

Sr No	Decription of Item	Unit	Qty
1 Construction Power - Godrej Vashi			
1.1	SITC of 11kV RMU (3+1) as per MSEDCL specifications	Nos.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.2	SITC of 11 KV HT Metering Cubical having CT ratio of 25/5 A 10 VA Burden, 0.5S class & PT ratio of 11000/V3/110/V3 50 VA Burden, 0.5class. The Metering cubical shloud be tested by MSEDCL authorities and necessary Test Certificates should be made available. 0.5 class /5A HT TOD meter duly tested & sealed by MSEDCL authority	Nos.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.3	SITC of 11Kv , 630 A, 25 Ka Indoor Air break Insulated Switch Fuse Unit with Rated Protection Fuse set. Encapsulated in Powered coated Housing Cabinet mounted on C shape MS channels.(1 nos. incoming + 1 nos. outgoing).	Nos.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.4	SITC of 11kV VCE (1 I/C+1 O/G) as per MSEDCL specifications	Nos.	RO
1.5	SITC of 630 kVA ,3 phase, 50 c/s Oil immersed and naturally cooled indoor type, copper wound transformer with delta conn. on HV side & star connection on LV side with additional neutral brought out on load side, voltage rating 11 / 0.433kV with standard accessories.(As per latest MSEDCL specification)	Nos.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05

Sr No	Decription of Item	Unit	Qty
	5% against Handover		0.05
1.6	SITC of LT Panel or 8Way Feeder Pillar with ACB	Nos.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.7	Providing foundation for 630KVA Transformer as per MSEDCL specification & requirement	Nos.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.8	Providing foundation for 11KV RMU (2+1) as per MSEDCL specification & requirement	Nos.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.9	Providing foundation for Metering Kiosk & LBS as per MSEDCL specification & requirement	Nos.	2.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.10	SITC of 11 KV 3C x 300 sq.mm. HT XPLE Cable. (Including Excavation as per MSEDCL norms)(MSEDCL apparooved make)	Mtr.	80.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.11	160mm OD DWC Pipe	Rmtr	20.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.12	150 mm dia RCC half round pipe	Rmtr	125.00
	70% against Supply		0.70

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	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.13	SITC of 11 KV 3C x 95 sq.mm. HT XPLE Cable. (Including Excavation as per MSEDCL norms)(MSEDCL apparooved make)	Mtr.	40.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.14	SITC of LT 1100 V grade 3.5 core 300 sq. mm. Al arm Cable	Mtr.	545.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.15	SITC of 11 KV 3C x 95 sq.mm. Heat Shrinkable Indoor type End Termination Joint	Nos.	6.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.16	SITC of 11 KV 3C x 300 sq.mm. Heat Shrinkable Indoor type End Termination Joint	Nos.	2.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.17	SITC of Termiantion of LT 3.5C x 300 sq.mm. Cable with suitable size of SC Gland & Allum. Lugs complete	Nos.	10.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05

Sr No	Decription of Item	Unit	Qty
1.18	SITC of Cu bonded earth rod with earth station size 40mm dia 3000 mm long, complying to IS 3043 complete in all respects with excavation in all types of soil, murrum or rock, filling with backfill compound, durable masonry chamber in rich plastered brick work, with 300x300mm CI chamber cover. The earth pit identification shall be marked with paint on the cover in an approved manner. (Metering Kiosk - 9Nos Transformer Neutral - 2Nos Spare - 1Nos)	Nos.	12.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.19	SITC of Gi pipe in pipe earth rod with earth station size 40mm dia 3000 mm long, complying to IS 3043 complete in all respects with excavation in all types of soil, murrum or rock, filling with backfill compound, durable masonry chamber in rich plastered brick work, with 300x300mm CI chamber cover. The earth pit identification shall be marked with paint on the cover in an approved manner. (Rmu - 2nos LBS - 2Nos Transformer Body - 2Nos 8W FP - 2Nos Fencing - 1Nos Spare - 1Nos)	Nos.	20.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.2	S & E 25x3 mm. Cu Strip for Kiosk Earthing with insulative sleeves and brass nut bolting	Mtr.	125.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05

Sr No	Decription of Item	Unit	Qty
	5% against Handover		0.05
1.21	S & E 50x5 mm. Cu Strip for Earthing with insulative sleeves and brass nut bolting	Mtr.	30.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.22	S & E 50x5 mm. GI Strip for Earthing	Mtr.	150.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.23	Constrcution of Shed of (9 x 7 Mtr) for Temporary Substation with Precoated sheet with support of 50x50x5 mm. MS Angle & MS Hollow Pipe & vertical support of 75x75x5 mm. MS Angle erected in CC Foundation The Steel members shall be porvided with one coat of Red oxide primer and two coats of enamel paint	Job	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.24	Supplying and erecting Chainlink fencing wiremesh with door for Sub Station The Support Steel members shall be porvided with one coat of Red oxide primer and two coats of enamel paint. (7.5 x 5.5mtr with 1nos gate 2 Mtr. & 1nos gate 1 Mtr.)	Job	2.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.25	Supply & Installation of 20 mm metal in substation	CUM	20.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.26	Supply and installation of fire extinguisher 4.5kg CO2 type as per MSEDCL norms	No.	8.00

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	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.27	Supplying & Erecting floor mounted stand for keeping 4 Nos. Sand Buckets painted with Anti rust coat of primer and two coats of enemel paint.	Nos.	2.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.28	Supplying & Erecting 11 KV Handgloves set	No.	2.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.29	Supplying & Erecting Rubber Mat suitable for 11 KV class "B" type.	No.	2.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.30	Supplying & Erecting Rubber Mat suitable for 1.1 KV class "A" type.	No.	4.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.31	Supply and installation of shock treatment chart as per MSEDCL requirement	No.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.32	Supply and installation of First aid box	No.	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
1.33	Supply and Installation of Danger board	No.	6.00
	70% against Supply		0.70
	20% against Installation		0.20

Sr No	Decription of Item	Unit	Qty
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2 Extra Items			
2.1	Supply, installation,. testing and commissioning of Office Panel (indor type) as below suitable for Indoor application complete as per Approved SLD		
	Incomer : 250A TPN MCCB, with , multifunction KWH meter light indicator RYB , ON/Off/ Trip indication. 4 pole 250A power Contactor/ Aluminium bus bar		
	Earth Leakage Relay - L&T make		
	Outgoing : . 40A SP MCB - 10 nos. - L&T make/ Schneider, 40 A TPN MCB 3 number, Out going chamber with suitable connector for cable termination.	No	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.2	Supply, installation,. testing and commissioning of 4 way Feeder with 400A MCCB Pillar as below suitable for Indoor application complete as per SLD - Rehab Bldg with fancing	No	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.3	Supply, installation,. testing and commissioning of 4 way Feeder with 250A MCCB Pillar as below suitable for Indoor application complete as per SLD - Sale Bldg with fancing	No	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05

Sr No	Decription of Item	Unit	Qty
2.4	Supply & installtion, testing and commissioing of following way, three pole & neutral, sheet steel, MCB distribution board, 415V, on surface / recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatized & powder painted including earthing etc. as required. (But without MCB / RCCB / ISOLATER)		
	6 way , Double door Horizontal Type TPN DB	No	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.5	Supply & fixing following rating, four pole, (TP&N), 415V, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milli Amp in the existing MCB DB complete with connections, testing & commsioning etc. as required.		
	63 Amps, (as incomer to DB)	No	1.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.6	Supply & fixing 5 amps to 32 amps rating, 240V, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing & commsioning etc. as required.		
	10 / 16 / 25 Amps SPMCB'S as outgoings from DB	Nos	18.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.7	4C x 10 Sq.mm Al. Armd Cable for Lighting DB Incomer Cable FRLS	Mtrs	125.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05

Sr No	Decription of Item	Unit	Qty
	5% against Handover		0.05
2.8	3C x 2.5 Sq.mm Copper Armd Cable FRLS	Mtrs	4,000.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.9	SITC of Termiantion of LT 3C x 10 sq.mm. Cable with suitable size of SC Gland & Allum. Lugs complete	Nos	2.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.10	SITC of Termiantion of LT 3C x 2.5 sq.mm. Cable with suitable size of SC Gland & Allum. Lugs complete	Nos	8.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.11	Supply & Installation of (1 X 100W) LED Flood Light	Nos	40.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.12	Supply and laying earth strips 0.5M below ground/exposed including connections by proper nut-bolts/welding 8 SWG GI. Wire for earthing of DB, sub panels and HVAC panels etc.	Mtrs	125.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.13	Supply and laying earth strips 0.5M below ground/exposed including connections by proper nut-bolts/welding 25x 6 mm GI strip	Mtrs	75.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05

Sr No	Decription of Item	Unit	Qty
2.14	Supply and installation of fire extinguisher 4.5 kg Powder type as per MSEDCL norms	Nos	4.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.15	Three Phase Energy Meter KWH meter	Nos	2.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.16	228.43 Sqmtr Land lease deed agreement with MSEDCL for 11/0.433kv Distribution Sub-Stations-Stamp Duty	LS	1.00
2.17	228.43 Sqmtr Land lease deed agreement with MSEDCL for 11/0.433kv Distribution Sub-Stations-Registration fees	LS	1.00
2.18	Providing & supply 300mm dia pipeline and laying fitting, with excavation. Item to include labour, breaker machine, JCB, Hydra, transportation. Following is inclusive in the rate 1. DI pipe 300mm dia - per meter 2. Adaptor 150mm - 1no./10 meter 3. Bend flange 150mm dia - 1no./10 meter 4. Bend 300mm dia 90deg - 1no./40 meter 5. Bend 300mm dia 45deg - 1no./20 meter 6. 300mm dia GP joint - 1no./20 meter	Mtrs	40.00
	70% against Supply		0.70
	20% against Installation		0.20
	5% against testing & commissioning		0.05
	5% against Handover		0.05
2.19	Consultancy Charges	LS	1.00
3 Construction Power - amd			
3.1	160mm OD DWC Pipe	RM	4.00
3.2	150 mm dia RCC half round pipe	RM	275.00

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3.3	<p>SITC of Gi pipe in pipe earth rod with earth station size 40mm dia 3000 mm long, complying to IS 3043 complete in all respects with excavation in all types of soil, murrum or rock, filling with backfill compound, durable masonry chamber in rich plastered brick work, with 300x300mm CI chamber cover. The earth pit identification shall be marked with paint on the cover in an approved manner.</p> <p>(Rmu - 2nos LBS - 2Nos Transformer Body - 2Nos 8W FP - 2Nos Fencing - 1Nos Spare - 1Nos)</p>	NOS	2.00
3.4	S & E 50x5 mm. GI Strip for Earthing	M	160.00
3.5	Supplying & Erecting floor mounted stand for keeping 4 Nos. Sand Buckets painted with Anti rust coat of primer and two coats of enemel paint.	NOS	1.00
3.6	Supply and installation of shock treatment chart as per MSEDCL requirement	NOS	3.00
3.7	Supply & installtion, testing and commissioing of following way, three pole & neutral, sheet steel, MCB distribution board, 415V, on surface / recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatized & powder painted including earthing etc. as required. (But without MCB /RCCB / ISOLATER).	NOS	1.00

Sr No	Decription of Item	Unit	Qty
3.8	Supply & fixing following rating, four pole, (TP&N), 415V, residual current circuit breaker (RCCB), having a sensitivity current upto 30 milli Amp in the existing MCB DB complete with connections, testing & commsioning etc. as required. 6 way , Double door Horizontal Type TPN DB	NOS	9.00
3.9	Supply & fixing 5 amps to 32 amps rating, 240V, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing & commsioning etc. as required. 10 / 16 / 25 Amps SPMCB'S as outgoings from DB	NOS	12.00
3.10	4C x 10 Sq.mm Al. Armd Cable for Lighting DB Incomer Cable FRLS	M	60.00
3.11	SITC of Termiantion of LT 4C x 10 sq.mm. Cable with suitable size of SC Gland & Allum. Lugs complete	NOS	10.00
3.12	SITC of Termiantion of LT 3C x 2.5 sq.mm. Cable with suitable size of SC Gland & Allum. Lugs complete	NOS	57.00
3.13	Supply & Installation of (1 X 100W) LED Flood Light	NOS	10.00
4 Extra Item - amd			
4.1	SITC of "T" Structure for Halogen Mounting using I beam channel & MS Angle for fixing the external area lighting.	KG	545.00
4.2	SITC of 4CX6 SQMM CU flexible FRLS cable with proper hanging arrangement / laying in insulated hanging rod. For Supplied Fogging Machine	M	150.00
4.3	SITC of termination of 4CX6 SQMM CU flexible cable FRLS with proper double compressed PG gland and copper lug. For Supplied Fogging Machine	NOS	6.00
4.4	SITC of 1CX6 SQMM CU flexible FRLS wire green color with proper laying and termination by using the ring type copper lug. For Body Earthing to Supplied Fogging Machine.	M	120.00

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4.5	SITC of outdoor type PVC heavyduty box with locking arrangement for placing of fuse unit for external Godrej Hoarding sign board lighting.	NOS	1.00
4.6	SITC of Termination Box for External area light cable looping.	NOS	25.00
4.7	SITC of 3.5C x 35 Sq.mm Al. Armd Cable	M	350.00
4.8	SITC of 3.5C x 35 Sq.mm Al. Armd Cable Termination for safety porta cabin power supply.	NOS	10.00
4.9	SITC of Metering Cubicle Stand as per requirement of MSEB instruction.	KG	83.30
4.10	DB Removing & Installation for operational of site office.	LS	1.00
4.11	SITC of Plywood 2x2 for mounting of lighting DB.	NOS	3.00
4.12	SI of Sunboard for safety compliance at office area, Electrical room and Transformer area and construction area.	NOS	16.00
4.13	Making the PCC Inside Substation & LT panel Rooms	M3	31.852
4.14	SITC of 20W Tubelight	NOS	12.00
4.15	SI of Route Marker with proper fixing as per electrical standard.	NOS	40.00
4.16	SITC of 2P RCCB 63A.	NOS	5.00
4.17	SITC of 2.5 Sqmm 1C Cu Cable for Container Office area DB Earthing.	M	90.00
4.18	SITC of 20A 2P AC Box 3 Way for Office area toilet porta cabin	NOS	1.00
4.19	Tanents pending bill payment-1	LS	1.00
4.20	Tanents pending bill payment-2	LS	1.00
4.21	To carryout Survey of all society and take the details of existing Energy meters like a/c Consumer No., Meter No, Flat No & name, etc.To disconnect the meters & deposit to MSEDCL after making final bill payment and acknowledgement	NOS	256.00
4.22	SITC of Straight Through Joint 11KV 3C 300Sqmm at Subststion area.	NOS	2.00

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4.23	Shifting and installation of MSEB panel from construction are to outer side.	LS	1.00
5 Extra item Amd 03			
5.1	Construction Power - Godrej Vashi Providing foundation for 630KVA Transformer as per MSEDCL specification & requirement	NOS	1.00
5.2	SITC of 11 KV 3C x 300 sq.mm. HT XPLE Cable. (Including Excavation as per MSEDCL norms)(MSEDCL apparooved make)	M	100.00
5.3	SITC of 11 KV 3C x 95 sq.mm. Heat Shrinkable Indoor type End Termination Joint	NOS	4.00
5.4	SITC of 11 KV 3C x 300 sq.mm. Heat Shrinkable Indoor type End Termination Joint	NOS	2.00
5.5	SITC of Termiantion of LT 3.5C x 300 sq.mm. Cable with suitable size of SC Gland & Allum. Lugs complete	NOS	8.00
5.6	SITC of Cu bonded earth rod with earth station size 40mm dia 3000 mm long, complying to IS 3043 complete in all respects with excavation in all types of soil, murrum or rock, filling with backfill compound, durable masonry chamber in rich plastered brick work, with 300x300mm CI chamber cover. The earth pit identification shall be marked with paint on the cover in an approved manner. (Metering Kiosk - 9Nos Transformer Neutral - 2Nos Spare - 1Nos)	NOS	8.00

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5.7	SITC of Gi pipe in pipe earth rod with earth station size 40mm dia 3000 mm long, complying to IS 3043 complete in all respects with excavation in all types of soil, murrum or rock, filling with backfill compound, durable masonry chamber in rich plastered brick work, with 300x300mm CI chamber cover. The earth pit identification shall be marked with paint on the cover in an approved manner. (Rmu - 2nos LBS - 2Nos Transformer Body - 2Nos 8W FP - 2Nos Fencing - 1Nos Spare - 1Nos)	NOS	9.00
5.8	S & E 25x3 mm. Cu Strip for Kiosk Earthing with insulative sleeves and brass nut bolting	M	50.00
5.9	S & E 50x5 mm. GI Strip for Earthing	M	75.00
5.10	SITC of Straight Through Joint 11KV 3C 300Sqmm at Subststion area.	NOS	2.00
5.11	Shifting & Installation of 630 KVA Transformer	NOS	1.00
5.12	Shifting & Installation of 11KV, RMU	NOS	1.00
5.13	Shifting & Installation of 8-Way FP	NOS	1.00
5.14	50x5mm Cu strip removing & re-installation at new location	M	30.00
5.15	50x5mm GI strip removing & re-installation at new location	M	80.00
5.16	Removing, Dismantalling & Reinstallation & Fencing, Doors, Shed etc	LS	1.00
5.17	11KV, 95 Sqmm/3C HT Cable removing & reinstallation	LS	1.00
5.18	Shifting & installation of metering kiosk along with foundation	LS	1.00
5.19	LT cables from 630 KVA Transformer to 8-Way FP removing & reinstallation at new location.	LS	1.00
5.20	Laisoning for obtaining estimate sanction for shifting of substation from MSEDCL	LS	1.00

Sr No	Decription of Item	Unit	Qty
5.21	Liasioning for Drawing approval & charging NOC from Electrical Inspector, PWD	LS	1.00
5.22	PCC for Substation (7.5 x 6.5 Mtrs)	M2	1.00
5.23	Shifting & Installation of LBS (RMU) (1+1)	NOS	1.00
5.24	11KV RMU (3+1) Civil Foundation	NOS	1.00
5.25	8 Way FP Civil Foundation	NOS	1.00