole Mounted (CT PT Combined) with Meter Box Power (kw): 100VA and 3 Phase	Nos.	85272	Job	8527.2
28.42	Relay Numerical 33 kV FPR	Nos.	63954	NA	NA
28.43	10 MVAR Capacitor Bank (2x5)	Nos.	3486120	NA	NA
29	Vacuum Circuit breakers				
29.01	11 kV VCB I/C 350 MVA, 600/300/5A, 110V AC	Nos.	474012	NA	NA
29.02	11 kV VCB FDR 500 MVA, 800/400/5A, 110V AC	Nos.	487069	NA	NA
29.03	11 kV VCB FDR 350/500 MVA, 400/200/5A, 110V AC	Nos.	415094	NA	NA
29.04	11 kV VCB B/C 350/500MVA	Nos.	424416	NA	NA
29.05	33 kV VCB, 1250A, 24V	Nos.	290641	NA	NA
29.06	33 kV 1250A 3 P Indoor VCB, (SCADA Operated) I/C	Nos.	1170622	NA	NA
29.07	33 kV 1250A 3 P Indoor VCB, (SCADA Operated) O/G	Nos.	1142775	NA	NA
29.08	33 kV 1250A 3 P Indoor VCB, (SCADA Operated) Bus Coupler	Nos.	918554	NA	NA
29.09	33 kV 1250A 3 P Indoor VCB, (SCADA Operated) PT Pannel	Nos.	562106	NA	NA
30	Junction box				
30.01	Junction Box For 33kV CT	Nos.	3978	NA	NA
30.02	Junction Box For 33kV PT	Nos.	4514	NA	NA
30.03	Jointing kit for 3x50 Sq.mm 11 kV XLPE Cable (I/D)	Nos.	5984	NA	NA



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Schedule of Rates for the FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
30.04	Jointing kit for 3x70 Sq.mm 11 kV XLPE Cable (I/D)	Nos.	6271	NA	NA
30.05	Jointing kit for 3x120 Sq.mm 11 kV XLPE Cable (I/D)	Nos.	6920	NA	NA
30.06	Jointing kit for 3x150 Sq.mm 11 kV XLPE Cable (I/D)	Nos.	6946	NA	NA
30.07	Jointing kit for 3x185 Sq.mm 11 kV XLPE Cable (I/D)	Nos.	7002	NA	NA
30.08	Jointing kit for 3x240 Sq.mm 11 kV XLPE Cable (I/D)	Nos.	7549	NA	NA
30.09	Jointing kit for 3x300 Sq.mm 11 kV XLPE Cable (I/D)	Nos.	8056	NA	NA
30.10	Jointing kit for 3x400 Sq.mm 11 kV XLPE Cable (I/D)	Nos.	8683	NA	NA
30.11	Jointing kit for 3x50 Sq.mm 11 kV XLPE Cable (O/D)	Nos.	6536	NA	NA
30.12	Jointing kit for 3x70 Sq.mm 11 kV XLPE Cable (O/D)	Nos.	6927	NA	NA
30.13	Jointing kit for 3x120 Sq.mm 11 kV XLPE Cable (O/D)	Nos.	7500	NA	NA
30.14	Jointing kit for 3x150 Sq.mm 11 kV XLPE Cable (O/D)	Nos.	7886	NA	NA
30.15	Jointing kit for 3x185 Sq.mm 11 kV XLPE Cable (O/D)	Nos.	8131	NA	NA
30.16	Jointing kit for 3x240 Sq.mm 11 kV XLPE Cable (O/D)	Nos.	8819	NA	NA
30.17	Jointing kit for 3x300 Sq.mm 11 kV XLPE Cable (O/D)	Nos.	9033	NA	NA
30.18	Jointing kit for 3x400 Sq.mm 11 kV XLPE Cable (O/D)	Nos.	9476	NA	NA
30.19	Jointing kit for 3x120 Sq.mm 33 kV XLPE Cable (I/D)	Nos.	23829	NA	NA
30.20	Jointing kit for 3x185 Sq.mm 33 kV XLPE Cable (I/D)	Nos.	24541	NA	NA
30.21	Jointing kit for 3x300 Sq.mm 33 kV XLPE Cable (I/D)	Nos.	26308	NA	NA
30.22	Jointing kit for 3x400 Sq.mm 33 kV XLPE Cable (I/D)	Nos.	27426	NA	NA
30.23	Jointing kit for 3x120 Sq.mm 33 kV XLPE Cable (O/D)	Nos.	29653	NA	NA
30.24	Jointing kit for 3x185 Sq.mm 33 kV XLPE Cable (O/D)	Nos.	29599	NA	NA
30.25	Jointing kit for 3x300 Sq.mm 33 kV XLPE Cable (O/D)	Nos.	30925	NA	NA
30.26	Jointing kit for 3x400 Sq.mm 33 kV XLPE Cable (O/D)	Nos.	31837	NA	NA
30.27	33 kV Outdoor Pole Mounted (CT PT Combined)with Meter	Nos.	90609	NA	NA
30.28	11kV Outdoor Pole Mounted (CT PT Combined)with Meter	Nos.	32767	NA	NA
31	Rates of other misc equipment/items				
31.01	Markeen cloth	Per Mtr.	43	Per Mtr.	NA
31.02	Inverter 10 kVA	Nos.	123380	NA	NA
31.03	COTTON WASTE FABRIC	Per Kg	76	NA	NA
31.04	COTTON WASTE YARN	Per Kg	81	NA	NA
31.05	LED street light 45 watt.	No	3915	NA	NA
31.06	20W LED tube light	No	280	NA	NA
31.07	25W LED Bulb	No	461	NA	NA
31.08	150 watt LED Street Light	No	10068	NA	NA

Schedule of Rates for the FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
31.09	LED street light 60watt.	No	4288	NA	NA
31.1	20 watt LED Street Light	No	1585	NA	NA
31.11	LED 150 watt flood light	No	10767	NA	NA
31.12	20W LED tube light	No	280	NA	NA
31.13	Main MCCB 160A 3P	EA	16500	NA	NA
31.14	3 Pole MPCB 4 -6.3 Amp	NO	16500	NA	NA
31.15	Aux contactor with 230 V AC coil supply	NO	11000	NA	NA
31.16	Thermal OLR (80-110 A)	NO	16500	NA	NA
31.17	Power Contactor AC-1:125A, 3phase, 415V,	NO	17600	NA	NA
31.18	Auxiliary contactor, 3NO+ INC	NO	1100	NA	NA
31.19	Contactor 3TP 220V, AC	PC	2750	NA	NA
31.2	Contact Block NO+ NC	NO	1100	NA	NA
31.21	Auxillary contact Block NO Type	PC	1100	NA	NA
31.22	MCB 2 pole 6Amp, Breaking Capacity : 10	NO	1100	NA	NA
31.23	DC MCB 6A DOUBLE POLE	NO	2200	NA	NA
31.24	MCB 3POLE 63 AMP 415V AC	NO	1980	NA	NA
31.25	MCB 10A 415 Volt	EA	2365	NA	NA
31.26	contactor with 230 V AC 75 Amp	NO	14273	NA	NA
31.27	Aux Contactor Relay 110 V DC 3NO+ INC	NO	16500	NA	NA
32.00	Transformer Oil/Servo Oil				
32.01	T/F Oil (Parafinic) New	Ltr.	134.50	NA	NA
32.02	T/F Oil (Napthenic) New	Ltr.	165	NA	NA
32.03	Gear Oil(HP-140)	Ltr.	206	NA	NA
32.04	Servo prime -46	L	150	NA	NA
32.05	Turbine Oil (Servo Prime-57)	EA	149	NA	NA
32.06	Grease Servo gem-2	L	287	NA	NA
32.07	Servo Press 220	L	182	NA	NA
32.08	Servo prime -46	L	150	NA	NA
32.09	Mobil oil (Servo super MG-20-40	KG	171	NA	NA
32.10	Servo prime -46	L	150	NA	NA
32.11	servo prime 68	L	150	NA	NA
32.12	Servo gem 3 grease	KG	309	NA	NA
32.13	Turbine Oil (Servo Prime-57)	EA	149	NA	NA
32.14	Turbine Oil (Servo Prime-57)	EA	149	NA	NA
33.00	Mechanical Tools and Equipments				
33.01	HEX BOLT Ø10 x 40	Per Piece	20	Per Piece	NA
33.02	HEX BOLT Ø10 x 50	Per Piece	22	Per Piece	NA

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Schedule of Rates for the FY 2026-27

S. No	Item Name And Specification	Supply		Erection	
		UNIT	Unit Rate (in Rs.)	UNIT	Unit Rate (in Rs.)
33.03	HEX BOLT Ø10 x 75	Per Piece	38	Per Piece	NA
33.04	HEX BOLT Ø12 x 50	Per Piece	38	Per Piece	NA
33.05	HEX BOLT Ø16 x 50	Per Piece	121	Per Piece	NA
33.06	HEX BOLT Ø20 x 50	Per Piece	124	Per Piece	NA
33.07	HEX BOLT Ø24 x 50	Per Piece	213	Per Piece	NA
33.08	HEX BOLT Ø06 x 50	Per Piece	8	Per Piece	NA
33.09	HEX BOLT Ø08 x 50	Per Piece	12	Per Piece	NA
33.10	HEX BOLT Ø08 x 75	Per Piece	9	Per Piece	NA
33.11	Brass Gate Valve 15mm size female thread	Per Piece	1012	Per Piece	NA
33.12	BUTTER FLY VALVE 100 MM DIA.	Per Piece	277992	Per Piece	NA
33.13	BUTTER FLY VALVE 150 MM DIA.	Per Piece	24138	Per Piece	NA
33.14	BUTTER FLY VALVE 80 MM DIA.	Per Piece	216216	Per Piece	NA
33.15	COPPER WASHER ID 12 MM, 2 MM THICK	Per Piece	148	Per Piece	NA
33.16	COPPER WASHER ID 16 MM, 2 MM THICK	Per Piece	162	Per Piece	NA
33.17	COPPER WASHER ID 20 MM, 2 MM THICK	Per Piece	189	Per Piece	NA
33.18	COPPER WASHER ID 06 MM, 2 MM THICK	Per Piece	54	Per Piece	NA
33.19	COPPER WASHER ID 08 MM, 2 MM THICK	Per Piece	81	Per Piece	NA
33.20	CRC LECTRA CLEAN 350 GMS	Per Piece	455	Per Piece	NA
33.21	HEX BOLT Ø06 x 75	Per Piece	11	Per Piece	NA
33.22	HT bolt full threaded 34x65 mm	Per Piece	133	Per Piece	NA
33.23	Miox tape	Per Roll	120	Per Roll	NA
33.24	NEOPRENE RUBBER CHORD Ø 7.5 MM	Per Piece	61	Per Piece	NA
33.25	NEOPRENE RUBBER CHORD Ø 7 MM	Per Piece	58	Per Piece	NA
33.26	NEOPRENE RUBBER SHEET (1M X 2M X 5MM)	Per Piece	3949	Per Piece	NA
33.27	PRESSURE GAUGE (0.40)	Kg/cm ²	6412	Kg/cm ²	NA
33.28	Steel Screw 19 mm	Per Piece	3	Per Piece	NA
33.29	Steel Screw 25 mm	Per Piece	3	Per Piece	NA
33.30	Steel Screw 38 mm	Per Piece	3	Per Piece	NA
33.31	THREAD LOCKER (LOCTITE 290)	Per Piece	1012	Per Piece	NA
33.32	U Clamp with bolt nut	Per Piece	400	Per Piece	NA
33.33	White Gland Seal (16 mm)	Per Kg.	1592	Per Kg.	NA

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Schedule of Rates for the FY 2026-27

NOTE – Rates from Item Nos 34.01 to 40.125 are Inclusive of Taxes.

S. No	Description	Unit	Rate
34	WIRING IN STEEL & PVC CONDUIT		
34.01	Wiring for light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit , with piano type switch , phenolic laminated sheet , suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc as required		
	Group A = 2x3+1x1.5+0.38 (Wastage @ 5%) = 7.88 m Group B = 2x4+1x2+.38 (Wastage @ 5%) = 10.88 m Group C = 2x5+1x2.5=12.5+0.65 (Wastage @ 5%) = 13.15 m		
34.02	Group A	Point	1417
34.03	Group B	Point	1661
34.04	Group C	Point	2078
34.05	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit , 2 way piano type switch , phenolic laminated sheet , suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	2090
34.06	Wiring for light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit , with modular switch , modular plate , suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required .		
34.07	Group A	Point	1440
34.08	Group B	Point	1684
34.09	Group C	Point	2101
34.1	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit , 2 way modular switch, modular plate , suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc .as required.		
34.11	Wiring for light / power plug with 2X4 sq . mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit alongwith 1 No. 4 sq . mm FRLS PVC insulated copper conductor single core cable for loop earthing as required .	Point	2242
34.12	Wiring for light / power plug with 4X4 sq . mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit alongwith 2 Nos. 4 sq . mm FRLS PVC insulated copper conductor single core cable for loop earthing as required .	Point	480
34.13	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.	Point	724

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34.14	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Meter	370
34.15	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Meter	414
34.16	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	476
34.17	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	652
34.18	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	Meter	778
34.19	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	Meter	1020
34.2	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	Meter	621
34.21	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	Meter	744
34.22	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Meter	1001
34.23	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Meter	1253
34.24	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	Meter	1760
34.25	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.		
34.26	Group A	Point	1166
34.27	Group B	Point	1339
34.28	Group C	Point	1680
34.29	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	Point	1693
34.3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.		
34.31	Group A	Point	1189
34.32	Group B	Point	1362
34.33	Group C	Point	1704
34.34	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	1803

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34.35	Wiring for light / power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface /recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Meter	373
34.36	Wiring for light / power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required .	Meter	587
34.37	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor , single core cable in surface / recessed medium class PVC conduit as required .		
34.38	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Meter	267
34.39	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Meter	311
34.4	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	373
34.41	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	482
34.42	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	Meter	621
34.43	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	Meter	832
34.44	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	Meter	452
34.45	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	Meter	587
34.46	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Meter	813
34.47	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Meter	1078
34.48	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	Meter	1454
34.49	Rewiring for light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface / recessed steel / PVC conduit including dismantling as required .		
34.5	Group A	Point	687
34.51	Group B	Point	752
34.52	Group C	Point	1064
34.53	Rewiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface / recessed steel / PVC conduit including dismantling as required .	Point	1064
34.54	Supplying and drawing following sizes of FRLS PVC insulated copper conductor , single core cable in the existing surface / recessed steel / PVC conduit as required .		
34.55	1 X 1.5 sq. mm	Meter	51
34.56	2 X 1.5 sq. mm	Meter	77
34.57	3 X 1.5 sq. mm	Meter	104
34.58	4 x 1.5 sq. mm	Metre	130

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34.59	5 x 1.5 sq. mm	Metre	169
34.6	6 x 1.5 sq. mm	Metre	195
34.61	7 x 1.5 sq. mm	Metre	234
34.62	8 x 1.5 sq. mm	Metre	260
34.63	9 x 1.5 sq. mm	Metre	311
34.64	10 x 1.5 sq. mm	Metre	338
34.65	2 x 2.5 sq. mm	Metre	107
34.66	3 x 2.5 sq. mm	Metre	148
34.67	4 x 2.5 sq. mm	Metre	189
34.68	5 x 2.5 sq. mm	Metre	242
34.69	6 x 2.5 sq. mm	Metre	283
34.7	7 x 2.5 sq. mm	Metre	337
34.71	8 x 2.5 sq. mm	Metre	378
34.72	9 x 2.5 sq. mm	Metre	443
34.73	10 x 2.5 sq. mm	Metre	484
34.74	2 x 4 sq. mm	Metre	160
34.75	3 x 4 sq. mm	Metre	222
34.76	4 x 4 sq. mm	Metre	296
34.77	5 x 4 sq. mm	Metre	362
34.78	6 x 4 sq. mm	Metre	424
34.79	7 x 4 sq. mm	Metre	488
34.8	8 x 4 sq. mm	Metre	550
34.81	9 x 4 sq. mm	Metre	616
34.82	10 x 4 sq. mm	Metre	690
34.83	2 x 6 sq. mm	Metre	2354
34.84	3 x 6 sq. mm	Metre	326
34.85	4 x 6 sq. mm	Metre	431
34.86	5 x 6 sq. mm	Metre	524
34.87	6 x 6 sq. mm	Metre	641
34.88	7 x 6 sq. mm	Metre	733
34.89	8 x 6 sq. mm	Metre	838
34.9	9 x 6 sq. mm	Metre	930
34.91	10 x 6 sq. mm	Metre	1029

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34.92	Supplying and drawing following pair 0.5mm dia PRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.		
34.93	1 Pair	Metre	33
34.94	2 Pair	Metre	39
34.95	4 Pair	Metre	53
34.96	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing	Metre	54
34.97	Supplying and fixing of following sizes of steel conduit along with accessories in surface / recess including painting in case of surface conduit , or cutting the wall and making good the same in case of recessed conduit as required		
34.98	20 mm	Meter	254
34.99	25 mm	Meter	289
34.100	32 mm	Meter	360
34.101	40 mm	Meter	515
34.102	50 mm	Meter	634
34.103	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required		
34.104	20 mm	Meter	151
34.105	25 mm	Meter	168
34.106	32 mm	Meter	209
34.107	40 mm	Meter	257
34.108	50 mm	Meter	316
34.109	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.		
34.110	75mm x 75mm x 60mm deep	Each	213
34.111	100mm x 100mm x 60mm deep	Each	245
34.112	150mm x 75mm x 60mm deep	Each	252
34.113	150mm x 150mm x 60mm deep	Each	360
34.114	180mm x 100mm x 60mm deep	Each	282
34.115	200mm x 125mm x 60mm deep	Each	372
34.116	200mm x 150mm x 60mm deep	Each	406
34.117	200mm x 150mm x 75mm deep	Each	414

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34.118	200mm x 250mm x 60mm deep	Each	528
34.119	200mm x 250mm x 75mm deep	Each	549
34.120	200mm x 150mm x 100mm deep	Each	469
34.121	200mm x 250mm x 100mm deep	Each	568
34.122	200mm x 300mm x 60mm deep	Each	587
34.123	200mm x 300mm x 100mm deep	Each	625
34.124	250mm x 300mm x 60mm deep	Each	673
34.125	250mm x 300mm x 100mm deep	Each	721
34.126	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required.		
34.127	5/6 amps switch	Each	63
34.128	2 way 5/6 A switch	Each	75
34.129	15/16A switch	Each	140
34.130	3 pin 5/6 A socket outlet	Each	81
34.131	8 pin 15/16 A socket outlet	Each	156
34.132	Telephone socket outlet	Each	127
34.133	TV antenna socket outlet	Each	112
34.134	Bell push	Each	100
34.135	Supplying and fixing following modular switch/socket on the existing modular plate & switche box including connections but excluding modular plate etc. as required.		
34.136	5/6 A switch	Each	121
34.137	2 way 5/6 switch	Each	168
34.138	15/16 A switch	Each	176
34.139	3 pin 5/6 A socket outlet	Each	136
34.140	6 pin 15/16 A socket outlet	Each	219
34.141	Telephone socket outlet	Each	168
34.142	TV antenna socket outlet	Each	168
34.143	Bell push	Each	159
34.144	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	402
34.145	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	47

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34.146	Supplying and fixing size/modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.		
34.147	1 or 2 Module (75mm X 75mm)	Each	354
34.148	3 Module (100mm X 75mm)	Each	384
34.149	4 Module (125mm X 75mm)	Each	401
34.150	6 Module (200mm X 75mm)	Each	462
34.151	8 Module (125mm X 125mm)	Each	517
34.152	12 Module (200mm X 150mm)	Each	614
34.153	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.		
34.154	1 or 2 Module	Each	156
34.155	3 Module	Each	175
34.156	4 Module	Each	182
34.157	6 Module	Each	207
34.158	8 Module	Each	238
34.159	12 Module	Each	301
34.160	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch , connections , painting etc. as required .	Each	423
34.161	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/ 16 A piano type switch, connections, painting etc. as required.	Each	558
34.162	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Each	545
34.163	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	659
34.164	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	Each	104
34.165	Supplying and fixing brass batten/ angle holder including connection etc. as required.	Each	154
34.166	Installation ,Teating, Commissioning of wall bracket/ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	Each	151



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34.167	Supplying and fixing stiff pendent with 300 mm long, 20 mm dia X 1.6 mm thick steel conduit, aluminium cast back plate and brass holder complete, including wiring the down rod with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and painting etc. as required.	Each	353
34.168	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	Each	112
34.169	Providing and fixing plain 16/0.20mm (0.50sqmm) twin flat flexible, FRLS PVC insulated, copper conductor cable, in PVC sleeve of suitable size on the floor/ wall, or side of the table/ door etc. As required.	Meter	47
34.170	Providing and fixing plain 16/0.20mm (0.50sqmm) twin circular flexible FRLS PVC insulated, PVC sheathed copper conductor cable direct on the wall with PVC clips etc. as required.	Meter	40
34.171	Providing and fixing extra conduit down rod of 20 mm dia ; 2 X 10 cm length , wiring with 2 X 1.5 sq . mm FRLS PVC insulated , copper conductor , single core cable including painting etc. as required . (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	
34.172	Installation , testing and commissioning of ceiling fan , including wiring the down rods of standard length (upto 30 cm) with 1.5 sq . mm FRLS PVC insulated , copper conductor , single core cable etc. as required	Each	259
34.173	Installation , testing and commissioning of ceiling fan , including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FRLS PVC insulated , copper conductor , single core cable , including providing and fixing phenolic laminated sheet cover of the fan box etc. as required	Each	556
34.174	Supplying and fixing extra down rod mm dia , heavy gauge including painting etc. as required . (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	64
34.175	Supplying and fixing extra conduit down rod of 20 cm length G.I. pipe 15 mm dia , heavy gauge including painting etc. as required . (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	60.32
34.176	Installation of exhaust fan in the existing opening , including making good the damage , connection , testing , commissioning etc. as required		
34.177	Upto 450 mm sweep	Each	522
34.178	510 mm sweep	Each	746
34.179	Extra for fixing the louvers / shutters complete with frame for a exhaust fan of all sizes .	Each	240
34.180	Painting of ceiling fan in installed position with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade , including cleaning of surface with detergent etc. as required .	Each	179


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34.181	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface / recessed Steel / PVC conduit as required .		
34.182	1 run of cable	Meter	66
34.183	2 run of cable	Meter	111
34.184	3 run of cable	Meter	155
34.185	Wiring for group controlled (looped) light point / fan point / exhaust fan point / call bell point (without independent switch etc.) with 1.5 sq . mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit , and earthing the point with 1.5 sq . mm FRLS PVC insulated copper conductor single core cable etc. as required		
34.186	Group A	Point	901
34.187	Group B	Point	1089
34.188	Group C	Point	1269
34.189	Wiring for group controlled (looped) light point / fan point / exhaust fan point / call bell point (without independent switch etc.) with 1.5 sq . mm FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit , and earthing the point with 1.5 sq . mm FRLS PVC insulated copper conductor single core cable etc. as required.		
34.190	Group A	Point	753
34.191	Group B	Point	873
34.192	Group C	Point	995
34.193	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess , including providing and fixing 2 nos . 3 pin 5/6 A modular socket outlet and 2 nos . 5/6 A modular switch , connections etc. as required . (For light plugs to be used in non residential buildings).	Each	784
34.194	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB , " C " curve including connections, painting etc. as required .	Each	843
34.195	Supplying and fixing PVC batten / angle holder including connections etc. as required .	Each	128
34.196	Dismantling of ceiling fan and painting the same with with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade , including cleaning of surface with detergent and replacing the damaged rubber reel , nuts and bolts with washers and safety pins , reinstalling the same as required .	Each	303
35	Fixing work with different materials		
35.01	Providing & Fixing of Powder coated CRCA sheet enclosures on existing angle iron frame by means of nuts and bolts and making holes , Din rail etc.		
35.02	1.0mmthick	Sqm.	1446

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35.03	1.6mmthick	Sqm.	1959
35.04	2.0mmthick	Sqm.	2370
35.05	2.5mmthick	Sqm.	2787
35.06	Providing & Fixing of M.S. flat as per IS: 2062-2011 on existing angle iron frame and making required no. of holes for fixing accessories including one coat of redoxide paintand two coats of enamel paint etc. as required.		
35.07	25 mmx3 mm	Mtr.	66
35.08	25 mmx5 mm	Mtr.	105
35.09	32 mmx5 mm	Mtr.	133
35.10	40 mmx6 mm	Mtr.	162
35.11	50 mmx6 mm	Mtr.	240
35.12	50 mmx 10 mm	Mtr.	382
35.13	Providing & Fixing of paper phenolic resin bouded laminates confirming to IS:2036-1995 for boxes/frames including making holes for switches etc,with brass/zinc plated screws, washers, nut and bolts as required.		
35.14	3.0mm thick	Sq.m	974
35.15	4.8mm thick	Sq.m	1151
35.16	6.4mm thick	Sq.m	1302
35.17	9.0mm thick	Sq.m	1658
35.18	12.0 mm thick	Sq.m	2207
35.19	19.0 mm thick	Sq.m	3435
35.20	25.0 mm thick	Sq.m	6200
35.21	Providing & Fixing of phenolic laminated sheet 2.0 mm thick of following size Including screws, cup washer as required.		
35.22	75 mmdia	Each	9
35.23	100 mmdia.	Each	15
35.24	Providing & Fixing of P.V.C. sheet 2.0 mm thick of following size Including screws, cup washer as required.		
35.25	75mmdia.	Each	5
35.26	100 mmdia.	Each	9
35.27	Providing & Fixing of Aluminium sheet 1.0 m thick of following size dia. Including screws,cup washer as required.		
35.28	75mmdia.	Each	6
35.29	100 mmdia.	Each	10

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35.30	Providing & Fixing of surface/recessed type 10 mm thick wood board duly anti-termite treated, varnished and fixed by using gutties/ PVC fasteners of following size as required.		
35.31	150 mm x 75mm	Each	27
35.32	100 mm x 100 mm	Each	28
35.33	100 mm x 175 mm	Each	37
35.34	200 mm x 250 mm	Each	56
35.35	250 mm x 300 mm	Each	70
35.36	300 mm x 375 mm	Each	83
35.37	375 mm x 450 mm	Each	106
35.38	450 mm x 600 mm	Each	148
35.39	P&F 18 swg M.S. Recessed fan box, hexagonal/round of size 130 mm dia, depth 75mm, 12 mm dia rod fan hook with 100 mm length extended on each side .	Each	116
35.40	P&F 20 swg M.S. Recessed concealed box, round of size 150 mm dia, depth 100 mm complete as required.	Each	94
35.41	Labour charges for dismantling of surface PVC/Steel conduit including wiring in conduit, conduit fittings and depositing the same with listing of material in store.	R.Mtr.	10
35.42	Labour charges for dismantling of surface/recessed switch board of any size and depositing the same with listing of material in store.	Each	4
35.43	Labour charges for dismantling of switch accessories like switch, socket, ceiling rose, holder and depositing the same with listing of material in store.	Each	4
35.44	Labour charges for dismantling of wiring in existing conduit of following size and depositing the same with listing of material in store.		
35.45	up to 2.5sq.mm.wire	R.Mtr.	3
35.46	4/6sq.mm.wire	R.Mtr.	4
35.47	10sq.mm.wire	R.Mtr.	5
35.48	P&F 3.0 mm thick Polypropelene plastic polished concealed fan box, square of size(106x106)mm dia,depth 50mm,10mm dia rod of SS with platinum coated with 55 mm length extended on each side .	Each	122
36	Distribution Board & it's Accessories		
	Providing & Fixing of 240/415 V AC MCB with positive isolation of breaking capacity not less than 10KA (B/C tripping characteristic as per type of load and site requirement) 4KV impulse with stand voltage for electrical Works with ISI marked IS 8828(1996) /conforming to IEC 60898-1 2002, IEC 60947-2, low watt losses, trip free mechanism , energy limiting of class 3 as per IEC, minimum phase termination capacity of 35sq.mm. , conductor line load reversibility, label holding facility , IP 20 contact protection and fitted with existing distribution board/sheets, min. operation 20,000 upto 32 A rating and 10,000 upto 63 A, 5000 for 80 A rating including making connections, testing etc. as required.		

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Single pole MCB			
36.01	0.5A to 2 A rating	Each	268
36.02	3A to 5A rating	Each	256
36.03	6A to 32A rating	Each	181
36.04	40A rating	Each	362
36.05	50A/63A rating	Each	396
36.06	80A rating	Each	1387
Double pole MCB			
36.07	0.5A to 2A rating	Each	651
36.08	3A to 5A rating	Each	642
36.09	6A to 32A rating	Each	517
36.10	40A rating	Each	791
36.11	50A to 63A rating	Each	851
36.12	80A rating	Each	3018
Triple pole MCB			
36.13	0.5A to 5A rating	Each	818
36.14	6A to 32A rating	Each	812
36.15	40A rating	Each	1169
36.16	50-63A rating	Each	1220
36.17	80A rating	Each	4137
36.18	100A rating	Each	4571
Four pole MCB			
36.19	0.5A to 5 A rating	Each	1309
36.20	6A to 32A rating	Each	1133
36.21	40A rating	Each	1545
36.22	50-63A rating	Each	1614
36.23	80A rating	Each	5500
36.24	100A rating	Each	5996

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	Providing & Fixing of 240/415VACMCB with positive isolation of breaking capacity not less than 10 KA (D curve tripping characteristic as per site requirement) 4KV impulse with stand voltage for electrical Works with ISI marked IS 8828(1996) / conforming to IEC:60898-12002,IEC60947-2,low watt losses,trip free mechanism, energy limiting of class 3 as per IEC, minimum phase termination capacity of 35 sq.mm., conductor line load reversibility, label holding facility , IP 20 contact protection and fitted with existing distribution board/sheets, min. operation 20,000 upto 32 A rating and10,000 upto 63 A, 5000 for 80 A rating including making connections, testing etc. as required.		
Triple pole MCB			
36.25	0.5A to 5 A rating	Each	861
36.26	6Ato32 A rating	Each	852
36.27	40 A rating	Each	1229
36.28	50A/63A rating	Each	1289
	Providing & Fixing of 240/415 V isolator for electrical Works with ISI marked IS:13947-III/conforming to IEC 60947-3, suitable for AC 22A utilization category, 4KV impulse with stand voltage, true contact indication, Red colour dolly/lever shall have single mould covering over all poles for operation , two positions in rail mounting, minimum phase termination capacity of 35 sq.mm. , label holding facility , IP 20 contact protection and fitted with existing distribution board / sheet including making connections, testing etc. as required.		
Double pole isolator			
36.29	30A/40A rating	Each	320
36.30	63A rating	Each	408
36.31	80A/100A rating	Each	528
Triple pole Isolator			
36.32	40A rating	Each	604
36.33	63A rating	Each	698
36.34	80A/100A rating	Each	840
Four pole Isolator			
36.35	40A rating	Each	697
36.36	63A rating	Each	753
36.37	80A/100A rating	Each	963

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	Providing & Fixing of 240/415V factory fitted RCBO with overload, short-circuit and earth leakage protection for electrical Works with ISI marked (IS 12640-2)/ conforming to IEC 61009-1, breaking capacity 10 KA, true position indication and trip free mechanism, line load reversibility, provision for padlock, min. operation 10,000 upto 63 A rating and 5000 for 80 A-100A rating, minimum phase termination capacity of 35sq.mm. ,IP 20 contact protection with existing distribution board /sheet including making connections,testing etc.		
Two pole 30mA sensitivity			
36.38	6A-32A rating	Each	2505
36.39	40A rating	Each	2898
36.40	63A rating	Each	3360
Two pole 100/300mA sensitivity			
36.41	6A-32A rating	Each	2641
36.42	40A rating	Each	3087
36.43	63A rating	Each	3584
Four pole 30mA sensitivity			
36.44	6A-32A rating	Each	3282
36.45	40A rating	Each	3453
36.46	63A rating	Each	3966
Four pole 100/300mA sensitivity			
36.47	6A-32A rating	Each	3367
36.48	40A rating	Each	3490
36.49	63A rating	Each	3984
	Providing & Fixing of 240/415V Residual current circuit breaker(RCCB) for electrical Works with ISI marked (IS:12640-1)/conforming to IEC 61008-1, rated conditionals/current of 10KA, truly current operated and shall operate on CHCT mechanism, provision for pad lock,min. operation 10,000 upto 63 A rating and 5000 for 100A rating, minimum phase termination capacity of 50 sq.mm. rigid wire, IP 20 contact protection with existing distribution board/sheet including making connections, testing etc.		
Two pole 30mA sensitivity			
36.50	16/25A rating	Each	2094
36.51	32/40A rating	Each	2109
36.52	63A rating	Each	2756
Two pole 100/300mA sensitivity			
36.53	16/25A rating	Each	2034
36.54	40A rating	Each	2086

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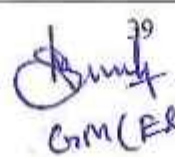



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36.55	63A rating	Each	2752
Four pole 30mA sensitivity			
36.56	25A rating	Each	2597
36.57	40A rating	Each	2631
36.58	63A rating	Each	2768
36.59	100A rating	Each	6540
Four pole 100/300mA sensitivity			
36.60	25A rating	Each	2528
36.61	40A rating	Each	2571
36.62	63A rating	Each	2733
36.63	100A rating	Each	6625
<p>Providing & Fixing of IK09 recessed/surface mounting heavy duty horizontal type sheet steel of 1.6 mm thick Distribution board for electrical Works ISI marked conforming to IS-13032&IS-8623/conforming to IEC 61439-3. Phosphatised/ powder painted complete with suitable rating insulated copper busbar,shorting link , neutral link, earth link , connecting wire of suitable rating and din bar,masking sheet, including making internal DB terminations with copper lugs and with detachable gland plate,including making connections, testing etc.</p>			
IP-43 Double door(single phase)			
36.64	4Way(4 O/G +2 I/C)	Each	949
36.65	6Way(6 O/G +2 I/C)	Each	1035
36.66	8Way(8 O/G +2 I/C)	Each	1215
36.67	12Way(12O/G +2I/C)	Each	1411
36.68	16Way(16O/G +2I/C)	Each	1830
IP-43Double door (Three phase)			
36.69	4 Way(12 O/G+8 I/C)	Each	2044
36.70	6 Way(18 O/G+8 I/C)	Each	2446
36.71	8 Way(24 O/G+8 I/C)	Each	3028
36.72	12Way(36 O/G+ 8 I/C)	Each	4492
<p>Providing & Fixing of IK09 recessed/surface mounting heavy duty Flexi/Row TPN sheet steel 1.6 mm thick Distribution board for electrical Works ISI marked conforming to IS-13032 & IS-8623/conforming to IEC 61439-3. Phosphatised/ powder painted complete with suitable rating insulated copper bus bar,shorting link , neutral link, earth link and din bar,masking sheet, including making internal DB terminations with copper lugs and with detachable gland plate, testing etc.</p>			
IP-43 Double door			

36.73	2 Row 28 Module (14 module per row)	Each	2959
36.74	3 Row 42 Module (14 module per row)	Each	3524
36.75	4 Row 56 Module(14 module per row)	Each	4063
36.76	4 Row 64 Module(16 module per row)	Each	4507
	Providing & Fixing of recessed/surface mounting type sheet steel / Plastic enclosure for electrical Works conforming to IEC 61439-3 of 1.6 mm thick for housing MCB / Isolator with Din rail including.		
	With sheet steel enclosure		
36.77	One way	Each	245
36.78	Two way	Each	356
36.79	Four way	Each	364
	With plastic enclosure		
36.80	One way	Each	116
36.81	Two way	Each	147
36.82	Four way	Each	212
	Providing & Fixing of metal clad industrial plug top & socket unit with pin and sleeve type copper contact on porcelain/bakelite base in sheet steel (CRCA) powder coated enclosure		
36.83	20A Double Pole (single phase Three pin)	Each	1017
36.84	20A (Three phase Three pole)	Each	1848
36.85	30A-32A(three phase Three pole)	Each	2173
36.86	63A (Three phase Five pin 3P+N+E))	Each	7660
	Providing & Fixing of Industrial plug and socket as per IEC 60309-1/2 made out of self extinguishing engineering polymer /polyamide, nickel plated brass sleeve and pins, socket with shutter including making connection etc as required complete in all respect.		
	Panel mounted socket		
36.87	16A 3pin (2P+E)	Each	560
36.88	32A 3 pin(2P+E)	Each	661
36.89	32A 5 pin(3P+N+E)	Each	870
36.90	63A 5 pin(3P+N+E)	Each	2112
	Surface/Wall mounted socket		
36.91	16A 3 pin(2P+E)	Each	752
36.92	32A 3 pin(2P+E)	Each	915
36.93	32A 5 pin(3P+N+E)	Each	1174
36.94	63A 5 pin(3P+N+E)	Each	2677
	Plug top		
36.95	16A 3 pin(2P+E)	Each	445

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36.96	32A 3 pin(2P+E)	Each	718
36.97	32A 5 pin(3P+N+E)	Each	769
36.98	63A 5 pin(3P+N+E)	Each	1947
	Providing & Fixing of IK09 rating recessed/surface mounting heavy duty Vertical type sheet steel 1.6 mm thick Distribution board for electrical Works ISI marked conforming to IS-13032 & IS-8623/conforming to IEC61439-3 with provision of incomer suitable for MCB / RCCB and SP / TP MCB as outgoing , phosphatised, powder painted complete with insulated suitable rating copper bus bar , neutral link, earth link and din bar,masking sheet,including making internal DB terminations with copper lugs and with detachable gland plate , testing etc. as required complete in all respect.		
IP-43Double door			
36.99	4 Way (8+12)	Each	5262
36.100	6 Way(8+18)	Each	6118
36.101	8 Way(8+24)	Each	6451
	Providing & Fixing of IK 09 rating recessed/surface mounting heavy duty Vertical type sheet steel 1.6 mm thick Distribution board for electrical Works ISI marked conforming to IS-13032 & IS-8623/conforming to IEC61439-3 with provision of incomer suitable for MCCB and SP/TPMC outgoing, phosphatised, powder painted complete with insulated suitable rating copper bus bar , neutral link, earth link and din bar,masking sheet,including making internal DB terminations with copper lugs and with detachable gland plate, testing etc. as required complete in all respect.		
IP43-Double door with Provision of Incomer MCCB 100/125/160A Rating			
36.102	4Way	Each	5776
36.103	6Way	Each	6864
36.104	8Way	Each	7248
36.105	12Way	Each	9962
IP-43Double door with Provision of Incomer MCCB200/ 250A Rating			
36.106	4Way	Each	11683
36.107	6Way	Each	12470
36.108	8Way	Each	12667
36.109	12Way	Each	13694
	Providing & Fixing of recessed/surface mounting heavy duty sheet steel 1.6mm thick End Box for electrical Works for distribution board duty phophatised powder coated complete as required.		
36.110	For TPN 4 way DB	Each	555
36.111	For TPN 6 way DB	Each	607
36.112	For TPN 8 way DB	Each	649
36.113	For TPN 12 way DB	Each	864
36.114	For all others VTPNDB	Each	1335
37	Electrical Accessories		

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37.01	Providing & Fixing of ISI marked (IS:3854)6 amp. flush type non modular switch for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, minimum width of switch toggle (PUSH PART) should not less then 18 mm, brass terminal & captive screws including cutting hole in tile and making connection testing etc. as required.	Each	23
37.02	Providing & Fixing of ISI marked (IS:3854)16 amp. flush type non modular switch for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, minimum width of switch toggle should not less then 18 mm, brass terminal & captive screws including cutting hole in tile and making connection testing etc.	Each	59
37.03	Providing & Fixing of 3 pin 6amp. flush type non modular socket for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal with Porcelain based back cover & captive screws including cutting hole in tile and making connection testing etc. as required.	Each	28
37.04	Providing & Fixing of 3/6pin 16amp flush type non modular socket for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal with Porcelain based back cover & captive screws including cutting hole in tile and making connection testing etc. as required.	Each	61
37.05	Providing & Fixing of ISI marked (IS:3854)non modular 6A bell push surface type for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, minimum width of switch toggle(PUSH PART) should not less then 18 mm, brass terminal & captive screws including making connection testing etc. as required.	Each	26
37.06	Providing & Fixing of ISI marked (IS:3854) twin control non modular 6A switch surface type for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, minimum width of switch toggle should not less then 18 mm,brass terminal & captive screws including making connection testing etc. as required.	Each	36
37.07	Providing & Fixing of ISI marked(IS:3854) non modular 6A bell push flush type for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, minimum width of switch toggle (PUSH PART) should not the less then 18 mm, brass terminal & captive screws including cutting hole in tile and making connection testing etc.	Each	26
37.08	Providing & Fixing of ISI marked (IS:3854)non modular 6A twin control switch flush type for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material,minimum width of switch toggle should not less then 18 mm, brass terminal & captive screws including cutting hole in tile and making connection testing etc.	Each	26
37.09	Providing & Fixing of ISI marked non modular 6A hanging bell push/on away switch made out from industrial grade Polycarbonate or fire resistant ABS material,minimum width of switch toggle(PUSH PART) should not less then 18 mm,brass terminal & captive screws including making connection testing etc. as required.	Each	27

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37.10	Providing & Fixing of ISI marked (IS:3854)6amp. Combined flush type non modular socket and switch set for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, minimum width of switch toggle(PUSH PART) should not less than 18mm, brass terminal with Porcelain based back cover & captive screws including cutting hole in tile and making connection testing etc. as required.	Each	103
37.11	Providing & Fixing of ISI marked (IS:3854)16 amp. Combined flush type non-modular socket and switch set with indicator and fuse set for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal with Porcelain based back cover & captive screws including cutting hole in tile and making connection testing etc. as required.	Each	152
37.12	Providing and fixing of non modular power plug point accessories for electrical Works with 18 SWG GI box of size 175 x 100 x 60 mm with earthing terminal/connector on recessed/surface with suitable size phenolic laminated sheet (IS : 2036 -1995) cover including cost of 16 amp. Switch (IS :3854) and 3/6 pin 16 amp. socket outlet .	Each	254
37.13	Providing & Fixing of ISI marked (IS:371) 6 amp surface type 3 pin ceiling roses for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal & captive screws including making connection testing etc. as required.	Each	23
37.14	Providing & Fixing of ISI marked (IS:1258) 6amp batten/angle lamp holder for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal & captive screws including making connection testing etc. as required.	Each	24
37.15	Providing & Fixing of ISI marked (IS:1293) 6amp unbreakable 3 pin plug top with lamp indicator for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal including making connection testing etc. as required.	Each	37
37.16	Providing & Fixing of ISI marked (IS:1293) 16 amp unbreakable 3 pin plug top with lamp indicator for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal including making connection testing etc. as required.	Each	57
37.17	Providing & Fixing of flush type non-modular 2 pin telephone socket with plug top for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminals including making connection testing etc.	Each	46
37.18	Providing & Fixing of flush type non modular single line telephone jack for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, including making connection testing etc. as required.	Each	60
37.19	Providing & Fixing of flush type non-modular double line telephone jack for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, including making connection testing etc. as required.	Each	70
37.20	Providing & Fixing of flush type non modular coaxial T.V. socket for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, including making connection testing etc. as required.	Each	31

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37.21	Providing & Fixing of non-modular socket size flush type 120 watt rotary minimum 5 step fan regulator for electrical Works, ISI marked (IS:11037) made out from industrial grade Polycarbonate or fire resistant ABS material including making connection testing etc. as required.	Each	172
37.22	Providing & Fixing of non modular socket size flush type 180 watt rotary minimum 5 step fan regulator for electrical Works, ISI marked (IS:11037) made out from industrial grade Polycarbonate or fire resistant ABS material including making connection testing etc. as required.	Each	204
37.23	Providing & Fixing of non modular Switch size flush type 100 watt rotary Minimum 5 step fan regulator for electrical Works, ISI marked (IS:11037) made out from industrial grade Polycarbonate or fire resistant ABS material including making connection testing etc. as required.	Each	147
37.24	Providing & Fixing of 100 watt non modular switch type dimmer ISI marked (IS :11037) for electrical Works,made out from industrial grade Polycarbonate or fire resistant ABS material including making connection testing etc. as required.	Each	151
37.25	Providing & Fixing of Socket size 200 watt non modular flush type dimmer ISI marked (IS :11037) for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material including making connection testing etc. as required.	Each	177
37.26	Providing & Fixing of ISI marked(IS:2268-1994) gong bell for electrical Works, including making connection testing etc. as required.	Each	85
37.27	Providing & Fixing of ISI marked surface type buzzer for electrical Works,(IS:2268-1994)including making connection testing etc. as required.	Each	63
37.28	Providing & Fixing of ISI marked(IS:2268-1994)single/ multi tone electronic call bell for electrical Works, including making connection testing etc. as required.	Each	259
37.29	Providing & Fixing of ISI marked (IS:2268-1994) ding dong/musical chime bell for electrical Works, including making connection testing etc. as required.	Each	135
37.30	Providing & Fixing of office one module call bell system comprising of indicator for electrical Works,push to reset switch house din pvc/metallic sheet including making connection testing etc. as required.	Each	125
37.31	Providing & Fixing of 3Way Connector equivalent to 3pin ceiling rose for False Ceiling for electrical Works,made out from industrial grade Polycarbonate or fire resistant ABS material.	Each	27
37.32	Providing & Fixing of 3 Wire Shorting Connectors for Neutral or Phase for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material.	Each	28
37.33	Providing & Fixing of 5 Wire Shorting Connectors for Neutral or Phase for electrical Works,made out from industrial grade Polycarbonate or fire resistant ABS material.	Each	38


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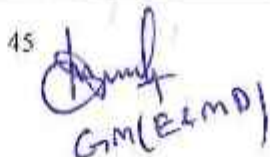



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	Providing & Fixing of modular type switch/bell push duly ISI marked(IS:3854) for electrical Works,made out of unbreakable and fire retardant vergin polycarbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating , minimum width of 1 module switch toggle(PUSHPART) should not less then 20mm.		
37.34	6A one way switch	Each	65
37.35	6A two way switch	Each	93
37.36	6A bell push	Each	103
37.37	16Amp. 1 Module switch With LEDIndicator	Each	133
37.38	25Amp. 1 Module switch With LEDIndicator	Each	182
37.39	32Amp. 2 Module switch With LEDIndicator	Each	339
	Providing & Fixing of modular type lock able feature socket duly ISI marked(IS:1293) for electrical Works, made out of unbreakable and fire retardant vergin polycarbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating,minimum width of 1 module switch toggle (PUSH PART) should not less then 20mm.		
37.40	6A 3 pin shuttered socket	Each	110
37.41	16A 6 pin shuttered socket	Each	165
37.42	13A flat pin international socket	Each	168
37.43	25Amp. 2 Module Socket	Each	207
	Providing & Fixing of modular type Step fan regulator duly ISI marked(IS:11037) for electrical Works,made out of unbreakable and fire retardant vergin polycarbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating , minimum width of 1 module switch toggle (PUSH PART) should not less then 20mm.		
37.44	5 step fan regulator 100 watt 2 Module	Each	396
37.45	5 step fan regulator 100 watt 1 Module	Each	290
37.46	Dimmer 300-500 watt 2 Module	Each	373
37.47	Dimmer 300-500 watt 1 Module	Each	262
	Providing & Fixing of following modular accessories for electrical Works, made out of unbreakable and fire retardant vergin polycarbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating , minimum width of 1 module switch toggle(PUSH PART) should not less then 20mm.		
37.48	2 pin Telephone socket	Each	130
37.49	RJ-11 telephone jack single two line	Each	89
37.50	USB Charger 1A-1M	Each	477
37.51	RJ-45 computer jack with shutter	Each	258
37.52	T.V.coaxial socket	Each	93
37.53	Blanking plate	Each	19
37.54	25Amp. 2 Module Motor Starter with on/ off Push button	Each	343
37.55	LEDskirting/Foot Light2/3 Module	Each	319
37.56	Electronic Chime/Buzzer2M	Each	179
37.57	Modular MCB6 Ato32 ASP(IS:8832marked)	Each	190
37.58	Modular MCB6 Ato32 ADP(IS:8832marked)	Each	419

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	Providing & Fixing of following size mounting grid plate switch cover plates for electrical Works, made from fire retardant UV established high performance engineering plastic suitable for all universal metal boxes for front installation & removal direct fit type complete in all respect.		
37.59	1/2 Module	Each	61
37.60	3 Module	Each	80
37.61	4 Module	Each	83
37.62	5 Module	Each	98
37.63	6 Module	Each	106
37.64	8 Module	Each	151
37.65	10 Module	Each	182
37.66	12 Module	Each	195
37.67	16/18 Module	Each	301
	Providing & Fixing of following size hot dip galvanized M.S. box of 18 SWG for electrical Works, with earthing terminal in recess/ surface suitable for modular accessories as required.		
37.68	1-2 Module	Each	68
37.69	3 Module	Each	94
37.70	4/5 Module	Each	108
37.71	6/8 module	Each	163
37.72	10 /12 module	Each	245
37.73	16/18 module	Each	346
	Providing & Fixing of following size polycarbonate modular boxes for electrical Works, as per IS 14772-2000 in recess/ surface suitable for modular accessories as required.		
37.74	1-2-3 Module	Each	69
37.75	4-5 Module	Each	117
37.76	6-8 Module	Each	162
37.77	10-12 Module	Each	230
37.78	16/18 Module	Each	264
37.79	Providing & Fixing of of ISO certified company made Multiple socket with surge and spikes protection cartridge not less than 5kV for electrical Works with minimum four nos. universal 6 A sockets, one 6 A switch and 3 pin company fitted plug top and 3 core multi-strand copper lead minimum 1.5mtr. including making connection etc as required.	Each	522
37.80	Supplying and fixing of power plug point with Modular accessories for electrical Works, on hot dipped galvanized modular box of 18 SWG with earthing terminal/connector on surface or in recessed with suitable size of modular face plate with grid plate and cover plate including cost of ISI marked modular 16 amp.	Each	507


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	Providing & Fixing of ISO certified company made virgin material PVC trunking system for electrical Works, with double lock feature for cable management including finishing accessories like corners, tee, adjustable angles, junction etc. as required. The trunking system shall have adaptable system for modular type RJ 45 data socket/wiring accessories/power sockets and shall be covered with peel off plastic cover.		
37.81	32mmX20mm	Mtr.	157
37.82	80mmx 50mm	Mtr.	792
37.83	100/105mm x50mm	Mtr.	944
37.84	150/160mm x50mm	Mtr.	1601
37.85	195/200mm x50mm	Mtr.	2057
	Supplying and fixing of ISO Certified company made Krone module with base frame for electrical Works, in the recess/surface made out of 16 SWG sheet steel box, front openable, having locking arrangements duly powder painted, including dressing, ferruling and punching of telephone cable with krone tool etc. as required.		
37.86	10 Pairs	Each	646
37.87	20 Pairs	Each	862
37.88	50 Pairs	Each	1393
37.89	100 Pairs	Each	3697
37.90	200 Pairs	Each	6193
37.91	SITC of wall/free standing floor mounted dust and vermin proof compartmentalised cubical panel for electrical Works, made out of CRCA sheet. Other parameters required as per point(a) Thickness of sheet shall not be less than 1.6 mm up to 600 mm length/width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartment having bolted type doors with/without detachable extension type structure (b) Panel shall be duly treated for derusting in 7 tank process with de phosphating and with powder coating of minimum 70 microns on both side of panel in desired shade The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness, required hardware, separate detachable gland plate M.S. base channel (min 75mm), hinged door with locking arrangement for equipment/switchgear (c) Interconnection between bus bar and switch gears/cable shall be rigidly supported and made out by flexible copper wires (upto 125 amp) and by solid bus bar(>125 amp).	Sq.Mtr.	3994
	(d) Only outer area on all sides shall be measured & panel to be fabricated only from CPRI approved fabricator.		
	Supplying and fixing of Aluminium (IEC 60105ISO209-1,2)/Copper (IEC 60028) bus bar for electrical Works, by means of SMC/DMC type insulator, high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves.		
37.92	Electrolytic grade Aluminium busbar 6010 grade	Kg.	516

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37.93	Electrolytic grade (Cu-ETP) Tin Coated annealed copper bus bars	Kg.	925
	Providing & Fixing of (upto 500V) range Voltmeter moving iron AC voltmeter of class 1.5 accuracy as per IS:1248 on existing panel for electrical Works, making connection by PVC insulated copper conductor with PVC sleeves/channel etc. as required.		
37.94	Analog type (96mmx96mm) flush mounting	Each	521
	Providing & Fixing of IP51 (upto 500V) range Voltmeter on existing panel for electrical Works, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. Meter shall give true RMS measurements, acc. Cl 1.0 or better, with field programmable primary & sec. values PT (VT) primary upto 2000kV.		
37.95	Digital type	Each	1221
	Providing & Fixing of IP51 CT operated direct reading type flush mounting Ampere meter of Moving Iron type of class 1.5 accuracy on existing panel for electrical Works, making connection by PVC insulated copper conductor with PVC sleeves/channel etc. as required.		
	Analog type(96mmx96mm) flush mounting		
37.96	Below500A	Each	536
37.97	Above500A	Each	731
	Providing & Fixing of CT operated direct reading type IP-51 Am pere meter on existing panel for electrical Works,making connection by PVC insulated copper conductor with PVC sleeves / channel etc. Ampere meter shall give true RMS measurement,Acc. Cl 1.0 or better , Measuring current range 50 mA to 6 A, with Field-programmable primary and second aryvalues CT primary upto 15000A,Field- programmable high and low threshold values as required.		
	Digital type Confirming to IEC62053-21		
37.98	Below500A	Each	1205
37.99	Above500A	Each	1673
	Providing & Fixing of BIS approved Current Transformer as for electrical Works,ISI marked as per IS2705-1992/conforming to IEC 60044- 1, with secondary terminal of CT shall be brought out suitable to a terminal block which shall be easier accessible for testing and terminal connection,with all necessary support in existing panel including connection etc. as required Current trans former Resin Cast Wound Primary / Ring Type Tape Wound as per IS 16227 with, Accuracy Cl, CT ratio and burden as specified.		
37.100	CT Class1, Ratio up to 150/5, Burden 5VA	Each	412
37.101	C T Class 1, Ratio 200/5 to 300/5, Burden 10 VA	Each	505
37.102	CT Class1, Ratio400/ 5 to 1200/ 5,Burden 15VA	Each	548
37.103	CT Class1, Ratio 1600/5 to 2000/5, Burden 15VA	Each	809
37.104	Providing & Fixing of ISO certified company made selector switch of 10 A for voltmeter (4 position) using high grade engineering material to International standards with cam assembly insulation of glass filled polyamide with high tracking index. For reliable and stable electrical and mechanical endurance double butt contacts with silver bi-metal on copper should provided.	Each	296

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37.105	Providing & Fixing of ISO certified company made C/I linked selector switch of 10 A for Ampere meter (4 position) using high grade engineering material to international standards with cam assembly insulation of glass filled polyamide with high tracking index. For reliable and stable electrical and mechanical endurance double butt contacts with silver bi-metal on copper should provided.	Each	350
	Providing & Fixing of ISO certified company made UL listed, IP65 110/220 V, unibody LED indicating lamp IEC 60947, CSA 22.2 with integral circuit, IP 20 terminal block, Approx. body dia for panel not less than 20 mm, length min. 50mm, front LED cover dia min. 29 mm, contact material phosphor bronze for LED, PCB contacts shall be of brass (tin plated), impulse dielectric tested for 2.5 kV, Rated insulation resistance shall be 100 M ohm at 500V DC including connection etc. as required.		
37.106	Red/yellow/Green colour	Each	147
37.107	Blue/white Colour	Each	242
	Providing & Fixing of IP51 Multifunction meter for electrical Works, ISI marked (IS 16444)/ Confirming to IEC61557 & IEC62052 with LCD/LED 3/4 line display capable of measuring electrical parameters like V, I, F, PF, KW, kVA, kVar, Kwh, kWh, kWh, kWh display with I/A/5ACT input for 1.V/11V network, with /without RS 485 communication port etc.		
37.108	Multifunction LCD meter with V, A, F, PF, KW, kVA. old energy memory, class 1 accuracy without RS485 port.	Each	4040
37.109	Multifunction LCD meter with V, I, F, PF, KW, kVA, kVar, Kwh, kWh, kWh, kWh, Run hours, On hours, Phase angle, Interrupts, THD, Events, Neutral Current class 1 accuracy with RS 485 port.	Each	8379
	Providing & Fixing of Electrical insulating rubber matt for electrical Works, ISI marked confirming to IS: 15652 /2006 with one side anti skid abberation marks and pasting the mat with synthetic rubber adhesive as required.		
37.110	3.3kV, 2mm thick with proof voltage 10kV/3min. and Break Down Voltage 30 kV	Sq.Mtr.	1727
37.111	11kV, 2.5mm thick with proof voltage 22 kV/3min. And Break Down Voltage 45kV	Sq.Mtr.	2198
37.112	33kV, 3mm thick with proof voltage 36kV/3min. and Break Down Voltage 65kV	Sq.Mtr.	2670
	Providing & Fixing of self healing IP 20 MPP type shunt capacitor (banks) for electrical Works, ISI marked IS: 13340-41/ conforming to IEC: 831-1&20 RIEC: 60831-1&2 in existing panel or parallel with load terminals, the capacitor shall be fitted with discharge resistors, pressure sensitive disconnecter (PSD) and shall have dissipation factor less than 0.0025 at 50 Hz and total wattage loss less than 0.35 Watt per kVAR. min. over current capacity 1.8 times rated current & peak inrush current min. 250 times of rated current, including making connections, testing etc. as required.		

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	Providing & Fixing of IP54 on front microprocessor based three phase sensing power factor correction relay ,IEC/EN61000-6-(2&4) having 3 CT sensing, sensitivity up to 50 milli amp secondary current , self analysing auto c/k setting according to targeted power factor setting,the relay shall have digit display unit for display of real power factor, targeted power factor,lag/lead capacitor switching status, alarm output for under current, overcurrent, insufficient compensation, communication interface with RS 485,indication of switching on units, auto/manual status, and shall have over load protection, no volt release, having multi parameter like KW, kVA, kVAR, VTID, THD, metering facility as required.		
37.113	6 to 8 stage	Each	14143
37.114	12 to 14 stage	Each	18065
	Providing & Fixing of ISO certified company made Cam operated rotary (Auto/manual) switches on existing panel with 2 way and off position using high grade engineering material to international standards with cam assembly insulation of glass filled polyamide with high tracking index. For reliable and stable electrical and mechanical endurance double butt contacts with silver bi-metal on copper should provided.		
37.115	10AMP	Each	295
37.116	32AMP	Each	342
37.117	63AMP	Each	498
	Providing & Fixing of AC operated heavy duty 230/440 Volt power contactor for electrical Works,ISI marked IS/IEC 60947-4-1 ; 2000 having provision of mechanical interlocking, auxiliary contacts, Din rail mounting type including making connections, testing etc. as required.		
3 pole Power contactor switch following AC 3 Rating			
37.118	Upto12Amp	Each	809
37.119	13to25Amp	Each	1096
37.120	32Amp.	Each	2458
37.121	40Amp	Each	3765
37.122	50Amp	Each	5135
37.123	70Amp	Each	6925
37.124	80Amp	Each	8793
37.125	95Amp	Each	7974
37.126	140Amp	Each	14165
37.127	250Amp	Each	24706
37.128	325Amp	Each	31640
37.129	400Amp	Each	40026
4 pole Power contactor switch following AC 1 Rating			
37.130	25/32Amp.	Each	1073
37.131	40Amp	Each	1633
37.132	50Amp	Each	2030
37.133	63 Amp	Each	3907
37.134	100Amp	Each	7372
37.135	160Amp	Each	13564

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37.136	200Amp	Each	16614
37.137	250Amp	Each	18950
37.138	325Amp	Each	33313
37.139	400Amp	Each	42846
37.140	500Amp	Each	52253
	Providing & Fixing of 440 Volt 3 pole capacitor (AC6B) duty contactor with 3 no. early make and post break auxiliary contacts in series with quick discharge damping resistors/ reactors to limit the inrush current for electrical Works, IS/IEC 60947-4-1 : 2000,insulation voltage 1000V,impulse withstand voltage 8kV,Din rail mounting type including making connections, testing etc. as required.		
37.141	up to6kVar	Each	1391
37.142	8.5kVar	Each	1624
37.143	10kVar	Each	1760
37.144	12.5kVar	Each	1911
37.145	15.0kVar	Each	2639
37.146	20.0kVar	Each	3008
37.147	25.0kVar	Each	3420
37.148	30.0kVar	Each	5169
37.149	40.0kVar	Each	8089
37.150	50.0kVar	Each	9234
	Providing & Fixing of thermal over load relay with built in single phase protection and having at least 1NO & 1NC contacts, manual /auto reset facility including making connection testing etc. as required.		
37.151	Upto14Amp	Each	1197
37.152	14to23Amp	Each	1376
37.153	20to33Amp	Each	1963
37.154	24to40Amp	Each	2108
37.155	36to60Amp	Each	2964
37.156	45 to 75 Amp	Each	3361
37.157	66 to 110 Amp	Each	3855
	Providing & Fixing of removable Voltage surge protection device(surge arrester) IEC 61643-11 type -2 for protection against transient overvoltage (8/20 micro -seconds) and to run current waves to ground,making connection, testing etc. as required. (I _{max} =40 kA, U _p = 1.2kV,U _c 275 volts).		
37.158	one pole and neutral	Each	3479
37.159	Triple pole and neutral	Each	8152
Air Circuit Breaker and MCCB			

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	STTC of Draw out type 3/4 pole IP53, IK 08 door interlock Air Circuit Breaker (ACB) for electrical Works, conforming to IS/IEC 60947 P - 2 :2003 in existing LT panel suitable for LT installation 440 V, 50 Hz and having adjustable over load short- circuit,earth fault and with separate LED indication for each type of fault ,Password protected release (trip mechanism) shall conform to EMI/EMC test , LCD/LEDdisplay , Thermal memory , pollution degree 4, trip free mechanism , suitable for ambient 50 degree and utilization catagary B.		
Microprocessor based release Draw out type (Manual spring charged) 3Pole			
37.160	800 A Rating,50kA	Each	124873
37.161	1000 A Rating, 50kA	Each	131036
37.162	1250A Rating,50kA	Each	146633
37.163	1600A Rating,65kA	Each	165012
37.164	2000 A Rating,65kA	Each	196349
Micro processor based release Drawout type (Motorised charging type) 3Pole			
37.165	800 A Rating,50kA	Each	153543
37.166	1000 A Rating, 50kA	Each	159708
37.167	1250A Rating,50kA	Each	175304
37.170	800 A Rating,50kA	Each	156093
37.171	1000 A Rating, 50kA	Each	164798
37.172	1250A Rating,50kA	Each	183495
37.173	1600A Rating,65kA	Each	201463
37.174	2000 A Rating,65kA	Each	245221
37.175	2500 A Rating,65kA	Each	284034
Micro processor based release Draw out type (Motorised charging type) 4Pole			
37.176	800 A Rating,50kA	Each	184765
37.177	1000 A Rating, 50kA	Each	193468
37.178	1250A Rating,50kA	Each	212166
37.179	1600A Rating,65kA	Each	230135
37.180	2000 A Rating,65kA	Each	273892
37.181	2500 A Rating,65kA	Each	312706
	Supply and fixing of following accessories for Air circuit breaker (ACB) compatible with MA in ACB OEM for electrical Works,conforming to IS/IEC60947 P - 2 :2003 including making connection etc complete in all respect.		
37.182	Shunt Trip Release	Each	3373
37.183	Under Voltage Release	Each	3283
37.184	Earth Fault Release	Each	2303
37.185	Mechanical Interlocking kit	Each	10462

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	SITC of IP-40 3 pole current limiting Moulded case circuit settings for electrical Works, conforming to IS/IEC60947P-2:2003 with front face and centralised adjustable, trip free mechanism, true contact position indicator, line load inter changeability, designed for both horizontal & vertical mounting without any adverse effect on electrical performance, suitable for operation upto 55 degree and with out B587 derating upto 40 degree, pollution degree 3, having positive isolation capability, push(test) to trip, trip time less then 10 ms under s/c condition.		
With Thermal Magnetic release			
37.186	upto 100Amp, 25kA, adjustable O/L & fixed S/C setting, Ics= 100% Icu	Each	4140
37.187	125Amp, 25kA, adjustable O/L & fixed S/C setting, Ics= 100% Icu	Each	6046
37.188	160Amp, 25kA, adjustable O/L & fixed S/C setting, Ics= 100% Icu	Each	7158
37.189	200Amp, 35kA, adjustable O/L & fixed S/C setting, Ics= 100% Icu	Each	10754
37.190	250Amp, 35kA, adjustable O/L & fixed S/C setting, Ics= 100% Icu	Each	17741
37.191	400Amp, 50kA, adjustable O/L & adjustable S/C setting, Ics = 100% Icu	Each	20322
37.192	630 Amp , 50kA, adjustable O/L & adjustable S/C setting, Ics = 100% Icu	Each	26928
	SITC of IP 40 quick make and quick break 4 pole current limiting Moulded case circuit breaker (MCCB) made of flame retardent & heat resistant material having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings for electrical Works, conforming to IS/IEC60947 P - 2 :2003 with front face and centralised adjustable, trip free mechanism, true contact position indicator, line load inter-changeability, designed for both horizontal & vertical mounting without any adverse effect on electrical performance, suitable for operation upto 55 degree and without derating up to 40 degree.		
With Microprocessor based release			
37.193	250Amp, 35kA, adjustable O/L & Adjustable S/C setting, Ics= 100% Icu	Each	25913
37.194	400Amp, 50kA, adjustable O/L & adjustable S/C setting, Ics = 100% Icu	Each	33108
37.195	630 Amp , 50kA, adjustable O/L & adjustable S/C setting, Ics = 100% Icu	Each	37669
	SITC of IP 40 quick make and quick break 4 pole current limiting Moulded case circuit breaker (MCCB) made of flame retardent & heat resistant material having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings for electrical Works, conforming to IS/IEC60947 P - 2 :2003 with front face and centralised adjustable, trip free mechanism, true contact position indicator, line load interchange ability, designed for both horizontal & vertical mounting without any adverse effect on electrical performance, suitable for operation upto 55 degree and without derating up to 40 degree.		
With Thermal Magnetic release			
37.196	upto 100Amp, 25kA, adjustable O/L & fixed S/C setting, Ics= 100% Icu	Each	6690
37.197	125Amp, 25kA, adjustable O/L & fixed S/C setting, Ics= 100% Icu	Each	8154
37.198	160Amp, 25kA, adjustable O/L & fixed S/C setting, Ics=100 %Icu	Each	10050
37.199	200Amp, 35kA, adjustable O/L & fixed S/C setting, Ics= 100% Icu	Each	15847
37.200	250Amp, 35kA, adjustable O/L & fixed S/C setting, Ics = 100% Icu	Each	20300
37.201	400Amp, 50kA, adjustable O/L & adjustable S/C setting, Ics = 100% Icu	Each	32102

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37.202	630 Amp , 50kA, adjustable O/L. & adjustable S/C setting, Ics = 100% Icu	Each	34904
	SITC of IP-40 4 pole current limiting Moulded case circuit breaker (MCCB) made of flame retardent & heat resistant material having following current rating, shortcircuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C and inst. protection setting, True RMS sensing for electrical Works, conforming to IS/IEC 60947 P -2 :2003 with front face and centralised adjustable, common fault LED indication, Thermal memory, release trip shall confirm to EMC/EMI compatability, trip free mechanisum, true contact position indicator, line load interchangeability, designed for both horizontal & vertical mounting without any adverse effect on electrical performance, suitable for operation upto 55 degree.		
With Microprocessor based release			
37.203	250Amp, 35kA, adjustable O/L. & Adjustable S/C setting, Ics= 100% Icu	Each	33951
37.204	400Amp, 50kA, adjustable O/L. & adjustable S/C setting, Ics = 100% Icu	Each	38627
37.205	630 Amp , 50kA, adjustable O/L. & adjustable S/C setting, Ics = 100% Icu	Each	41549
	Supply and fixing of following accessories for Moulded case circuit breaker (MCCB) compatible to main MCCB OEM for electrical Works, conforming to IS/IEC 60947 P - 2 :2003 including making connection etc complete in all respect.		
37.206	Shunt Trip Release	Each	2016
37.207	Under Voltage Release	Each	2473
37.208	Earth Fault Release	Each	1973
37.209	Extended Rotary Handle	Each	2394
37.210	Direct Rotary Handle	Each	1502
37.211	Mechanical Interlocking kit	Each	5754
37.212	Motor mechanism for 250A MCCB(240V,50Hz)	Each	19443
37.213	Motor mechanism for 400A MCCB(240V,50Hz)	Each	22757
37.214	Motor mechanism for 630A MCCB(240V,50Hz)	Each	23873
37.215	Auxiliary contact	Each	1307
37.216	Trip Alarm contact	Each	1262
37.217	Auxiliary-Trip alarm contact	Each	1739
37.218	Phase Barriers upto 630A, 3/4 Pole MCCB	set	179
	SITC of surface mounting type sheet steel enclosure conforming to IEC 61439-3 of 1.6 mm thick with IK08 and IP30 protection suitable for 3/4 POLE MCCB having in built neutral link, mounting holes for easy wall mounting including making connections ,testing & etc. as required.		
37.219	Suitable to accommodate upto 70 sqmm 3.5core Alarm Cable	Each	1122
37.220	Suitable to accommodate above 70 sqmm 3.5 core Alarm Cable to 185Sqmm, 3.5core AlArm. Cable	Each	2376
Switch Fuse Unit, Change Over switches & Bus Bar Chamber			
	Providing & Fixing of ISO certified company made TP& N415 V side handle operated double break fuse switch unit in sheet steel enclosure for electrical Works conforming to IS/IEC 60947-3:1999(W/O HBC fuses) including making connection switch suitable lugs, testing etc. as required.		

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37.221	63 A rating	Each	6342
37.222	100 A rating	Each	8679
37.223	200 A rating	Each	14790
37.224	300/320 A rating	Each	16660
37.225	400 A rating	Each	23599
	Providing & Fixing of ISO certified company made TP&N 415 V AC front handle operated switch disconnecter fuse unit, cubical type, with metallic enclosure for electrical Works conforming to IS/IEC60947-3:1999 with HBC fuses including making connections with lugs, testing etc B641 as required.		
37.226	32 A rating	Each	2974
37.227	63 A rating	Each	3572
37.228	100/125 A rating	Each	5748
37.229	200 A rating	Each	9038
37.230	250 A rating	Each	10503
37.231	300/320 A rating	Each	13957
37.232	400 A rating	Each	15193
	Providing & Fixing of ISO certified company made TP&N 415 V AC front handle operated switch disconnecter fuse unit, cubical type, without metallic enclosure (For Panel Mounting) for electrical Works conforming to IS/IEC60947-3:1999 in existing panel With HBC fuses including making connections with lugs, testing etc as required.		
37.233	32 A rating	Each	1670
37.234	63 A rating	Each	2268
37.235	100/125 A rating	Each	4537
37.236	200 A rating	Each	6720
37.237	250 A rating	Each	8338
37.238	300/320 A rating	Each	11438
37.239	400 A rating	Each	12730
	Providing & Fixing of ISO certified company made bakelite fuse fitting for HBC fuse links (front/bus bar connections) Conforms To IS 13703/IEC 269 w/o HBC fuses for electrical Works on existing board including making connections with lugs, testing etc. as required.		
37.240	20 A rating	Each	115
37.241	32 A rating	Each	124
37.242	63 A rating	Each	256
37.243	100 A rating	Each	791
	Providing & Fixing 240/415V porcelain kitkat fuse (HBC type) for electrical Works conforming to IS:2086, 1983 on existing board/ sheet including making connections with lugs, testing etc. as required.		
37.244	63 A, 415V	Each	368
37.245	100 A, 415V	Each	689
37.246	200 A, 415 V	Each	1366
37.247	320 A, 415 V	Each	2021

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	Providing & Fixing of ISO certified company made bolted type/Din type HBC (High breaking capacity) fuse links of 80KA breaking capacity, for electrical Works conforming to IS:13703 in the existing fuse base, fuse switch unit etc. of the following type and rating.		
	Offset tag type		
37.248	2 A to 20 A	Each	43
37.249	25 A to 32 A	Each	60
37.250	35 A to 63 A	Each	72
37.251	80 A to 125 A	Each	154
	Central tag type		
37.252	80 A to 125 A	Each	159
37.253	160 A to 200A	Each	229
37.254	250 A to 315A	Each	329
37.255	400 A to 500A	Each	945
	DIN (knife type) type		
37.256	6 A to 32 A	Each	173
37.257	40 A to 160 A	Each	229
37.258	200 A to 400A	Each	615
	Providing & Fixing on load change over switch, front handle operated, four pole 415V for electrical Works conforming to IS/IEC60947-3:1999 including connections , testing etc. as required in the following rating.		
	Open execution type		
37.259	63 A	Each	4067
37.260	125 A	Each	7621
37.261	160 A	Each	8278
37.262	200 A	Each	9993
37.263	250 A	Each	14311
37.264	320 A	Each	15083
37.265	400 A	Each	21731
37.266	630 A	Each	25694
	With sheet steel enclosure made out from CRCA sheet door 1.2mm & body 1.6mm, powder coated, door locking system allow opening of door in off position only with 2 external earthing point		
37.267	63 A	Each	5324
37.268	125 A	Each	9940
37.269	160 A	Each	10606
37.270	200 A	Each	12165
37.271	250 A	Each	17297
37.272	320 A	Each	18069
37.273	400 A	Each	26092
37.274	630 A	Each	29978

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	Providing & Fixing of ISO certified company made bus bar chamber housed in sheet metal box for electrical Works Confirming to IEC-60439/IS-8623& IEC- 60529/IS-2147 made out from 1.6mm thick powder coated CRCA sheet, degree of protection IP-31, front openable bus bar made out of aluminium or wrought aluminium alloy suitable for 100 B764amp.		
37.275	300mm long, 2 strip	Each	759
37.276	300mm long, 4 strip	Each	980
37.277	450mm long, 2 strip	Each	912
37.278	450mm long, 4 strip	Each	1724
37.279	600mm long, 2 strip	Each	1241
37.280	600mm long, 4 strip	Each	1777
37.281	900mm long, 2 strip	Each	1662
37.282	900mm long, 4 strip	Each	2459
	Providing & Fixing bus bar chamber housed in sheet metal box for electrical Works Confirming to IEC-60439/IS-8623&IEC-60529/IS-2147 made out from 1.6mm thick powder coated CRCA sheet, degree of protection IP-31 front openable bus bar made out of aluminium or wrought aluminium alloy suitable for 200 amp. Capacity, bus bar fix on porcelain/DMC insulators at approved spacing including making connections etc. as required.		
37.283	300mm long, 4 strip	Each	1463
37.284	450mm long, 4 strip	Each	2306
37.285	600mm long, 4 strip	Each	2574
37.286	900mm long, 4 strip	Each	3509
	Providing & Fixing bus bar chamber housed in sheet metal box for electrical Works Confirming to IEC-60439/IS-8623& IEC-60529/IS-2147 made out from 1.6mm thick powder coated CRCA sheet, degree of protection IP-31, front openable bus bar made out of Copper suitable for 100amp. Capacity, bus bar fixed on porcelain/DMC insulators at approved spacing including making connections etc. as required.		
37.287	300mm long, 2 strip	Each	1271
37.288	300mm long, 4 strip	Each	2459
37.289	450mm long, 2 strip	Each	1509
37.290	450mm long, 4 strip	Each	2850
37.291	600mm long, 2 strip	Each	2765
37.292	600mm long, 4 strip	Each	3724
37.293	900mm long, 2 strip	Each	3709
37.294	900mm long, 4 strip	Each	5133
	Providing & Fixing bus bar chamber housed in sheet metal box for electrical Works Confirming to IEC-60439/IS-8623& IEC-60529/IS-2147 made out from 1.6mm thick powder coated CRCA sheet, degree of protection IP-31, front openable bus bar made out of Copper suitable for 200amp. Capacity, busbar fixed on porcelain/DMC insulators at approved spacing including making connections etc. as required.		
37.295	300mm long, 4 strip	Each	2973
37.296	450mm long, 4 strip	Each	3026

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37.297	600mm long, 4 strip	Each	4459
37.298	900mm long, 4 strip	Each	6497
38	LT Cable Termination & Accessories		
	Supplying and making one end termination with heavy duty brass compression gland (as per IS12943-1990) SIBG type, heavy duty aluminium lugs (as per IS 8309 -1993 & IS 8337-1976) duly crimped with crimping tool, PVC tape for electrical Works etc for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required of size.		
38.01	2 x 4.0 sq.mm	Each	57
38.02	2 x 6.0 sq.mm	Each	66
38.03	2 x 10.0 sq.mm	Each	67
38.04	2 x 16.0 sq.mm	Each	82
38.05	2 x 25.0 sq.mm	Each	92
38.06	2 x 35.0 sq.mm	Each	104
38.07	2 x 50.0 sq.mm	Each	126
38.08	3 x 4.0 sq.mm	Each	64
38.09	3 x 6.0 sq.mm	Each	70
38.10	3 x 10.0 sq.mm	Each	74
38.11	3 x 16.0 sq.mm	Each	92
38.12	3 x 25.0 sq.mm	Each	102
38.13	3 x 35.0 sq.mm	Each	116
38.14	3 x 50.0 sq.mm	Each	137
38.15	3 x 70.0 sq.mm	Each	200
38.16	3 x 95.0 sq.mm	Each	233
38.17	3 x 120.0 sq.mm	Each	289
38.18	3 x 150.0 sq.mm	Each	392
38.19	3 x 185.0 sq.mm	Each	457
38.20	3 x 240.0 sq.mm	Each	554
38.21	3 x 300.0 sq.mm	Each	738
38.22	3.5 x 25.0 sq.mm	Each	109
38.23	3.5 x 35.0 sq.mm	Each	124
38.24	3.5 x 50.0 sq.mm	Each	147
38.25	3.5 x 70.0 sq.mm	Each	216
38.26	3.5 x 95.0 sq.mm	Each	251
38.27	3.5 x 120.0 sq.mm	Each	309
38.28	3.5 x 150.0 sq.mm	Each	423
38.29	3.5 x 185.0 sq.mm	Each	492
38.30	3.5 x 240.0 sq.mm	Each	626
38.31	3.5 x 300.0 sq.mm	Each	829
38.32	3.5 x 400.0 sq.mm	Each	1122
38.33	3.5 x 500.0 sq.mm	Each	1536
38.34	3.5 x 630.0 sq.mm	Each	2123
38.35	4 x 4.0 sq.mm	Each	70
38.36	4 x 6.0 sq.mm	Each	75

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38.37	4 x 10.0 sq.mm	Each	82
38.38	4 x 16.0 sq.mm	Each	102
38.39	4 x 25.0 sq.mm	Each	111
38.40	4 x 35.0 sq.mm	Each	128
38.41	4 x 50.0 sq.mm	Each	152
38.42	1 x 400.0 sq.mm	Each	383
38.43	1 x 500.0 sq.mm	Each	472
38.44	1 x 630.0 sq.mm	Each	702
	Supplying and making one end termination with heavy duty single compression brass gland (as per IS 12943-1990) SING type, heavy duty Copper/ Bimetallic lugs (IS8337- 1976) duly crimped with crimping tool, PVC tape for electrical Works etc for following size of Armoured PVC insulated & PVC sheathed/XLPE aluminium/copper conductor cable of 1100 volt grade as required of size.		
38.45	2x4.0 sq.mm	Each	65
38.46	2x6.0 sq.mm	Each	68
38.47	2x10.0 sq.mm	Each	78
38.48	2x16.0 sq.mm	Each	97
38.49	2x25.0 sq.mm	Each	121
38.50	2x35.0 sq.mm	Each	135
38.51	2x50.0 sq.mm	Each	165
38.52	3x4.0 sq.mm	Each	74
38.53	3x6.0 sq.mm	Each	79
38.54	3x10.0 sq.mm	Each	90
38.55	3x16.0 sq.mm	Each	115
38.56	3x25.0 sq.mm	Each	145
38.57	3x35.0 sq.mm	Each	162
38.58	3x50.0 sq.mm	Each	194
38.59	3x70.0 sq.mm	Each	307
38.60	3x95.0 sq.mm	Each	393
38.61	3x120.0 sq.mm	Each	506
38.62	3x150.0 sq.mm	Each	706
38.63	3x185.0 sq.mm	Each	942
38.64	3x240.0 sq.mm	Each	1235
38.65	3x300.0 sq.mm	Each	1660
38.66	3.5x25.0 sq.mm	Each	160
38.67	3.5x35.0 sq.mm	Each	177
38.68	3.5x50.0 sq.mm	Each	213
38.69	3.5x70.0 sq.mm	Each	341
38.70	3.5x95.0 sq.mm	Each	437
38.71	3.5x120.0 sq.mm	Each	561
38.72	3.5x150.0 sq.mm	Each	791
38.73	3.5x185.0 sq.mm	Each	1058
38.74	3.5x240.0 sq.mm	Each	1393
38.75	3.5x300.0 sq.mm	Each	1877

38.76	3.5x400.0 sq.mm	Each	2665
38.77	3.5x500.0 sq.mm	Each	3524
38.78	3.5x630.0 sq.mm	Each	4987
38.79	4x4.0 sq.mm	Each	85
38.80	4x6.0 sq.mm	Each	89
38.81	4x10.0s q.mm	Each	102
38.82	4x16.0 sq.mm	Each	131
38.83	4x25.0 sq.mm	Each	171
38.84	4x35.0 sq.mm	Each	189
38.85	4x50.0 sq.mm	Each	227
38.86	1x400.0 sq.mm	Each	824
38.87	1x500.0 sq.mm	Each	1041
38.88	1x630.0 sq.mm	Each	1520
	Supplying and making end termination with heavy aluminium lugs Pin/ring type (as per IS 8309 -1993 & IS8337-1976) duly crimped with crimping tool, PVC tape for electrical Works etc of following size.		
38.89	1.5 Sq.mm	Each	2
38.90	2.5 Sq.mm	Each	3
38.91	4.0 Sq.mm	Each	3
38.92	6.0 Sq.mm	Each	5
38.93	10.0 Sq.mm	Each	5
38.94	16.0 Sq.mm	Each	8
38.95	25.0 Sq.mm	Each	9
38.96	35.0 Sq.mm	Each	12
38.97	50.0 Sq.mm	Each	15
38.98	70.0 Sq.mm	Each	22
38.99	95.0 Sq.mm	Each	27
38.100	120.0 Sq.mm	Each	34
38.101	150.0 Sq.mm	Each	43
38.102	185.0 Sq.mm	Each	46
38.103	240.0 Sq.mm	Each	73
38.104	300.0 Sq.mm	Each	100
38.105	400.0 Sq.mm	Each	144
38.106	500.0 Sq.mm	Each	196
38.107	630.0 Sq.mm	Each	251
	Supplying and making end termination with heavy Copper/Bimetallic lugs Pin /ring type (IS 8337- 1976) duly crimped with crimping tool, PVC tape for electrical Works etc of following size.		
38.108	1.5 Sq.mm	Each	3
38.109	2.5 Sq.mm	Each	6
38.110	4.0 Sq.mm	Each	7
38.111	6.0 Sq.mm	Each	8
38.112	10.0 Sq.mm	Each	10
38.113	16.0 Sq.mm	Each	15
38.114	25.0 Sq.mm	Each	23

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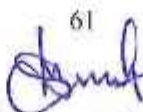


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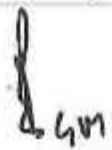




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38.115	35.0 Sq.mm	Each	27
38.116	50.0 Sq.mm	Each	34
38.117	70.0 Sq.mm	Each	58
38.118	95.0 Sq.mm	Each	80
38.119	120.0 Sq.mm	Each	104
38.120	150.0 Sq.mm	Each	147
38.121	185.0 Sq.mm	Each	213
38.122	240.0 Sq.mm	Each	298
38.123	300.0 Sq.mm	Each	405
38.124	400.0 Sq.mm	Each	580
38.125	500.0 Sq.mm	Each	759
38.126	630.0 Sq.mm	Each	1060
	Supply, Fabricating & installing following sizes of perforated Hot dipped Galvanized iron cable tray (Galvanized thickness not less than 50 microns) with perforation not more than 17.5% in convenient section including horizontal and vertical bends, reducers tees, cross members B926 and other accessories as required and duly suspended from the ceiling with GI suspenders including GI bolts & nuts, fastners, supports etc. as required.		
38.127	100mm x 50mm x 1.6mm	Mtr	386
38.128	150mm x 50mm x 1.6mm	Mtr	472
38.129	225mm x 50mm x 1.6mm	Mtr	568
38.130	300mm x 50mm x 1.6mm	Mtr	653
38.131	375mm x 50mm x 2.0mm	Mtr	908
38.132	450mm x 50mm x 2.0mm	Mtr	1175
38.133	600mm x 50mm x 2.0mm	Mtr	1430
38.134	300mm x 62.5mm x 2.0mm	Mtr	908
38.135	375mm x 62.5mm x 2.0mm	Mtr	1079
38.136	450mm x 62.5mm x 2.0mm	Mtr	1261
38.137	600mm x 62.5mm x 2.0mm	Mtr	1516
38.138	600mm x 75mm x 2.0mm	Mtr	1601
	Supply, Fabricating & installing following sizes of powder coated per forated M.S. cable trays with perforation not more than 17.5% inconvenient section including horizontal and vertical bends, reducers tees, cross members and other accessories as required and duly suspended from the ceiling with MS suspenders including bolts & nuts , fastners, supports, painting suspenders etc. as required.		
38.139	100mm x 50mm x 1.6mm	Mtr	342
38.140	150mm x 50mm x 1.6mm	Mtr	416
38.141	225mm x 50mm x 1.6mm	Mtr	502
38.142	300mm x 50mm x 1.6mm	Mtr	575
38.143	375mm x 50mm x 2.0mm	Mtr	798
38.144	450mm x 50mm x 2.0mm	Mtr	1031
38.145	600mm x 50mm x 2.0mm	Mtr	1253
38.146	300mm x 62.5mm x 2.0mm	Mtr	798
38.147	375mm x 62.5mm x 2.0mm	Mtr	945




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GM (REMD)




38.148	450mm x 62.5mm x 2.0mm	Mtr	1105
38.149	600mm x 62.5mm x 2.0mm	Mtr	1327
38.150	600mm x 75mm x 2.0mm	Mtr	1401
	Supply, fabricating & installing following sizes of powder coated ladder type M.S. cable trays with rungs at span of 250 mm including horizontal and vertical bends, reducers tees, cross members and other accessories as required and duly suspended from the ceiling/wall with MS suspenders including bolts & nuts, fasteners, supports, painting suspenders etc. as required.		
38.151	100mm x 50mm x 1.6mm	Mtr	268
38.152	150mm x 50mm x 1.6mm	Mtr	324
38.153	225mm x 50mm x 1.6mm	Mtr	391
38.154	300mm x 50mm x 1.6mm	Mtr	447
38.155	375mm x 50mm x 2.0mm	Mtr	612
38.156	450mm x 50mm x 2.0mm	Mtr	791
38.157	600mm x 50mm x 2.0mm	Mtr	957
38.158	300mm x 62.5mm x 2.0mm	Mtr	612
38.159	375mm x 62.5mm x 2.0mm	Mtr	724
38.160	450mm x 62.5mm x 2.0mm	Mtr	846
38.161	600mm x 62.5mm x 2.0mm	Mtr	1013
38.162	600mm x 75mm x 2.0mm	Mtr	1068
	Supply & Making of Heat shrinkable type outdoor straight through joint for electrical Works for following size of PVC/ XLPE insulated aluminium conductor cable of 1.1 KV grade including cost of compound, sleeves etc. as required.		
38.163	1 x 25 sq.mm-50 sq.mm	Set	1275
38.164	1 x 70 sq.mm-150 sq.mm	Set	2035
38.165	1 x 185 sq.mm-300 sq.mm	Set	2605
38.166	1 x 400 sq.mm	Set	2833
38.167	1 x 500 sq.mm	Set	3188
38.168	1 x 630 sq.mm	Set	3274
38.169	2 x 1.5 sq.mm-6 sq.mm	Set	415
38.170	2 x 10.0-16.0 sq.mm	Set	988
38.171	2 x 25.0 sq.mm-50 sq.mm	Set	1593
38.172	2 x 70.0 sq.mm-150 sq.mm	Set	2775
38.173	2 x 185.0 sq.mm-300 sq.mm	Set	5211
38.174	2 x 400 sq.mm	Set	5581
38.175	2 x 500 sq.mm	Set	5995
38.176	3/3.5/4 x 1.5 sq.mm-6 sq.mm	Set	669
38.177	3/3.5/4 x 10.0-16.0 sq.mm	Set	1126
38.178	3/3.5/4 x 25.0 sq.mm-50 sq.mm	Set	2013
38.179	3/3.5/4 x 70.0 sq.mm-150 sq.mm	Set	3073
38.180	3/3.5/4 x 185.0 sq.mm-300 sq.mm	Set	5604
38.181	3/3.5/4 x 400 sq.mm	Set	5923
38.182	3/3.5/4 x 500 sq.mm	Set	6982



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38.183	5mm thick and 10cm dia. G.I. plate with inscription there on, bolted/welded to 35mm x 35mm x 5mm angle iron, 60cm long and fixing the same in ground in CC (1:3:6) as required.	Each	268
	Providing & laying of Double wall corrugated pipe conforming to IS:14930P-1 & 2 with HDPE Coupler at 1 mtr. Depth below the ground for laying cable including making the trench and back filling, compaction of earth as required (Excavation of Earth to be paid Extra as required.) of following Outer Dia./Inner dia as per IS:4984:1995.		
38.184	55/50mm	Mtr	77
38.185	90/76mm	Mtr	157
38.186	110/95mm	Mtr	198
38.187	120/103.5mm	Mtr	254
38.188	160/136mm	Mtr	302
38.189	180/152mm	Mtr	513
38.190	200/175mm	Mtr	780
38.191	300/260mm	Mtr	1399
	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) etc. as required. (Excavation of Earth to be paid Extra as required.)		
38.192	200mm Dia.	Mtr	478
38.193	250mm dia.	Mtr	563
38.194	300mm dia	Mtr	785
38.195	450mm dia.	Mtr	1433
39	HT Cable Termination & Accessories		
	Providing & Laying XLPE insulated as per IS:7098/II/85H.T.cable for electrical Works for working voltage 11 K.V.(E) in existing RCC / Hume /Stone ware/PVC pipe/open duct/cable trench with filling of excavated earth in trench, on existing cable trays or on surface etc. including making necessary connection, testing etc. as required of size as per points (a),(b), (c) mentioned below:- (a) Material:-H4-Grade aluminium conductor of purity >99.6% & as per IS:1554P-I/ IS:7098 P-1 (a) Material:-H4-Grade aluminium conductor of purit >99.6% & as per IS:1554P-I/ IS:7098P-1 (b) conductor shall have electrolytic aluminium confirming to IS 8130, IS 3975-1999 for armouring of cables , IS 5831 for sheath, IS 10810 (Part 0 to 64) for testing procedures (c)OEM Must have ISO 9001 & 14001 certifications for quality assurance & its own in house NABL lab setup for all testing facilities for cables.		
	Providing & making heat shrinkable type in door/out door/straight through terminations/ joint kit for electrical Works suitable for 11KV/33KV cable with required components, preparation of cable ends. Type test report should be as per IS13573:2011 which covered all sequence for termination kit and straight through joint inclusive thermal & dynamic short circuit test, humidity test, soil fog test. Cross linking shall be done out side factory with E- beam/peroxide technology.		
	11KV End Termination Kit Indoor type		
39.01	3 core up to 35 Sqmm	Each	3950

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39.02	3 core 50/70/95 Sq.mm	Each	4322
39.03	3 core 120/150/185 Sq.mm	Each	4695
39.04	3 core 240/300 Sq.mm	Each	4989
39.05	3 core 400 Sq.mm	Each	5518
11KV End Termination Kit Outdoor type			
39.06	3 core up to 35 Sq.mm	Each	4573
39.07	3 core 50/95/70 Sq.mm	Each	5023
39.08	3 core 120/150/185 Sq.mm	Each	5707
39.09	3 core 240/300 Sq.mm	Each	6235
39.10	3 core 400 Sq.mm	Each	6647
11KV Straight Through Joint Kit			
39.11	3 core up to 35 Sq.mm	Each	8105
39.12	3 core 50/70/95 Sq.mm	Each	8819
39.13	3 core 120/150/185 Sq.mm	Each	13117
39.14	3 core 240/300 Sq.mm	Each	14299
39.15	3 core 400 Sq.mm	Each	14897
33KV End Termination Kit Indoor type			
39.16	3 core 95/120/150 Sq.mm	Each	6107
39.17	3 core 185/240 Sq.mm	Each	7873
39.18	3 core 300/400 Sq.mm	Each	8354
33KV End Termination Kit Outdoor type			
39.19	3 core 95/120/150 Sq.mm	Each	6886
39.20	3 core 185/240 Sq.mm	Each	9781
39.21	3 core 300/400 Sq.mm	Each	10418
33KV Straight Through Joint Kit			
39.22	3 core 95/120/150 Sq.mm	Each	20026
39.23	3 core 185/240 Sq.mm	Each	25149
39.24	3 core 240/300/400 Sq.mm	Each	26065
Earthing and Lighting Arrester			
39.25	Pipe Earthing for electrical Works as per IS:3043- 1987 with 3.0 Mtr. Long, 40 mm dia. ' B 'class G.I. Pipe IS: 1239 (Part-1) 2004, Equivalent to BS :1387 with per forated holes of 12mm dia, including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 ohms or less as required.	Set	2542

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39.26	Plate Earthing for electrical Works as per IS:3043 with Hot dipped G.I. Earth plate of size 600mm x 600mm x 6.0mm by embodying 3 to 4mtr. below the ground level with 20mm dia. G.I. 'B' class watering Pipe, including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/charcoal, testing of earth resistance for value of 5 ohms or less as required.	Set	4321
	Plate Earthing for electrical Works as per IS:3043 with copper Earth plate of size 600mm x 600mm x 3.0mm by embodying 3 to 4mtr. Below the ground level with 20mm dia. G.I.'B' class watering Pipe		
39.27	Plate Earthing for electrical Works as per IS:3043 with copper Earth plate of size 300mm x 300mm x 3.0mm by embodying 3 to 4mtr. below the ground level with 20mm dia. G.I.'B' class watering Pipe, including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free B965 lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260mm, Bottom Dia 300 to 350mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/charcoal, testing of earth resistance for value of 5 ohms or less.	Set	4154
	SITC of chemical Gel earthing system of Dual Pipe Technology made of with "B" Class G I Pipe as per IS 1239 (part-1): 2004 of Medium duty of following sizes as per points mentioned (a), (b), (c), (d), (e) below :- (a) filled with anti corrosive conductive compounds with the permanent sealings at both the ends, CPRI/ ERDA tested with RMS capacity of minimum 35-40 KA for with standing 1 second.		
	(b) To ensure the moisture content and electrical conductivity, 25 kg for 2000 mm & 50 Kgs for 3000mm of resistance lowering earth enhancement material shall be used as a back fill compound. The compound shall be tested from NABL accredited lab for low resistivity (less than 0.12 Ohm - meter) & high conductivity in nature with carbon as a major content as per reference of IS 3043-1987, IEEE 80-2013 (clause 14.5 d) , IEEE837 & IER 1956 with latest amendments.		
	c) Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350mm. And Height 250 to 300 mm.		
	(d) Testing of earth resistance for value of 5 ohms or less.		
	(e) Self certificate for confirming above standards from OEM is mandatory.		
	With Pipe in Pipe Technology (Outer pipe dia./ Inner pipe dia.) Minimum 100mm dia borewell		
39.28	GI pipe 2000mm long, 50/25mm, Terminal 40mm x 6mm GI Strip	Set	4713
39.29	GI pipe 2000mm long, 80/50mm, Terminal 50mm x 6 mm GI Strip	Set	5808
39.30	GI pipe 3000mm long, 50 /25mm, Terminal 40mm x 6 mm GI Strip	Set	7673
39.31	GI pipe 3000mm long, 80/50mm, Terminal 50mm x 6mm GI Strip	Set	7965

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 G.M (E.M.D)

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 SAE



39.32	Add Extra for Gel /Pipe earthing in Rocky Strata for making pit by Boring machine. Supply & Laying following size earth strip in horizontal or vertical round/surface/recess including riveting, soldering, saddles, Jointing shall be done by over lapping and with 2 set of Brass (for Cu strip) /GI (for GI Strip) nut bolt & spring washer spaced at 50cm making connection etc. as required.	P.mtr.	275
39.33	20mm x 3mm copper strip	Mtr.	451
39.34	25mm x 3mm copper strip	Mtr.	599
39.35	25mm x 5mm copper strip	Mtr.	894
39.36	30mm x 5mm copper strip	Mtr.	1116
39.37	40mm x 6mm copper strip	Mtr.	1779
39.38	50mm x 6mm copper strip	Mtr.	2369
39.39	20mm x 3mm G.I.(Hot Dipped) Strip	Mtr.	49
39.40	25mm x 3mm G.I.(Hot Dipped) Strip	Mtr.	58
39.41	25mm x 6mm G.I.(Hot Dipped) Strip	Mtr.	108
39.42	32mm x 6mm G.I.(Hot Dipped) Strip	Mtr.	131
39.43	50mm x 6mm G.I.(Hot Dipped) Strip	Mtr.	213
39.44	20mm x 3mm Alum. Strip	Mtr.	67
39.45	25mm x 3mm Alum. Strip	Mtr.	81
39.46	25mm x 4mm Alum. Strip	Mtr.	107
39.47	25mm x 5mm Alum. Strip	Mtr.	130
39.48	30mm x 6mm Alum. Strip	Mtr.	182
39.49	50mm x 5mm Alum. Strip	Mtr.	247
39.50	50mm x 8mm Alum. Strip	Mtr.	386
39.51	100mm x 8mm Alum. Strip	Mtr.	754
39.52	100mm x 10mm Alum. Strip	Mtr.	938
39.53	200mm x 20mm Alum. Strip	Mtr.	3700
	Supply & Laying following size earth wire in horizontal or vertical running round/surface/recess including riveting, soldering, saddles, making connection with GI/Cut symble etc. as required.		
39.54	6SWG copper Wire	Mtr.	132
39.55	8SWG copper Wire	Mtr.	94
39.56	10SWG copper Wire	Mtr.	63
39.57	12SWG copper wire	Mtr.	39
39.58	14SWG copper wire	Mtr.	23
39.59	6SWG G.I.(Hot Dipped) Wire	Mtr.	16
39.60	8SWG G.I.(Hot Dipped) Wire	Mtr.	13
39.61	10SWG G.I.(Hot Dipped) Wire	Mtr.	9
39.62	2.24mm dia. Bare alum. Conductor	Mtr.	3
	Supply & Laying following size 'B' class, Medium class G.I.Pipe conforming to IS : 1239 P - 1 (2004) with accessories like bend, socket etc. for laying earth conductor/ strip /cable in ground/ surface/ recess as required.		
39.63	15mmdia.	Mtr.	131
39.64	20mmdia.	Mtr.	169
39.65	25mmdia.	Mtr.	219
39.66	32mmdia	Mtr.	277

4m

GM (RMD)

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39.67	40mmdia.	Mtr.	300
39.68	50mmdia.	Mtr.	415
39.69	65mmdia.	Mtr.	531
39.70	80mmdia.	Mtr.	817
39.71	100mmdia.	Mtr.	971
39.72	125mmdia.	Mtr.	1232
39.73	Mesh earthing as per IS:3043 with GI earth strip of size 25 mm x 6 mm to form a mesh of size 3000 mm x 1000 mm in horizontal formation to create equal sections of 500 mm x500 mm by means of 10 mm brass bolts, & nuts with spring washer, embodying 1 mtr. below the ground level, refilling the pit by alternative layers of charcoal & salt up to 500mm with 20 mm dia. GI 'B' class watering pipe, wire mesh funnel and brick masonry finished chamber covered with hinged MS cover of 6mm thickness and locking arrangement of size 300 mm x 300 mm complete in all respect including connections and testing as required. Testing of earth resistance for value of 5 ohms or less.	Each	5351
39.74	P & F of Heavy duty weather proof poly-propylene earth pit chamber with lock able Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260mm, Bottom Dia 300 to 350 mm, and Height 250 to 300mm.	Each	978
39.75	Supply and installation of UL listed, CPRI tested copper bounded steel electrode of minimum 17.2 mm dia. (as per IEC 62561-2) With a minimum coating thickness of 250 microns and length of 3 meters, filled with anti corrosive conductive compounds with the permanent sealings at both the ends as per point mentioned (a),(b),(c),(d),(e) below:- (a) filled with anti-corrosive conductive compounds with the permanent sealings at both the ends, CPRI/ERIDA tested with RMS capacity of minimum 35-40KA for with standing 1 second (b) To ensure the moisture content and electrical conductivity, 25 kg for 2000 mm & 50 Kgs for 3000mm of resistance lowering earth enhancement material shall be used as a back fill compound. The compound shall be tested form NABL accredited lab for low resistivity (less than 0.12 Ohm - meter)& high conductivity in nature with carbon as a major content. (c) Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kgor more of size 10 KV external.cable shall be rigidly supported and made out by flexible copper wires (upto 125 amp) and by solid bus bar(>125 amp). required.	Each	6252
39.76	Providing & Fixing of ISO Certified company made lightning conductor finial for electrical Works as per IS 2309-1989 made out of 25 mmdia.,300 mm long copper solid rod having single prong at top with 85mmdia.,3mm thick copper base plate including holes etc. complete as required.	Each	2579
39.77	Providing & Fixing lightning conductor for electrical Works as per IS 2309-1989 made out of 25 mmdia.,300 mm long G.I. solid Rod having single prong at top with 85 mm dia., 3 m thick G.I. base plate including holes etc.complete as required.	Each	1447

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	Rivetting, sweating and soldering of copper/GI.Tape with another copper/G.I.Tape , base of the finial or any other metallic objects as required.		
39.78	Copper Tape	Each	80
39.79	GI Tape	Each	53
	Providing & Fixing of copper tape 20 mmx3mm on parapet or surface of wall fixed with porcelain or bakelite insulator (SP-35) in vertical/horizontal run as required.		
39.80	20mmx3mmcopperstrip	Mtr	492
	Providing & Fixing of G.I. tape(Hot Dipped galvanized) 20mm x 3 mm on parapet or surface of wall fixed with porcelain or bakelite insulator (SP-35) in vertical/ horizontal run as required.		
39.81	20mmx3mmG.I.(HotDipped)Strip	Each	70
39.82	Providing & Fixing of testing joint, made out of 20mm x3mm copper Strip, 125 mm long, with 4 no. tinned brass bolts, nuts, checknuts, spring washer etc. complete as required.	Each	319
39.83	Providing & Fixing of testing joint, made out of 20mmx 3mm G.I. Strip, 125 mm long, with 4 no.G.I. bolts, nuts,checknuts, spring washer etc. complete as required.	Each	157
Fans and Accessories			
	Making of hole in wall (brick/stone) of required size for housing exhaust fan and making good the same,with cement plaster as required of following size:		
39.84	Upto 457 mm size	Each	327
39.85	more than 457 mm & upto 610 mm	Each	384
39.86	Fixing of fresh air fan/ exhaust fan upto size of 300mm on ply/ poly board of 6.0 mm in existing window frame Including cost of ply, cutting of hole in ply. Nut bolts etc. as required.	Each	155
39.87	Installation, testing and Commissioning of ceiling fan(any size) including wiring the down rod up to 30 cm with 3x1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required.		
39.88	With regulator	Each	60
39.89	With out regulator	Each	52
	Providing & Fixing of ISO Certified company made BEE Approved copper wounded 1200mm sweep BLDC technology power saving ceiling fan with longer life span and low maintenance 5 star rated which can with stand on vottage fluctuations from 140 volts to 240 volts, power factor not less then 0.9, service value (CMM/W) minimum 6.85, air delivery minimum 215 CMM, speed 350 RPM (tolerance as per IS:374 2019)THD less then 10%and complete with down rod up to30 cm with secondary support safety cable , cotter pin with 3x1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required.		
39.90	Without Remote	Each	2821
39.91	With Remote	Each	3007

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	Providing & Fixing of ISO Certified company made BEE Star rated copper + B1053 wounded double ball bearing capacitor start, aluminium body & Metallic blade ceiling fan for electrical Works, conforming to IS:374-2019,&IS:1885-P-V-1981. with down rod up to 30 cm with secondary support safety cable (steel wire),cotton pin with 3x 1.5sq.mm pvc insulated flexible copper conductor making connection testing etc. as required.		
39.92	1200mm Sweep BEE3 Star rated (service value ≥ 5.0 to < 5.5)	Each	1824
39.93	1400mm Sweep BEE3 Star rated (service value ≥ 5.0 to < 5.5)	Each	1953
	Providing & Fixing of shackle (iron hook) made from 2 mm nominal thick CRCA sheet and bolts (2nos) of 6mm with spring washer nut, checknut & split pin as required.	Each	64
39.94	Providing & Fixing of M.S.J- hook of standard design made out of 16 mm dia. M.S. round bar and fixed with cement concrete mortar with required support as required.	Each	125
	Providing & Fixing of Double ball bearing, copper wounded capacitor start single phase metallic blade fresh air fan, in existing opening including cost of hardware, flexible 3 core copper conductor, making connections, testing etc.		
39.95	225mm sweep	Each	1210
39.96	300mm sweep	Each	1364
	Providing & Fixing of Heavyduty capacitor start, copper wound Double ball bearing 900/1400RPM single phase Exhaust fan for electrical Works, conforming to IS:2312ISI marked in existing opening including making connections testing etc.as required.		
39.97	300 mm sweep(900/1400RPM)	Each	2612
39.98	380mm sweep(900/1400RPM)	Each	3482
39.99	450mm sweep(900/1400RPM)	Each	4823
39.100	600mm sweep(700/900RPM)	Each	8782
	Providing & Fixing of ventilating fans Capacitor start, copper wounded, single phase with PVC impeller, ABS body, automatic openable louver shutter in existing opening including making connection, testing etc. as required.		
39.101	150mm sweep	Each	1094
39.102	200mm sweep	Each	1202
39.103	250mm sweep	Each	1402
	Providing & Fixing of heavyduty, copper wound, Double ball bearing and with metal sturdy mesh guard; Aluminium one piece blade wall mounting oscillating type air circulator for electrical Works, conforming to IS:2997, including fixing with anchor bolts, regulator making connection testing etc.		
39.104	450mm sweep With wall Mounting and three speed regulator	Each	6010
39.105	450mm sweep With Pedestal and three speed regulator	Each	6551
39.106	600mm sweep With wall Mounting and three speed regulator	Each	7780
39.107	600 mm sweep With Pedestal and three speed regulator	Each	7983
39.108	750mm sweep With wall Mounting and three speed regulator	Each	9322
39.109	750mm sweep With Pedestal and three speed regulator	Each	9555

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	Providing & Fixing of capacitor start,copper wound, metal body, metal blade three speed wall mounting fan of following sweep with the help of anchor bolts including making connection testing etc. as required.		
39.110	400mm sweep(Oscillating type)	Each	2388
39.111	300mm sweep(oscillating type)	Each	1926
	Providing & Fixing of capacitor start, copper wounded, three speed, oscillating type pedestal fan with adjustable height,Confirming to IS:1169-1967 of following size with cord and plug top as required.		
39.112	400mm sweep	Each	2812
39.113	450mm sweep	Each	3035
39.114	500mm sweep	Each	3544
39.115	Providing & Fixing of extra down rod of 15mm dia. ERW (Electrical resistance welded) of 1.6mm nominal thick medium duty steel pipe including cutting, threading, drilling, fixing quarter pin etc as required.	Mtr.	153
39.116	Numbering of ceiling fans/ fixtures with approved enamel paint etc as required	Each	23
	P & F of Gravity Louver shutter of superior quality made out of frame of 18 swg M.S.sheet & Louvers made from 24 swg MS Sheet with enamel paint including cost of nuts,bolts,etc as required.		
39.117	Upto380mm size	Each	237
39.118	above380mm size	Each	282
	P & F of Gravity Louver shutter of superior quality made out of PVC including cost of nuts, bolts, etc as required.		
39.119	Up to 380mm size	Each	245
40	Indoor Lighting		
	Providing & Fixing of IP20S MD Mid Power LED batten type integrated light fixture made from polycarbonate/ extruded aluminium powder coated housing with in built driver, Power Consumption of 18W/20W, system lumen efficacy ≥ 120 lm/Watt output,internal surge protection of 2.5KV with Short & Open circuit protection,THD<10%, p.f ≥ 0.95 , CRI>80, life time of minimum 50000 Burning Hours with, 70% of initial Lumen maintained till life ends , CCT 3000°K / 4000°K / 5700°K /6000°K/6500°K (As per ANSI Bin) , maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trademark certificate (T.C.).		
40.01	4'LED Tube shape fixture 18/20 W(Polycarbonate Base)	Each	264
40.02	4'LED Tube shape fixture 18/20W (Extruded Al Base)	Each	351
40.03	2'LED Tube shape fixture9/10 W (Polycarbonate Base)	Each	234


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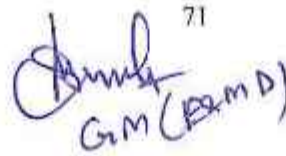



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	Providing & Fixing of energy efficient direct fit (Retrofit) Polycarbonate / Extruded Al Base Housing & diffuser SMD Mid Power LED tube (with integral driver), on existing fixture. Power Consumption of 18W / 20W system lumen efficacy ≥ 110 lm/Watt output, internal surge protection of 2.5K, THD < 15%, p.f. ≥ 0.95 , CRI > 80, life time of minimum 35000 Burning Hours with , 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K / 6000°K / 6500°K (As per ANSI Bin) , maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trademark certificate (T.C.).		
40.04	4', 18/ 20 Watt LED Tube Without Batten (Polycarbonate base)	Each	183
40.05	4', 18/ 20 Watt LED Tube Without Batten (Extruded Al Base)	Each	292
	Providing & Fixing of IP40 LED Recessed/Surface Mounted, Round / Square Non-Dimmable Back lit SMD Mid Power LED Downlight with die-cast aluminum housing & Heat Sink for heat dissipation with UVS tabilized non yellow Diffuser with internal/external BIS complience 2.5 kV surge protected Isolated driver, with Short & Open circuit protection, having efficiency > 85% and in compliance to IEC standards. System Lumen efficacy of ≥ 120 lm / watt, THD < 10%, p.f. ≥ 0.95 , CRI > 80, lifetime of minimum 50000 Burning Hours with , 70- B10 90% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K / 6000°K / 6500°K (As per ANSI Bin), maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate (T.C.).		
Recessed Mounting			
40.06	LED Downlight 2/3 Watt	Each	491
40.07	LED Downlight 6/7W	Each	542
40.08	LED Downlight 9/10W	Each	651
40.09	LED Downlight 14/15W	Each	797
40.10	LED Downlight 18/20W	Each	841
Surface Mounting			
40.11	LED Downlight 6/7W	Each	564
40.12	LED Downlight 12/14W	Each	666
40.13	LED Downlight 18/20W	Each	885
	Providing & Fixing of IP40 LED Surface/Recessed/suspended mounting Mid power SMD type LED Light fixture made from CRCA sheet steel housing, high purity / transmissivity UV stabilized Non -yellowish diffuser for uniform light distribution. High efficiency with 2.5 KV internal/external surge protection BIS certified isolated driver having efficiency > 85%, with Short & Open circuit protection and in compliance to IEC standards (Integral with light fixture). System lumen efficacy of ≥ 120 lm/Watt, THD < 10 % p.f. ≥ 0.95 , CRI > 80, life time of minimum 50000 Burning Hours with , 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K / 6000°K / 6500°K (As per ANSI Bin), maximum power consumption should not be more than the specified rating and Fixture shall be of BIS standard and trade mark certificate (T.C.).		

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Recessed Mounting			
40.14	36 W LED light fixture 2'x2' with acrylic/prismatic front cover.	Each	2721
40.15	48W LED light fixture 2'x2' with acrylic/prismatic front cover.	Each	3160
Suspended Mounting/Surface Mounting			
40.16	36W LED light fixture 2'x2' with acrylic/prismatic front cover.	Each	2941
40.17	48W LED light fixture 2'x2' with acrylic/prismatic front cover.	Each	3874
	Providing & Fixing of IP20 box made out from 1.2mm thick CRCA sheet steel with depth of minimum 30mm and finished with powder coating and suitable for mounting LED tube including side covers, holders, internal wiring to illuminate the single sided connection LED tube. (Without tube).		
40.18	Suitable for 4' LED Tube shape fixture 1X18/20 W	Each	245
40.19	Suitable for 4' LED Tube shape fixture 2X18/20 W	Each	276
	Providing & Fixing of IP65 IK10 rated Integrated SMD Mid power LED bulkhead type light fixture made from Pressure Die Cast Al housing suitable for mounting LED tube system (integral driver), system lumen efficacy ≥ 100 lm/Watt output, THD $< 15\%$, $p.f. \geq 0.95$, CRI > 80 , life time of minimum 50000 Burning Hours with , 70% of initial Lumen maintained till life ends, CCT 3000°K/4000° / 5700°K/6000°K/6500°K (As per ANSI in), maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate (T.C.).		
40.20	LED BULK head luminaire 6/7 W	Each	1172
40.21	LED BULK head luminaire 9/10 W	Each	1186
40.22	LED BULK head luminaire 15W	Each	1376
	Providing & Fixing of energy efficient/energy saving IP20 LED direct retrofit Bulb in existing holder or fixture as required with system lumen efficacy > 100 lm/ Watt output, $p.f. \geq 0.95$, CRI > 70 , minimum life time of minimum 25000 Burning Hours with , 70% of initial Lumen maintained till life ends, CCT 3000°K/ 4000°K /5700°K /6000°K/6500°K (As per ANSI Bin), maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard B1126 and trade mark certificate (T.C.).		
40.23	2/3Watt	Each	77
40.24	6/7Watt	Each	90
40.25	9Watt	Each	103
40.26	15 Watt	Each	136
40.27	18/20Watt	Each	194
Outdoor Lighting			
	Providing & Fixing of Normal/High Output High pressure sodium vapour/Metal halide/ Halogen lamp as required complete in all respect.		
HPSV Elliptical lamp Normal Output			
40.28	70Watt	Each	310
HPSV Tubular lamp Normal Output			
40.29	70Watt	Each	310
40.30	150Watt	Each	427
40.31	250Watt	Each	459
40.32	400Watt	Each	524

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Metal halide lamp double ended			
40.33	70Watt	Each	527
40.34	150Watt	Each	554
Metal halide lamp single ended tubular			
40.35	70Watt	Each	766
40.36	150Watt	Each	782
40.37	250Watt	Each	841
40.38	400Watt	Each	856
Halogen tube lamp			
40.39	500Watt	Each	77
40.40	1000Watt	Each	102
Providing & Fixing of Capacitors for power factor improvement in existing HPSV/ HPMV/ Metal halide lamp fixture as required complete in all respect.			
40.41	8mfd	Each	106
40.42	10mfd	Each	132
40.43	15mfd	Each	162
40.44	20mfd	Each	216
40.45	Providing & Fixing of Electronic ignitor suitable for HPSV/ Metal halide lamp of any rating complete in all respect.	Each	188
Providing & Fixing of vacuum pressure impregnated copper ballast suitable for HPMV / HPSV / Metal halide lamp luminaire as required complete in all respect.			
For HPSV/ Metal halide lamp			
40.50	70Watt	Each	1031
40.51	150Watt	Each	1509
40.52	250Watt	Each	2196
40.53	400Watt	Each	3169
Supply and erection of M.S .Galvanized Octagonal pole (as per BSEN 40-3-3:2003/BSEN10025/IS2062/IS:875Part-1-2015/ for MS plate for base flange) of following length and dimension with base plate on the cement concrete foundation of M-20 grade 1:1.5:3) as per IS-456/ IS-2911.with the help of anchor bolts of grade 6.8 (IS: 1367 P III).			
Octagonal MS Poles made of S-355JO grade steel sheet, folded length wise to obtained Octagonal shape, having single longitudinal seam weld and hot dipped galvanised internally & externally in accordance with IS2629.			
40.54	3Mtr.	Each	7003
40.55	4Mtr.	Each	8787
40.56	5Mtr.	Each	10947
40.57	6Mtr.	Each	12731
40.58	7Mtr.	Each	14896
40.59	8Mtr.	Each	17252
40.60	9Mtr.	Each	22381
40.61	10Mtr.	Each	25671
40.62	11Mtr.	Each	34029
40.63	12Mtr.	Each	39244

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	Supply, Erection and Fixing of hotdipped galvanised M.S.Over hang (48.3 X 3.25 mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles.		
40.64	Single arm overhang	Mtr.	1027
40.65	Double arm overhang	Mtr.	1807
	Supply and erection of MS swaged tubular pole conforming to IS:2713-1980 (part I toII) with galvanised base plate in position including excavation of the pit and filling the same with C.C. of M-20 grade (1:1.5:3) from base plate to 50 cm above ground level, with the help of steel frame not less than 40 cm dia up to 114.3 mm outer dia and 50 cm beyond 114.3mm outer dia around the pole. Duly finished with cement plaster, earthing terminals, cable entry, GI cable sleeve complete as required.		
40.66	7.5Mtr.(410SP-5)	Each	7886
40.67	8.5Mtr.(410SP-17)	Each	8596
40.68	9.0Mtr.(410SP-28)	Each	11064
40.69	10Mtr.(410SP-42)	Each	13642
40.70	11Mtr.(410SP-51)	Each	15826
40.71	12Mtr.(410SP-59)	Each	18951
	Supply and fixing of MS Overhang of following size over the existing poles. Overhang shall be painted with two coat of red oxide primer and two quote of enamel paint of silver colour.		
40.72	76.1mm ODx3.25mm thickness	Mtr.	574
40.73	88.9mm ODx3.25mm thickness	Mtr.	781
40.74	114.3mm ODx3.65mm thickness	Mtr.	1027
	Supply installation testing & Commissioning high mast lighting system (as per PLG 07of ILP UK technical report no7 of IL/EUK/IS:875 Part-1-2015 /BSEN10025/andIS:2062)consisting of totally hot dip galvanised by single dipped method high mast,lantern carriage suitable for upto 12 nos luminaries with welded arm (excluding luminaires), mast head frame assembly with full cover, including 1 No. LED 15 Watts aviation obstruction lights,double drum type self sustaining winch, integral power tool accesible from door with padlocking arrangement (winch motor with control circuit) hot dipped galvanised heavy duty pipe lightening final , S.S.ropes (AISI316,7/19 construction), EPR insulated PCP sheathed trailing cable, including outdoor type control panel for auto on / off, reverse / forward motor operation and CC foundation of M - 25 grade complete as requiredas per IS 456/IS 2911.		
40.75	12.5Mtr HM (in 2 section)	Each	170823
40.76	16.0Mtr HM (in 2 section)	Each	264755
40.77	20.0Mtr HM (in 2 section)	Each	311115
40.78	25.0Mtr IIM (in 3 section)	Each	344014
40.79	30.0Mtr IIM (in 3 section)	Each	407188
40.80	Providing & Fixing of IP-65 Protected LED aviation obstruction light luminaire comprising of die cast aluminium alloy housing with Polycarbonate enclosure having more than 200 Nos Low Power LED's having minimum power consumption 15 watts complete in all respect.		
40.81	aviation obstruction LED light luminaire Min. 15 Watts	Each	5595




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	Providing & Fixing IK 10 IP-65 protected Top/Bottom mounted LED Post top Light system. Fixture made of powder coated die cast aluminium housing with UV stablized PC diffuser. The System level Luminous efficacy >90 Lumen/W. SMD LEDs is to be used, System RI>70,CCT:3000/4000/6500K. The integral electronic driver must be potted & has a unique BIS R number must be potted & has a unique BIS R number constant current and Internal/ external surge protection device of min. 4KV (L-N) and efficiency > 85%, PF>0.9, THID<20% and input Voltage range of 90-270V AC at 50Hz. System life of 30000 Burning hours with 70% of Initial Lumens maintained Light output in Cool white or Warm White Colour.		
40.82	25W LED Post Top Fixture	Each	6588
40.83	30W LED Post Top Fixture	Each	6937
40.84	40 W LED Post Top Fixture	Each	7901
40.85	45 W LED Post Top Fixture	Each	8251
	Providing & Fixing of IK07 IP-66 protected high power LED flood light system with Pressure die cast aluminium housing LM6/ADC12 material, toughened glass diffuser with suitable lenses on LED to achieve various beam angles, 240 volt, 50Hz, of high power LED lamps. Integrated driver must be potted & has a unique BIS R number shall be high efficiency having efficiency more than 85 % and in compliance to BIS certified and T.C.certificate. The System level Luminaire efficiency > 120 lm/ watt with High Power LEDs is to be used . LED driver Input Voltage AC120 V to 270 V AC with High voltage Cut off@>=300V AC and Auto resetting Safety. Input Frequency 50Hz±3%, PowerFactor>0.95, driver Efficiency >85%,THID(I)<10%, driver current<1000 mA .		
40.86	High Power LED Flood Light 30W	Each	2856
40.87	High Power LED Flood Light 50W	Each	4957
40.88	High Power LED Flood Light 70W	Each	6785
40.89	High Power LED Flood Light 80W	Each	7310
40.90	High Power LED Flood Light 100W	Each	9062
40.91	High Power LED Flood Light 120W	Each	12641
40.92	High Power LED Flood Light 150W	Each	13515
40.93	High Power LED Flood Light 180W	Each	23148
40.94	High Power LED Flood Light 200W	Each	24975
40.95	High Power LED Flood Light 240W	Each	31980
40.96	High Power LED Flood Light 300W	Each	33807
40.97	High Power LED Flood Light 350W	Each	40812

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	<p>Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ADC12 material with heat dissipation housing with UV stabilized PC/Toughened Glass cover (UV stablization report submitted for UV cover) and secondary lens on each LED & should be SMD type . The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BISR number with Input Voltage AC120to270VAC with High voltage Cutoff @>=300VAC and Auto resetting Safety ,Input Frequency 50Hz+3% Power Factor >0.95 driver Efficiency>85%, THDI<10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report.The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum70% lumen maintai+B1214ned ,color Rendering Index >70and CCT5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external.</p>		
40.98	LED Street Light fixture 20 Watt	Each	2079
40.99	LED Street Light fixture 30 Watt	Each	2779
40.100	LED Street Light fixture 45 Watt	Each	4968
40.101	LED Street Light fixture 60 Watt	Each	5407
40.102	LED Street Light fixture 70 Watt	Each	5921
40.103	LED Street Light fixture 90 Watt	Each	8547
40.104	LED Street Light fixture 100 Watt	Each	9861
40.105	LED Street Light fixture 120 Watt	Each	10812
40.106	LED Street Light fixture 140 Watt	Each	12125
40.107	LED Street Light fixture 150 Watt	Each	12564
40.108	LED Street Light fixture 180 Watt	Each	13515
40.109	LED Street Light fixture 210 Watt	Each	22272
40.110	<p>Providing and fixing of fuse box size 250(H) x 200(W) x 150(D) mm fabricated of 1.6mm MS sheet with hinged cover, dust and vermin proof, rubber gasket, locking arrangement, duly holded with 2 nos pole clamps of 20 mm x 3 mm flat with nut and bolts, complete with anti corrosive treatment, finished with two coat of approved enamel paint.The box shall be provided with 2/4 no scopper busbar 125x20 x 3 mm with brass screws suitable supports,earth terminal, inter connection, knockouts for 20/25 mm cable gland,1 no.16 Amp kitkat fuse complete in all respect.</p>	Each	1839
	<p>Providing and fixing of IP65 protected Polycarbonate/ Polysterene fuse box moulded with inside knock outs of following size with hinged cover,transparent window, PU gasket, locking arrangement, duly holded with 2 nos. pole clamps of 20 mm x 3 mm flat with nut and bolts, The box shall be provided with Din rail, 4 / 8 way 10.0 / 16.0sq.mm heavy duty connector, earth terminal,complete in all respect.</p>		
40.111	125mmX200mmX122mm	Each	1455
40.112	160mmX225mmX100mm	Each	1762
40.113	200mmX200mmX122mm	Each	2336
40.114	225mmX225mmX100mm	Each	2912




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	Providing & Fixing of thermoplastic Polycarbonate cable junction boxes with IP66 rating of protection & knock out for cable entry/out of following sizes including clamps for holding the box, including cost of DIN rail for MCB mounting, 10 Sqmm 4 pole connectors for cables terminals, threaded cable glands made of polyamide material etc. complete in all respect.		
40.115	175mmX150mmX100mm	Each	574
40.116	300mmX200mmX125mm	Each	766
	Providing & Fixing of Street light bracket made out from following size of 'B' class, Medium class G.I.Pipe conforming to IS:1239P-1 (2004) with heavy duty pole clamp, Saddles suitable fasteners etc. as required.		
40.117	20mm Dia.	Mtr.	206
40.118	25mm Dia.	Mtr.	255
40.119	32mm Dia.	Mtr.	314
40.120	40mm Dia.	Mtr.	336
	Providing & Fixing of IP-65 protected impact resistant polycarbonate / Polyesterene enclosures with knock out for cable entry/out including fixing with nut, bolt, fastener etc as required complete in all respect of following sizes.		
40.121	180x180x91mm	Each	995
40.122	250x200x115mm	Each	1150
40.123	300x450x132mm	Each	1992
40.124	320x440x179mm	Each	2727
40.125	320x640x179mm	Each	4137

Chandra Shekhar Purohit

(Chandra Shekhar Purohit)
Sr. Account
Officer (Vyasi HEP)

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General Manager (Design),
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Saurabh Pandey

(Saurabh Pandey)
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(Pankaj Agarwal)
General Manager,
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Vivek Atreya

(Vivek Atreya)
Executive Director (E&M),
Dehradun

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