

Sr. No.	Item No.	Item Description	Quantity	Unit
10	000000 0000	Supply & Services for Express Feeder-ART Supply & Services for Express Feeder-ART Scope Description 1)Confirmation on Express feeder and urban feeder facility in same premises 2)"Confirmation on using either 2+1 or 3 + 1 RMU for primary input from MSEDCL. (One Urban Feeder & one Express Feeder with standby to express feeder, to be confirmed from State Authority and then Quote accordingly.)" 3)Confirmation on getting Both (Express and Urban) Feeder in same premises from MSEDCL and also if both the feeder are provided from same substation or different substation. 4)Contractor's Scope of RMU panel room & cubical meter room 5)Contractor's scope of preparing Documents & drawings for approval and also getting approved 6)Approved SLD of MSEDCL substation to ALL substation before starting work 7)Work Schedule need to submit along with BOQ 8)All GA drawings need to submit along with BOQ (Only MSEDCL approved drawings to submit after submission of PO)	0.000	
10	20	SUPP. OF CT MK BOX DUPLEX Including Supply ,Testing & Installation	1.000	NOS
10	30	SUPP. OF FOUNDATION MATERIAL Including Testing & Installation	1.000	NOS
10	40	ITC OF 22KV, RMU (2 ISO + 1 BKR) Including Supply ,Testing & Installation #Payment terms -70% Payment against delivery and 30 % after work Completion witin 7 Days	1.000	NOS
10	50	ITC OF 22KV METERING CUBICLE Including Supply ,Testing & Installation #Payment terms -70% Payment against delivery and 30 % after work Completion witin 7 Days	2.000	NOS
10	60	MAKING FOUNDATION FOR 22KV RMU(2+1) Including Supply ,Testing & Installation	1.000	NOS
10	70	MAKING FOUNDATION FOR METERING CUBICLE Including Supply ,Testing & Installation	2.000	NOS
10	80	LAYING OF 22KV, 3C X 300SQMM XLPE CABLE Including Supply ,Testing & Installation #Payment terms -70% Payment against delivery and 30 % after work Completion witin 7 Days	3050.000	M
10	90	ITC OF STRAIGHT THROUGH JOINT FOR 22KV Including Supply ,Testing & Installation	6.000	NOS
10	100	ITC OF INDOOR TERMINATION KIT FOR 22KV Including Supply ,Testing & Installation	8.000	NOS
10	110	ITC OF TERMINATION KIT FOR 22KV Including Supply ,Testing & Installation	3.000	NOS
10	120	LAYING OF 150MM DIA HALF ROUND RCC PIPES Including Supply ,Testing & Installation	2400.000	M
10	130	LAYING OF 150MM DIA FULL ROUND RCC PIPES Including Supply ,Testing & Installation	100.000	M
10	140	LAYING OF CRUSH SAND Including Supply ,Testing & Installation	325.000	M3
10	150	ISO. CENTER POST ROTATING WITH EARTH S/W Including Supply ,Testing & Installation	1.000	NOS
10	160	ISO. CNT POST ROTATING W/O EARTH SWITCH. Including Supply ,Testing & Installation	1.000	NOS
10	170	ITC VACCUM CIRCUIT BREAKER. Including Supply ,Testing & Installation #Payment terms -70% Payment against delivery and 30 % after work Completion witin 7 Days	1.000	NOS
10	180	800/1-1 OR 400/1-1 CTS Including Supply ,Testing & Installation	3.000	NOS

10	190	INSTALLATION OF 18KV 10KA LA Including Supply ,Testing & Installation	3.000	NOS
10	200	INSTALLATION OF CONTROL & RELAY PANEL Including Supply ,Testing & Installation # Payment terms -70% Payment against delivery and 30 % after work Completion witin 7 Days	1.000	NOS
10	210	ITC OF CONTROL CABLES Including Supply ,Testing & Installation	1.000	NOS
10	220	INSTALLATION & FAB. OF GI STRUCTURE Including Supply ,Testing & Installation	1.000	TON
10	230	DOUBLE POLE GENTRY Including Supply ,Testing & Installation	1.500	TON
10	240	ACSR 0.2 OR 0.4 SQMM TWIN CONDUCTOR. Including Supply ,Testing & Installation	200.000	M
10	250	INSTALLATION OF SUNDRIES MATERIALS Including Supply ,Testing & Installation	1.000	NOS
10	260	INST. OF EARTHING & ALLIED MATERIALS Including Supply ,Testing & Installation	1.000	NOS
10	270	ETC OF ABT METER Including Testing & Installation	1.000	NOS
10	280	INSTALLATION OF CT MK BOX DUPLEX Including Testing & Installation	1.000	NOS
10	290	CIVIL WORK FOUNDATION FOR SWITCHGEAR. Including Supply ,Testing & Installation	1.000	NOS
10	300	22KV BAY ELECTRICAL INSPECTOR NOC For 22KV Bay <(>&<)> Breaker at 22KV Mahape Switching Station	1.000	NOS
10	310	LIAISON CHARGES FOR ESTIMATE SANCTION For 22KV Bay <(>&<)> Breaker at 22KV Mahape Switching Station	1.000	NOS
10	320	LIAISON CHARGES FOR NOC PWD Electrical Inspector for Charging Permission	1.000	NOS
10	330	LIAISON CHARGES FOR NMMC ROAD O/P PERM. NMMC road crossing charges	1.000	NOS
10	360	ENTIRE DISMANTLING OF EXISTING CT/PT&RMU Entire dismantling of Existing CT, PT, RMU <(>&<)> electrical accessories which is on MIDC drainage line which is for Express Feeder	1.000	NOS
20	000000 0000	Amendment for Express Feeder	0.000	
20	10	LIAISON CHARGES FOR ESTIMATE SANCTION For 22KV Bay <(>&<)> Breaker at 22KV Mahape Switching Station	1.000	NOS
20	20	LIAISON CHARGES FOR NMMC ROAD O/P PERM. NMMC road crossing charges	1.000	NOS
20	30	SITC OF 2.5 SQMM X 3C CU ARM FRLS CBL	1120.000	M
20	40	SITC OF 4 SQMM X 3C CU ARM FRLS CBL	50.000	M
20	50	SITC OF 16 SQMM X 4 C CU ARM FRLS CBL	300.000	M
20	60	SITC OF 2.5 SQMM X 4 C CU ARM FRLS CBL	50.000	M
20	70	SITC OF 4 SQMMX 4 C CU ARM FRLS CBL	150.000	M
20	80	SITC OF CABLE TERMINATION FOR 4 SQMMCBL	2.000	NOS
20	90	SITC OF CABLE TERM FOR 2.5 SQMM X 4C CBL	4.000	NOS
20	100	SITC OF 8 WAY SPN DB	1.000	NOS
20	110	SITC OF 6 TPN DB	1.000	NOS
20	120	SITC 8 WAY SPN DB	1.000	NOS
20	130	SITC OF 40W WELLGLASS FITTING 40W WELLGLASS FITTING WITH BRACKET FOR PENDENT MOUNTING. SAFE NON CLEAN AREA	8.000	NOS
20	140	SITC OF SURFACE MOUNTED DOWNLIGHT SURFACE MOUNTED LED WEATHER PROOF ROUND DOWNLIGHT	4.000	NOS
20	150	20A, SP MCB WITH POWDER COATED BOX 20A, SINGLE POLE MCB WITH POWDER COATED BOX WITH LOTO ARRANGEMENT (MCB-)	5.000	NOS

20	160	20A, SP MCB PWD COATED BOX FOR EME LIGHT 20A, SINGLE POLE MCB WITH POWDER COATED BOX WITH LOTO ARRANGEMENT FOR EMERGENCY LIGHTING (EMCB-)	1.000	NOS
20	170	6/16A, 230V SP MODULAR TYPE S/W NO. 6/16A, 230 V SINGLE POLE MODULAR TYPE SWITCH WITH GI METAL BOX WITH NORMAL FRONT PLATE COMPLETE WITH ALL ACCESSORIES WITH 1 NO 6/16A,5 PIN SOCKET OF TYPE (3 MODULE) (UPS-)	1.000	NOS
20	180	SITC OF PP 2X1.5 +1X15QMM FRLS WIRE SITC of Primary Point 2x1.5 +1x1 sqmm FRLS house wire in readymade 25 mm PVC MMS conduits	7.000	NOS
20	190	SITC OF SP 2X1.5 +1X15QMM FRLS WIRE SITC of secondary point 2x1.5 +1x1 sqmm FRLS house wire in readymade 25 mm PVC MMS conduits	7.000	NOS
20	200	MCB WITH ENCLOSURE 32A, 3 PHASE "MCB with Enclosure ""32A, THREE PHASE, 5 PIN INDUSTRIAL SOCKET WITH PLUG TOP + 32A, TP, MCB, WITH IP44 ENCLOSURE WITH POWDER COATED FRONT PLATE. (TP)"	2.000	NOS
20	210	MCB WITH ENCLOSURE 20 A,1-PHASE MCB with Enclosure "20A, SINGLE PHASE, 2P+E, 3 PIN INDUSTRIAL SOCKET WITH PLUG TOP + 20A , SP, MCB, WITH IP44 ENCLOSURE (WALL/SURFACE MOUNTED) (SP)	2.000	NOS
20	220	SITC OF MULTI SENSOR SMOKE DETECTOR	2.000	NOS
20	230	SITC OF MCP	1.000	NOS
20	240	SITC OF SOUNDER CUM FLASHER.	1.000	NOS
20	250	SITC OF 1.5 SQ MM X 2 C CABLE FOR FA INS	100.000	M
30	0000000000	Amendment in metering room for Exp Feed Rates are inclusive of all tools, tackles, necessary machinery, manpower, scaffolding, pumps, etc necessary to execute the jobs and not payable as extra	0.000	
30	10	SU&IN OF 150MM DIA HUME PIPE Supply, Laying And Fixing Of 150Mm Rcc Full Round Hume Pipe - IncludingExcavation Upto 1M Depth, Breaking Of Surface Pcc Concrete, And BackfillAvailable Soil	90.000	M
30	20	SU&IN OF 300MM DIA HUME PIPE Providing, Laying And Fixing With All Accessories Of 300Mm Hdpe Pipe.	70.000	M
30	30	CHAMBER MACKING Excavation, Pcc, Contruction Of Brick Wall, Internal Plaster, BackfillinFor Chambers, Rcc Cover(Size: 1 Mtr X 1Mtr)	6.000	Nos
30	40	EXCAVATION E.G.L TO 3.00 M Excavation For Foundation In Earth, Soils Of All Types, Sand Gravel And Soft Murum Upto Minimum 2.4M And Removing The Excavated Material Upto Distance Of 50 Meters Beyond The Building Area, Stacking And Spreading As Directed, Complete Etc. Complete	36.312	M3
30	50	P&D 230 THK. DRY RUBBLE STONE PACKING Providing and doing 230 thk. dry rubble stone packing in two layer of 115mm compacted thickness hard broken metal of 40mm to 90mm (each layer of 150 mm thick metal compacted to 115 mm thickness) or as specified under floor, foundation, steps, etc.	51.906	M2
30	60	P.C.C. (M:15) AT PLINTH LEVEL/GRADE SLAB	6.615	M3
30	70	RCC M25 IN SITU BELOW NGL TO FFL RCC M25 including formwork	24.148	M3
30	80	P&L RCC(M25) HEIGHT UPTO 5M. RCC M25 including formwork	38.314	M3

30	90	SUPPLY AND FIXING REINFORCEMENT WORK Providing, laying <(>&<)> fixing in position reinforcement as per drawings at all locations and levels including preparation of bar bending schedules and obtaining their approval from Owner/Engineer ,cutting, bending and binding with 16 G MS angles	2.000	TON
30	100	P&A 20MM THK SAND FACE PLASTER Providing And Appling 20Mm Thick External Sandface Plaster To Concrete//Brickwork Block Work In Two Coats; Base Coat 12Mm Thick In Cm 1:4 and A finishing Coat 8 Mm Thick In Cm 1:4 At All Levels Including Mixing With Fiber And Standard Waterprooing Compound	195.120	M2
30	110	P/F MANUAL OPERATED ROLLING SHUTTER	6.000	M2
30	120	DOOR-1800MMX 2200MM(2 HOUR FIRE RATING)	2.000	NOS
30	130	EMERGENCY DOOR WITH PB-1 LEAF (2 HR FR)	1.000	NOS
30	140	P/F FIXED WINDOW WITH SINGLE GLASS	9.849	M2
30	150	P/APP. EXTERNAL WALL PAINTING Providing and applying minimum two coats of approved shade for ICI Weather Shield paint in approved shade or equivalent approved make including one coat of surface treatment chemical (STC-10) <(>&<)> one coat of primer complete to all external surface	209.750	M2
30	170	P, F AND ERECTION CHEQUERED PLATE	1.196	TON
40	0000000000	Final amend in metering room of Exp feed	0.000	
40	10	EXCAVATION E.G.L TO 3.00 M	54.870	M3
40	20	P&D 230 THK. DRY RUBBLE STONE PACKING Providing and doing 230 thk. dry rubble stone packing in two layer of 115mm compacted thickness hard broken metal of 40mm to 90mm (each layer of 150 mm thick metal compacted to 115 mm thickness) or as specified under floor, foundation, steps, ramps and	21.620	M2
40	30	P/L PCC CONCRETE M10 Providing, mixing, placing consolidating and curing plain cement concrete in foundation for columns, walls, steps, beams, rafts, ducts, trenches, etc. and below floors, as specified and directed including shuttering etc. ""Cement will be free issue material	11.615	M3
40	40	SUPPLY AND FIXING REINFORCEMENT WORK Providing, laying <(>&<)> fixing in position reinforcement as per drawings at all locations and levels including preparation of bar bending schedules and obtaining their approval from Owner/Engineer ,cutting, bending and binding with 16 G MS angles	1.380	TON
40	50	SUP./INST. OF ROLLING SHUTTER GEAR BOX	1.000	EA
40	60	P/APP. INTERNAL WALL PAINTING	173.000	M2
40	70	MASS BACKFILLING Mass backfilling	65.760	M3
40	80	SHUTTERING FOR PCC/RCC UP TO PLINTH	130.010	M2
40	90	P/F ALL TYPES CENTERING&SHUTTERING	165.460	M2
40	100	P&A CHEMICAL WATERPROOFING	41.830	M2
40	110	P & F 110MM UPVC Supplying, delivering, laying and testing 110MM U-PVC pipe (S.W.R) Type-B (6 kg/cm2 Soil quality) of approved make for Sewage disposal including specials e.g. bends, offsets, 'Y'-s / Tees etc., jointing with solvent cement etc. all necessary puddle flange	12.000	RM
40	120	FABRICATION ISA 50X50X6MMMS ANGLE Fabrication <(>&<)> installation ISA 50 X 50 X 6 mm MS angle	163.290	KG

40	130	P/F AAC BLOCK WORK ABOVE FGL Providing and constructing Light Weight Concrete block, - Autoclaved Aerated Concrete blocks (AAC Blocks) of Siporex/ Aerocon/ Hebar- Magicrete or equivalent approved make, masonry walls in C.M (1:4) including pillars using blocks of first quality	67.760	M3
40	140	P&A 12-15MM THK PLASTER ON INNER FACE Providing and applying 12-15mm thick Plaster on Internal surfaces of brick/block walls in cement mortar 1:4, finished smooth/ mala with extra cement finishing, with cement not less than 2.2 kg per Sqm with accuracy of ± 2 mm. Rate shall include for	77.090	M2
40	150	P/APP. EXTERNAL WALL PAINTING Providing and applying minimum two coats of approved shade for ICI Weather Shield paint in approved shade or equivalent approved make including one coat of surface treatment chemical (STC-10) <(>&<)> one coat of primer complete to all external	77.093	M2