

SCHEDULE-A (BoQ-I)

Name of the Work: "CONSTRUCTION OF TUDA TOWERS AT NORTH-WEST CORNER OF ANNAMIAH CIRCLE ABUTTING RC ROAD AND AIR BY-PASS ROAD IN TIRUPATI, TIRUPATI DISTRICT, ANDHRA PRADESH"

(a) The quantities here given are those upon which the lumpsum tender cost of the work is based, but they are subject to the alterations, omissions or additions as provided for in the conditions of this contract and do not necessarily show the actual quantities of work to be done. The unit rates noted below are those governing payment of extras or deduction for omissions according to the contract, as set forth in the Preliminary specifications of the Andhra Pradesh Standard Specifications and other conditions or specifications of this contract.

It is to be expressly understood that the measured is to be taken net (not withstanding any custom or practice to the contrary) according to the actual quantities when in place and finished according to the drawings or as may be ordered from time to time by the Executive Engineer, and the cost calculated by measurement or weight, at the respective prices, without any additional charge for any necessary or contingent works connected therewith. The rates quoted are for works in site and complete in every respect.

Sl. No.	Probable Quantity in		Description of Work	A.P.S.S.N o./ MoRTH/ MORD	Estimate Rate in		Unit in Words	Amount in Rs.
	Figures	Words			Figures	Words		
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)
PART - A								
1			Earth work excavation for foundations and depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring ,sheeting, planking, strutting, etc. complete for finished item of work excluding dewatering charges etc	308				
1.1	37592.00	Thirty seven thousand five hundreded and ninety two cubic meters	Ordinary soil- Mechanical Means- upto 3m depth	308	86.33	Rupees Eighty six and paise thirty three only	One Cubic meter	32,45,317.36
1.2	37592.00	Thirty seven thousand five hundreded and ninety two cubic meters	Ordinary soil- Mechanical Means- beyond 3m and up to 6 m depth	308	98.67	Rupees ninety eight and paise sixty seven only	One Cubic meter	37,09,202.64
1.3	10734.00	Ten thousand seven hundreded and Thirty four cubic meters	Ordinary soils-Mechcanical Means beyond 6 m depth	308	123.71	Rupees one hundreded and twenty three and paise seventy one only	One Cubic meter	13,27,903.14

1.4	1193.00	One thousand one hundred and ninety three cubic meters	Ordinary rock (not requiring blasting)-Mechanical means up to 3m depth	308	157.43	Rupees one hundred and fifty seven and paise forty three only	One Cubic meter	1,87,813.99
2			Filling of foundations and basement with best river sand in layers of not more than 15 cms. thick each well watered to saturation and consolidated including cost and conveyance of all materials, incidental charges etc., complete.	309 310				
i	2210.00	Two thousand two hundred and ten cubic meters	-do For Basement		943.08	Rupees nine hundred and forty three and paise eight only	One Cubic meter	20,84,206.80
ii	8.00	Eight cubic meters	-do for Ground floor		939.24	Rupees Nine hundred and thirty nine and paise twenty four only	One Cubic meter	7,513.92
iii	8.50	Eight point Five zero cubic meters	-do for First floor		943.08	Rupees nine hundred and forty three and paise eight only	One Cubic meter	8,016.18
iv	24.00	Tewnty four Cubic meters	-do for Second floor		946.93	Rupees nine hundred and forty six and paise ninety three only	One Cubic meter	22,726.32
v	30.00	Thirty cubic meters	-do for Third floor		950.77	Rupees nine hundred and fifty and paise seventy seven only	One Cubic meter	28,523.10
vi	30.00	Thirty cubic meters	-do for Fourth floor		954.61	Rupees nine hundred and fifty four and paise Sixty one only	One Cubic meter	28,638.30
vii	35.00	Thirty five cubic meters	-do for Fifth floor		958.46	Rupees nine hundred and fifty Eight and paise Forty six only	One Cubic meter	33,546.10

	viii	35.00	Thirty five cubic meters	-do for Sixth floor		962.30	Rupees nine hundreded and sixty two and paise Thirty only	One Cubic meter	33,680.50
	ix	35.00	Thirty five cubic meters	-do for Seventh floor		966.14	Rupees nine hundreded and sixty Six and paise Fourteen only	One Cubic meter	33,814.90
	x	34.00	Thirty four cubic meters	-do for Eighth floor		970.00	Rupees nine hundreded and seventy only	One Cubic meter	32,980.00
	xi	35.00	Thirty five cubic meters	-do for Ninth floor		973.84	Rupees nine hundreded and seventy three and paise eighty four only	One Cubic meter	34,084.40
	xii	35.00	Thirty five cubic meters	-do for Tenth floor		977.68	Rupees nine hundreded and seventy Seven and paise sixty eight only	One Cubic meter	34,218.80
	xiii	35.00	Thirty five cubic meters	-do for Eleventh floor		981.53	Rupees nine hundreded and eighty one and paise fifty three only	One Cubic meter	34,353.55
	xiv	35.00	Thirty five cubic meters	-do for Twelvth floor		985.37	Rupees nine hundreded and eighty Five and paise Thirty seven only	One Cubic meter	34,487.95
	xv	35.00	Thirty five cubic meters	-do for Thirteenth floor		989.21	Rupees nine hundreded and eighty nine and paise Twenty one only	One Cubic meter	34,622.35
	3			Cement Concrete (1:4:8) using 40 mm (0.54 cu.m), 20mm (0.27 cu.m) and 12 mm (0.09 cu.m) nominal size hard broken granite crushed metal from any source conforming to the relevant ISI standards for foundations etc., laid in layers of not more than 15 cm thick well compacted including curing, ,machine mixing, cost and conveyance of all materials etc., complete.	402				

i	1254.00	one thousand two hundred and fifty four Cubic meters	for Basement		4,736.47	Rupees Four thousand seven hundred and thirty six and paise Fourty seven only	One Cubic meter	59,39,533.38
4			Supply and placing of the Design Mix Concrete M 30 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete using Batching Plant (15cum/hr) using 20mm HBG Crushed metal 0.512 cum (708 kgs),10mm HBG Crushed metal 0.354 cum (472kgs) and sand 0.437 cum (616 kg) with water cement ratio of 0.45 (180 Litres/Cum of concrete) including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water and admixture of 1.6 Kgs conforming to IS 9103-1993 etc., to site and sales & other taxes (Excluding GST) on all materials including all operational, incidental and labour charges such as batch mixing, conveyance of concrete by transit mixer with a lead up to 1 Km, concrete pumping, laying concrete, curing etc., and including centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)	403				
			The design mix shall be got designed by furnishing the information required as per clause 19.1.1 & 19.1.2 of IS 456-2000 by the contractor at his own cost and get approved from the competent authority before execution. The cement (Cement only without any other cementitious materials) considered for above M 30 grade concrete is 400 kgs. /Cum and the rate is arrived accordingly in the estimate. After the mix is designed and approved, any less usage of cement due to change in mix proportion and design proportion, if any that will be evolved in the laboratory will be recovered from the Contractor. No cost due to variation of other materials of mix due to change in mix design (i.e., other than cement) will be considered.					
4.1			For Footings					

	i	11852.00	Eleven thousand Eight hundreded and fifty two Cubic meters	-do For Basement		7,878.55	Rupees seven thousand eight hundreded and seventy eight and Paise fifty five only	One Cubic meter	933,76,574.60
	4.2	196.00	One hundreded and ninety six Cubic meters	For Plinth beam		10,527.89	Rupees ten thousand five hundreded and twenty seven and paise eighty nine only	One Cubic meter	20,63,466.44
	4.3	500.00	Five hundreded cubic meters	For RCC walls at basement (Excluding centering charges)		8,691.70	Rupees Eight thousand six hundreded ninety one and Paise Seventy only	One Cubic meter	43,45,850.00
	5			Filling of foundations and basement with good gravel in layers of not more than 15 cms. thick each well watered to saturation and consolidated including cost and conveyance of all materials, incidental charges etc., complete.	309 310				
	l	15772.00	Fifteen thousand seven hundreded and seventy two cubic meters	-do For Basement		352.32	Rupees Three hundreded and fifty two and paise thirty two only	One Cubic meter	55,56,791.04
	6	58535.00	Fifty eight thousand five hundreded and thirty five cubic meters	Conveyance of Excavated Earth / debris dismantling materials etc.,with a lead of 1 kms from work site including loading, unloading complete as directed during execution	NA	40.81	Rupees fourty and paise eighty one only	One Cubic meter	23,88,813.35

7			Supply and placing of Design Mix Concrete of M-60 grade corresponding to IS 456-Reaffirmed 2021 for prestressed/Rreinforced cement concrete work using Batching Plant of 15 Cum/Hr capacity with minimum cement content of 450 kgs per 1 cum of concrete, GGBS of 170 kgs (confirming to IS:16714:2018), 20mm HBG Crushed metal 0.110 cum (157 kgs),10mm HBG Crushed metal 0.480 cum (665 kgs) and sand 0.615 cum (867 kg) with Admixture 3.84 kgs confirming to IS:9103 -1993 and water cement ratio of 0.40 (179.80 Litres/Cum of concrete) including Pumping charges of concrete including hire charges of pump, carriage charges for all leads,piping work & accessories etc., including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes (Excluding GST) on all materials, conveyance of concrete by Transit mixer with a lead up to 1 Km, pumping of concrete to site of laying, centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as batch mixing, laying concrete, curing etc., complete but excluding cost of steel and its fabrication charges for finished item of work.	403				-
			The design mix shall be got designed by furnishing the information required as per clause 19.1.1 & 19.1.2 of IS 456-2000 by the contractor at his own cost and get approved from the competent authority before execution. The cement (Cement only without any other cementitious materials) considered for above M 60 grade concrete is 450 kgs. /Cum and the rate is arrived accordingly in the estimate. After the mix is designed and approved, any less usage of cement due to change in mix proportion and design proportion, if any that will be evolved in the laboratory will be recovered from the Contractor. No cost due to variation of other materials of mix due to change in mix design (i.e., other than cement) will be considered.					
7.1	72.00	Seventy Two Cubic meters	Pedastals (Columns up to Plinth)		9,261.51	Rupees Nine thousand two hundred and sixty one and paise Fifty one only	One Cubic meter	6,66,828.72
7.2			For Columns					
7.2.a			-do-For Columns up to 3.66 mts Unsupported height					
i	263.00	Two hundred and sixty three cubic meters	Basement		13650.19	Rupees Thirteen thousand six hundred and fifty and paise nineteen only	One Cubic meter	35,89,999.97

ii	259.00	Two hundred and fifty nine cubic meters	-do for Ground floor		13307.26	Rupees Thirteen thousand Three hundred and seven and paise Twenty six only	One Cubic meter	34,46,580.34
iii	260.00	Two hundred and Sixty cubic meters	-do for First floor		13650.19	Rupees Thirteen thousand six hundred and fifty and paise nineteen only	One Cubic meter	35,49,049.40
iv	235.00	Two hundred and Thirty five cubic meters	-do for Second floor		13991.70	Rupees Thirteen thousand Nine hundred and ninety one and paise Seventy only	One Cubic meter	32,88,049.50
v	235.00	Two hundred and Thirty five cubic meters	-do for Third floor		14334.63	Rupees Fourteen thousand three hundred and thirty four and paise sixty three only	One Cubic meter	33,68,638.05
vi	235.00	Two hundred and Thirty five cubic meters	-do for Fourth floor		14676.14	Rupees Fourteen thousand Six hundred and seventy six and paise fourteen only	One Cubic meter	34,48,892.90
vii	175.00	one hundred and seventy five cubic meters	-do for Fifth floor		15848.33	Rupees Fifteen thousand Eight hundred and forty eight and paise Thirty three only	One Cubic meter	27,73,457.75

viii	175.00	one hundred and seventy five cubic meters	-do for Sixth floor		16189.84	Rupees Sixteen thousand One hundred and Eighty nine and paise Eighty four only	One Cubic meter	28,33,222.00
ix	175.00	one hundred and seventy five cubic meters	-do for Seventh floor		16532.77	Rupees Sixteen thousand Five hundred and Thirty two and paise Seventy seven only	One Cubic meter	28,93,234.75
x	175.00	one hundred and seventy five cubic meters	-do for Eighth floor		16874.28	Rupees sixteen thousand Eight hundred and seventy four and paise Twenty eight only	One Cubic meter	29,52,999.00
xi	175.00	one hundred and seventy five cubic meters	-do for Ninth floor		18046.46	Rupees Eighteen thousand Forty Six and paise Forty six only	One Cubic meter	31,58,130.50
xii	175.00	one hundred and seventy five cubic meters	-do for Tenth floor		18387.97	Rupees Eighteen thousand three hundred and Eighty seven and paise Ninety seven only	One Cubic meter	32,17,894.75
xiii	175.00	one hundred and seventy five cubic meters	-do for Eleventh floor		18730.90	Rupees Eighteen thousand Seven hundred and Thirty and paise Ninety only	One Cubic meter	32,77,907.50

xiv	175.00	one hundred and seventy five cubic meters	-do for Twelvth floor		19072.41	Rupees Nineteen thousand Seventy two and paise Fourty one only	One Cubic meter	33,37,671.75
xv	175.00	one hundred and seventy five cubic meters	-do for Thirteenth floor		20244.60	Rupees Twenty thousand Two hundred and fourty four and Paise Sixty only	One Cubic meter	35,42,805.00
xvi	10.00	Ten cubic meters	-do for Terrace - I (Fourteenth Floor)		20586.11	Rupees Twenty thousand Five hundred and Eighty six and Paise Eleven only	One Cubic meter	2,05,861.10
xvii	15.00	Fifteen cubic meters	-do for Terrace - II (Fourteenth Floor)		20586.11	Rupees Twenty thousand Five hundred and Eighty six and Paise Eleven only	One Cubic meter	3,08,791.65
7.2.b			-do-For Columns with unsupported height of above 3.66 m and up to 4.88 mts					
i	72.00	Seventy Two Cubic meters	- Basement		15045.37	Rupees fifteen thousand fourty five and paise thirty seven only	One Cubic meter	10,83,266.64
7.3			-do-For shear Walls, RCC walls (Excluding centering charges)					
i	1025.00	One Thousand Twenty Five Cubic meters	-do for Basement		9464.47	Rupees Nine Thousand Four Hundred Sixty Four and Paise Forty Seven Only	One Cubic meter	97,01,081.75
ii	695.00	Six Hundred Ninety Five Cubic meters	-do for Ground floor		9464.47	Rupees Nine Thousand Four Hundred Sixty Four and Paise Forty Seven Only	One Cubic meter	65,77,806.65

iii	695.00	Six Hundred Ninety Five Cubic meters	-do for First floor		9464.47	Rupees Nine Thousand Four Hundred Sixty Four and Paise Forty Seven Only	One Cubic meter	65,77,806.65
iv	635.00	Six Hundred Thirty Five Cubic meters	-do for Second floor		9464.47	Rupees Nine Thousand Four Hundred Sixty Four and Paise Forty Seven Only	One Cubic meter	60,09,938.45
v	632.00	Six Hundred Thirty Two Cubic meters	-do for Third floor		9464.47	Rupees Nine Thousand Four Hundred Sixty Four and Paise Forty Seven Only	One Cubic meter	59,81,545.04
vi	635.00	Six Hundred Thirty Five Cubic meters	-do for Fourth floor		9464.47	Rupees Nine Thousand Four Hundred Sixty Four and Paise Forty Seven Only	One Cubic meter	60,09,938.45
vii	445.00	Four Hundred Forty Five Cubic meters	-do for Fifth floor		10293.72	Rupees Ten Thousand Two Hundred and Ninety three and Paise Seventy Two Only	One Cubic meter	45,80,705.40
viii	300.00	Three Hundred Cubic meters	-do for Sixth floor		10293.72	Rupees Ten Thousand Two Hundred and Ninety three and Paise Seventy Two Only	One Cubic meter	30,88,116.00
ix	445.00	Four Hundred Forty Five Cubic meters	-do for Seventh floor		10293.72	Rupees Ten Thousand Two Hundred and Ninety three and Paise Seventy Two Only	One Cubic meter	45,80,705.40

x	450.00	Four Hundred Fifty Cubic meters	-do for Eighth floor		10293.72	Rupees Ten Thousand Two Hundred and Ninety three and Paise Seventy Two Only	One Cubic meter	46,32,174.00
xi	450.00	Four Hundred Fifty Cubic meters	-do for Ninth floor		11122.98	Rupees Eleven Thousand One Hundred and Twenty two and Paise Ninety eight Only	One Cubic meter	50,05,341.00
xii	450.00	Four Hundred Fifty Cubic meters	-do for Tenth floor		11122.98	Rupees Eleven Thousand One Hundred and Twenty two and Paise Ninety eight Only	One Cubic meter	50,05,341.00
xiii	450.00	Four Hundred Fifty Cubic meters	-do for Eleventh floor		11122.98	Rupees Eleven Thousand One Hundred and Twenty two and Paise Ninety eight Only	One Cubic meter	50,05,341.00
xiv	450.00	Four Hundred Fifty Cubic meters	-do for Twelvth floor		11122.98	Rupees Eleven Thousand One Hundred and Twenty two and Paise Ninety eight Only	One Cubic meter	50,05,341.00
xv	450.00	Four Hundred Fifty Cubic meters	-do for Thirteenth floor		11952.23	Rupees Eleven Thousand Nine Hundred and fifty two and Paise Twenty three Only	One Cubic meter	53,78,503.50

xvi	150.00	One Hundred Fifty Cubic meters	-do for Terrace - I (Fourteenth Floor)		11952.23	Rupees Eleven Thousand Nine Hundred and fifty two and Paise Twenty three Only	One Cubic meter	17,92,834.50
xvii	140.00	One Hundred Forty Cubic meters	-do for Terrace - II (Fourteenth Floor)		11952.23	Rupees Eleven Thousand Nine Hundred and fifty two and Paise Twenty three Only	One Cubic meter	16,73,312.20
7.4			For Lintels					-
i	0.10	Zero Point one zero Cubic meters	-do-For Basemnt		13543.34	Rupees Thirteen Thousand Five Hundred Forty Three and Paise Thirty Four Only	One Cubic meter	1,354.33
ii	1.00	One Cubic meter	-do for Ground floor		13299.61	Rupees Thirteen Thousand Two Hundred Ninety Nine and Paise Sixty One Only	One Cubic meter	13,299.61
iii	0.70	Zero Point Seven zero Cubic meters	-do for First floor		13543.34	Rupees Thirteen Thousand Five Hundred Forty Three and Paise Thirty Four Only	One Cubic meter	9,480.34
iv	10.00	Ten Cubic meters	-do for Second floor		13787.08	Rupees Thirteen Thousand Seven Hundred Eighty Seven and Paise Eight Only	One Cubic meter	1,37,870.80

v	10.00	Ten Cubic meters	-do for Third floor		14030.81	Rupees Fourteen Thousand Thirty and Paise Eighty One Only	One Cubic meter	1,40,308.10
vi	10.00	Ten Cubic meters	-do for Fourth floor		14274.55	Rupees Fourteen Thousand Two Hundred Seventy Four and Paise Fifty Five Only	One Cubic meter	1,42,745.50
vii	20.00	Twenty Cubic meters	-do for Fifth floor		15347.54	Rupees Fifteen Thousand Three Hundred Forty Seven and Paise Fifty Four Only	One Cubic meter	3,06,950.80
viii	15.00	Fifteen Cubic meters	-do for Sixth floor		15591.27	Rupees Fifteen Thousand Five Hundred Ninety One and Paise Twenty Seven Only	One Cubic meter	2,33,869.05
ix	14.00	Fourteen Cubic meters	-do for Seventh floor		15835.00	Rupees Fifteen Thousand Eight Hundred Thirty Five Only	One Cubic meter	2,21,690.00
x	14.00	Fourteen Cubic meters	-do for Eighth floor		16078.74	Rupees Sixteen Thousand Seventy Eight and Paise Seventy Four Only	One Cubic meter	2,25,102.36
xi	14.00	Fourteen Cubic meters	-do for Ninth floor		17151.73	Rupees Seventeen Thousand One Hundred Fifty One and Paise Seventy Three Only	One Cubic meter	2,40,124.22

xii	15.00	Fifteen Cubic meters	-do for Tenth floor		17395.46	Rupees Seventeen Thousand Three Hundred Ninety Five and Paise Forty Six Only	One Cubic meter	2,60,931.90
xiii	13.00	Thirteen Cubic meters	-do for Eleventh floor		17639.20	Rupees Seventeen Thousand Six Hundred Thirty Nine and Paise Twenty Only	One Cubic meter	2,29,309.60
xiv	16.00	Sixteen Cubic meters	-do for Twelvth floor		17882.93	Rupees Seventeen Thousand Eight Hundred Eighty Two and Paise Ninety Three Only	One Cubic meter	2,86,126.88
xv	17.00	Seventeen Cubic meters	-do for Thirteenth floor		18955.92	Rupees Eighteen Thousand Nine Hundred Fifty Five and Paise Ninety Two Only	One Cubic meter	3,22,250.64
xvi	12.00	Twelve Cubic meters	-do for Terrace - I (Fourteenth Floor)		19199.66	Rupees Nineteen Thousand One Hundred Ninety Nine and Sixty Six Only	One Cubic meter	2,30,395.92
xvii	5.00	Five Cubic meters	-do for Terrace - II (Fourteenth Floor)		19199.66	Rupees Nineteen Thousand One Hundred Ninety Nine and Paise Sixty Six Only	One Cubic meter	95,998.30
7.5			RCC Beams					-
7.5.a			RCC Beams up to 3.66 m Unsupported height-					

i	542.00	Five Hundred Forty Two Cubic meters	for Ground floor		11747.64	Rupees Eleven Thousand Seven Hundred Forty Seven and Paise Sixty Four Only	One Cubic meter	63,67,220.88
ii	512.00	Five Hundred Twelve Cubic meters	-do for First floor		12035.30	Rupees Twelve Thousand Thirty Five and Paise Thirty Only	One Cubic meter	61,62,073.60
iii	410.00	Four Hundred Ten Cubic meters	-do for Second floor		12321.55	Rupees Twelve Thousand Three Hundred Twenty One and Paise Fifty Five Only	One Cubic meter	50,51,835.50
iv	410.00	Four Hundred Ten Cubic meters	-do for Third floor		12609.21	Rupees Twelve Thousand Six Hundred Nine and Paise Twenty One Only	One Cubic meter	51,69,776.10
v	410.00	Four Hundred Ten Cubic meters	-do for Fourth floor		12896.88	Rupees Twelve Thousand Eight Hundred Ninety Six and Paise Eighty Eight Only	One Cubic meter	52,87,720.80
vi	410.00	Four Hundred Ten Cubic meters	-do for Fifth floor		13432.95	Rupees Thirteen Thousand Four Hundred Thirty Two and Paise Ninety Five Only	One Cubic meter	55,07,509.50

vii	410.00	Four Hundred Ten Cubic meters	-do for Sixth floor		13719.19	Rupees Thirteen Thousand Seven Hundred Nineteen and Paise Nineteen Only	One Cubic meter	56,24,867.90
viii	410.00	Four Hundred Ten Cubic meters	-do for Seventh floor		14006.86	Rupees Fourteen Thousand Six and Paise Eighty Six Only	One Cubic meter	57,42,812.60
ix	410.00	Four Hundred Ten Cubic meters	-do for Eighth floor		14294.52	Rupees Fourteen Thousand Two Hundred Ninety Four and Paise Fifty Two Only	One Cubic meter	58,60,753.20
x	410.00	Four Hundred Ten Cubic meters	-do for Ninth floor		14829.17	Rupees Fourteen Thousand Eight Hundred Twenty Nine and Paise Seventeen Only	One Cubic meter	60,79,959.70
xi	410.00	Four Hundred Ten Cubic meters	-do for Tenth floor		15116.84	Rupees Fifteen Thousand One Hundred Sixteen and Paise Eighty Four Only	One Cubic meter	61,97,904.40
xii	410.00	Four Hundred Ten Cubic meters	-do for Eleventh floor		15404.50	Rupees Fifteen Thousand Four Hundred Four and Paise Fifty Only	One Cubic meter	63,15,845.00

xiii	410.00	Four Hundred Ten Cubic meters	-do for Twelvth floor		15690.75	Rupees Fifteen Thousand Six Hundred Ninety and Paise Seventy Five Only	One Cubic meter	64,33,207.50
xiv	410.00	Four Hundred Ten Cubic meters	-do for Thirteenth floor		16226.81	Rupees Sixteen Thousand Two Hundred Twenty Six and Paise Eighty One Only	One Cubic meter	66,52,992.10
xv	2.00	Two Cubic meters	-do for Terrace - I (Fourteenth Floor)		16514.47	Rupees Sixteen Thousand Five Hundred Fourteen and Paise Forty Seven Only	One Cubic meter	33,028.94
xvi	2.00	Two Cubic meters	-do for Terrace - II (Fourteenth Floor)		16514.47	Rupees Sixteen Thousand Five Hundred Fourteen and Paise Forty Seven Only	One Cubic meter	33,028.94
7.5.b			For Beams with unsupported hieght above 4.27m and up to 4.88 mts -					
i	479.00	Four Hundred Seventy Nine Cubic meters	for Basement		13911.98	Rupees Thirteen Thousand Nine Hundred Eleven and Paise Ninety Eight Only	One Cubic meter	66,63,838.42
7.6			RCC Slabs (Excluding centering charges) -					
i	1960.00	One Thousand Nine Hundred Sixty Cubic meters	for Basement		6405.03	Rupees Six Thousand Four Hundred Five and Paise Three Only	One Cubic meter	125,53,858.80

ii	2370.00	Two Thousand Three Hundred Seventy Cubic meters	-do for Ground floor		6405.03	Rupees Six Thousand Four Hundred Five and Paise Three Only	One Cubic meter	151,79,921.10
iii	1390.00	One Thousand Three Hundred Ninety Cubic meters	-do for First floor		6405.03	Rupees Six Thousand Four Hundred Five and Paise Three Only	One Cubic meter	89,02,991.70
iv	1160.00	One Thousand One Hundred Sixty Cubic meters	-do for Second floor		6405.03	Rupees Six Thousand Four Hundred Five and Paise Three Only	One Cubic meter	74,29,834.80
v	1150.00	One Thousand One Hundred Fifty Cubic meters	-do for Third floor		6405.03	Rupees Six Thousand Four Hundred Five and Paise Three Only	One Cubic meter	73,65,784.50
vi	1315.00	One Thousand Three Hundred Fifteen Cubic meters	-do for Fourth floor		6405.03	Rupees Six Thousand Four Hundred Five and Paise Three Only	One Cubic meter	84,22,614.45
vii	1130.00	One Thousand One Hundred Thirty Cubic meters	-do for Fifth floor		6653.44	Rupees Six Thousand Six Hundred Fifty Three and Paise Forty Four Only	One Cubic meter	75,18,387.20
viii	1130.00	One Thousand One Hundred Thirty Cubic meters	-do for Sixth floor		6653.44	Rupees Six Thousand Six Hundred Fifty Three and Paise Forty Four Only	One Cubic meter	75,18,387.20
ix	1130.00	One Thousand One Hundred Thirty Cubic meters	-do for Seventh floor		6653.44	Rupees Six Thousand Six Hundred Fifty Three and Paise Forty Four Only	One Cubic meter	75,18,387.20

x	1130.00	One Thousand One Hundred Thirty Cubic meters	-do for Eighth floor		6653.44	Rupees Six Thousand Six Hundred Fifty Three and Paise Forty Four Only	One Cubic meter	75,18,387.20
xi	1130.00	One Thousand One Hundred Thirty Cubic meters	-do for Ninth floor		6901.84	Rupees Six Thousand Nine Hundred One and Paise Eighty Four Only	One Cubic meter	77,99,079.20
xii	1140.00	One Thousand One Hundred Forty Cubic meters	-do for Tenth floor		6901.84	Rupees Six Thousand Nine Hundred One and Paise Eighty Four Only	One Cubic meter	78,68,097.60
xiii	1130.00	One Thousand One Hundred Thirty Cubic meters	-do for Eleventh floor		6901.84	Rupees Six Thousand Nine Hundred One and Paise Eighty Four Only	One Cubic meter	77,99,079.20
xiv	1280.00	One Thousand Two Hundred Eighty Cubic meters	-do for Twelfth floor		6901.84	Rupees Six Thousand Nine Hundred One and Paise Eighty Four Only	One Cubic meter	88,34,355.20
xv	1280.00	One Thousand Two Hundred Eighty Cubic meters	-do for Thirteenth floor		7150.24	Rupees Seven Thousand One Hundred Fifty and Paise Twenty Four Only	One Cubic meter	91,52,307.20
xvi	60.00	Sixty Cubic meters	-do for Terrace - I (Fourteenth Floor)		7150.24	Rupees Seven Thousand One Hundred Fifty and Paise Twenty Four Only	One Cubic meter	4,29,014.40

	xvii	50.00	Fifty Cubic meters	-do for Terrace - II (Fourteenth Floor)		7150.24	Rupees Seven Thousand One Hundred Fifty and Paise Twenty Four Only	One Cubic meter	3,57,512.00
	7.7			Supply and placing of Design Mix Concrete of M-60 grade corresponding to IS 456-Reaffirmed 2021 for prestressed/Rreinforced cement concrete work using Batching Plant of 15 Cum/hr capacity with minimum cement content of 450 kgs per 1 cum of concrete, GGBS of 170 kgs (confirming to IS:16714:2018), 20mm HBG Crushed metal 0.110 cum (157 kgs),10mm HBG Crushed metal 0.480 cum (665 kgs) and sand 0.615 cum (867 kg) with Admixture 3.84 kgs confirming to IS:9103 -1993, water cement ratio of 0.40 (179.80 Litres/Cum of concrete) using coarse aggregate and fine aggregate,from approved quarry, confirming to IS 383-2016, including Pumping charges of concrete including hire charges of pump, carriage charges for all leads, piping work & accessories etc., including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes (Excluding GST) on all materials, conveyance of concrete by Transit Mixer with a lead up to 1 Km, pumping of concrete to site of laying, centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as batch mixing, laying concrete, curing etc., and overheads & contractors profit, complete but excluding cost of steel and its fabrication charges for finished item of work.	403				-
				for horizontal plain sunshades or lofts projecting from the face of the wall 65mm average thickness,80mm thick at the face of the wall and 50mm thick at the free end and cast monolithically with the lintels or tailed to the full thickness of the wall where there are no lintels The design mix shall be got designed by furnishing the information required as per clause 19.1.1 & 19.1.2 of IS 456-2000 by the contractor at his own cost and get approved from the competent authority before execution. The cement (Cement only without any other cementitious materials) considered for above M 60 grade concrete is 450 kgs. /Cum and the rate is arrived accordingly in the estimate. After the mix is designed and approved, any less usage of cement due to change in mix proportion and design proportion, if any that will be evolved in the laboratory will be recovered from the Contractor. No cost due to variation of other materials of mix due to change in mix design (i.e., other than cement) will be considered.					
	7.7.a			For sunshades of 0.6 m width					

i	25.00	Twenty Five Square meters	Second floor		1141.01	Rupees One Thousand One Hundred Forty One and paise One Only	One square meter	28,525.25
ii	25.00	Twenty Five Square meters	-do for Third floor		1177.85	Rupees One Thousand One Hundred Seventy Seven and paise Eighty Five Only	One square meter	29,446.25
iii	25.00	Twenty Five Square meters	-do for Fourth floor		1216.11	Rupees One Thousand Two Hundred Sixteen and paise Eleven Only	One square meter	30,402.75
iv	105.00	One Hundred Five Square meters	-do for Fifth floor		1269.10	Rupees One Thousand Two Hundred Sixty Nine and paise Ten Only	One square meter	1,33,255.50
v	105.00	One Hundred Five Square meters	-do for Sixth floor		1305.94	Rupees One Thousand Three Hundred Five and paise Ninety Four Only	One square meter	1,37,123.70
vi	105.00	One Hundred Five Square meters	-do for Seventh floor		1344.20	Rupees One Thousand Three Hundred Forty Four and paise Twenty Only	One square meter	1,41,141.00
vii	105.00	One Hundred Five Square meters	-do for Eighth floor		1381.05	Rupees One Thousand Three Hundred Eighty One and paise Five Only	One square meter	1,45,010.25

viii	105.00	One Hundred Five Square meters	-do for Ninth floor		1435.46	Rupees One Thousand Four Hundred Thirty Five and paise Forty Six Only	One square meter	1,50,723.30
ix	116.00	One Hundred Sixteen Square meters	-do for Tenth floor		1472.30	Rupees One Thousand Four Hundred Seventy Two and paise Thirty Only	One square meter	1,70,786.80
x	120.00	One Hundred Twenty Square meters	-do for Eleventh floor		1509.15	Rupees One Thousand Five Hundred Nine and paise Fifteen Only	One square meter	1,81,098.00
xi	116.00	One Hundred Sixteen Square meters	-do for Twelvth floor		1547.41	Rupees One Thousand Five Hundred Forty Seven and paise Forty One Only	One square meter	1,79,499.56
xii	120.00	One Hundred Twenty Square meters	-do for Thirteenth floor		1600.40	Rupees One Thousand Six Hundred and paise Forty Only	One square meter	1,92,048.00
8 (a)			Hire Charges for Centering & Scaffolding charges using - steel scaffolding pipes, jack props, wallers, foot plates, brackets, steel centering plates etc., for shear walls, RCC walls etc.,. Note: The Centering charges are for both the faces of the respective numbers. The measurement of centering charges shall be in "Sqm" for one face only and the centering charges given are for two faces of centering.	403				
i	2300.00	Two Thousand Three Hundred Square meters	-do For Basement		1330.05	Rupees One Thousand Three Hundred Thirty and Paise Five Only	One square meter	30,59,115.00

ii	1540.00	One Thousand Five Hundred Forty Square meters	-do for Ground floor		1257.78	Rupees One Thousand Two Hundred Fifty Seven and Paise Seventy Eight Only	One square meter	19,36,981.20
iii	1537.00	One Thousand Five Hundred Thirty Seven Square meters	-do for First floor		1330.05	Rupees One Thousand Three Hundred Thirty and Paise Five Only	One square meter	20,44,286.85
iv	1405.00	One Thousand Four Hundred Five Square meters	-do for Second floor		1402.33	Rupees One Thousand Four Hundred Two and Paise Thirty Three Only	One square meter	19,70,273.65
v	1410.00	One Thousand Four Hundred Ten Square meters	-do for Third floor		1474.60	Rupees One Thousand Four Hundred Seventy Four and Paise Sixty Only	One square meter	20,79,186.00
vi	1410.00	One Thousand Four Hundred Ten Square meters	-do for Fourth floor		1546.87	Rupees One Thousand Five Hundred Forty Six and Paise Eighty Seven Only	One square meter	21,81,086.70
vii	980.00	Nine Hundred Eighty Square meters	-do for Fifth floor		1619.14	Rupees One Thousand Six Hundred Nineteen and Paise Fourteen Only	One square meter	15,86,757.20
viii	650.00	Six Hundred Fifty Square meters	-do for Sixth floor		1691.41	Rupees One Thousand Six Hundred Ninety One and Paise Forty One Only	One square meter	10,99,416.50

ix	980.00	Nine Hundred Eighty Square meters	-do for Seventh floor		1763.68	Rupees One Thousand Seven Hundred Sixty Three and Sixty Eight Only	One square meter	17,28,406.40
x	980.00	Nine Hundred Eighty Square meters	-do for Eighth floor		1835.95	Rupees One Thousand Eight Hundred Thirty Five and Paise Ninety Five Only	One square meter	17,99,231.00
xi	980.00	Nine Hundred Eighty Square meters	-do for Ninth floor		1908.22	Rupees One Thousand Nine Hundred Eight and Paise Twenty Two Only	One square meter	18,70,055.60
xii	980.00	Nine Hundred Eighty Square meters	-do for Tenth floor		1980.49	Rupees One Thousand Nine Hundred Eighty and Paise Forty Nine Only	One square meter	19,40,880.20
xiii	980.00	Nine Hundred Eighty Square meters	-do for Eleventh floor		2052.76	Rupees Two Thousand Fifty Two and Paise Seventy Six Only	One square meter	20,11,704.80
xiv	980.00	Nine Hundred Eighty Square meters	-do for Twelfth floor		2125.03	Rupees Two Thousand One Hundred Twenty Five and Paise Three Only	One square meter	20,82,529.40
xv	980.00	Nine Hundred Eighty Square meters	-do for Thirteenth floor		2197.30	Rupees Two Thousand One Hundred Ninety Seven and Paise Thirty Only	One square meter	21,53,354.00
xvi	330.00	Three Hundred Thirty Square meters	-do for Terrace - I (Fourteenth Floor)		2269.57	Rupees Two Thousand Two Hundred Sixty Nine and Paise Fifty Seven Only	One square meter	7,48,958.10

	xvii	310.00	Three Hundred Ten Square meters	-do for Terrace - II (Fourteenth Floor)		2269.57	Rupees Two Thousand Two Hundred Sixty Nine and Paise Fifty Seven Only	One square meter	7,03,566.70
	8 (b)			Hire Charges for Centering & Scaffolding charges using - steel scaffolding pipes, jack props, wallers, foot plates, brackets, steel centering plates etc., for RCC slabs,. Up to 150 mm Thick	403				-
	8.b.1			- do - up to 3.66 m unsupported height					
	i	795.00	Seven Hundred Ninety Five Square meters	-do for Second floor		689.54	Rupees Six Hundred Eighty Nine and Paise Fifty Four Only	One square meter	5,48,184.30
	ii	800.00	Eight Hundred Square meters	-do for Third floor		723.55	Rupees Seven Hundred Twenty Three and Paise Fifty Five Only	One square meter	5,78,840.00
	iii	800.00	Eight Hundred Square meters	-do for Fourth floor		757.56	Rupees Seven Hundred Fifty Seven and Paise Fifty Six Only	One square meter	6,06,048.00
	iv	785.00	Seven Hundred Eighty Five Square meters	-do for Fifth floor		792.99	Rupees Seven Hundred Ninety Two and Paise Ninety Nine Only	One square meter	6,22,497.15
	v	785.00	Seven Hundred Eighty Five Square meters	-do for Sixth floor		827.00	Rupees Eight Hundred Twenty Seven Only	One square meter	6,49,195.00
	vi	790.00	Seven Hundred Ninety Square meters	-do for Seventh floor		861.01	Rupees Eight Hundred Sixty One and Paise One Only	One square meter	6,80,197.90

vii	785.00	Seven Hundred Eighty Five Square meters	-do for Eighth floor		895.02	Rupees Eight Hundred Ninety Five and Paise Two Only	One square meter	7,02,590.70
viii	785.00	Seven Hundred Eighty Five Square meters	-do for Ninth floor		929.03	Rupees Nine Hundred Twenty Nine and Paise Three Only	One square meter	7,29,288.55
ix	785.00	Seven Hundred Eighty Five Square meters	-do for Tenth floor		963.04	Rupees Nine Hundred Sixty Three and Paise Four Only	One square meter	7,55,986.40
x	785.00	Seven Hundred Eighty Five Square meters	-do for Eleventh floor		997.05	Rupees Nine Hundred Ninety Seven and Five Only	One square meter	7,82,684.25
xi	785.00	Seven Hundred Eighty Five Square meters	-do for Twelfth floor		1031.05	Rupees One Thousand Thirty One and Paise Five Only	One square meter	8,09,374.25
xii	785.00	Seven Hundred Eighty Five Square meters	-do for Thirteenth floor		1065.06	Rupees One Thousand Sixty Five and Paise Six Only	One square meter	8,36,072.10
xiii	375.00	Three Hundred Seventy Five Square meters	-do for Terrace - I (Fourteenth Floor)		1099.07	Rupees One Thousand Ninety Nine and Paise Seven Only	One square meter	4,12,151.25
xiv	325.00	Three Hundred Twenty Five Square meters	-do for Terrace - II (Fourteenth Floor)		1099.07	Rupees One Thousand Ninety Nine and Paise Seven Only	One square meter	3,57,197.75
8.b.2			- do - with unsupported height of above 3.66m and up to 4.27 m -					
i	450.00	Four Hundred Fifty Square meters	- do for Ground floor		725.11	Rupees Seven Hundred Twenty Five and Paise Eleven Only	One square meter	3,26,299.50

	ii	715.00	Seven Hundred Fifteen Square meters	-do for First floor		764.78	Rupees Seven Hundred Sixty Four and Paise Seventy Eight Only	One square meter	5,46,817.70
	8.b.3			- do - with unsupported height of above 4.88m and up to 5.49 m					
	i	2375.00	Two Thousand Three Hundred Seventy Five Square meters	-Basement		983.28	Rupees Nine Hundred Eighty Three and Paise Twenty Eight Only	One square meter	23,35,290.00
	8 (c)			Hire Charges for Centering & Scaffolding charges using - steel scaffolding pipes, jack props,wallers,foot plates, brackets, steel centering plates etc., for RCC slabs,. 150 mm to 300 mm Thick	403				-
	8.c.1			- do -up to 3.66 m unsupported height					
	i	2215.00	Two Thousand Two Hundred Fifteen Square meters	- do for Second floor		710.23	Rupees Seven Hundred Ten and Paise Twenty Three Only	One square meter	15,73,159.45
	ii	2220.00	Two Thousand Two Hundred Twenty Square meters	-do for Third floor		744.24	Rupees Seven Hundred Forty Four and Paise Twenty Four Only	One square meter	16,52,212.80
	iii	2490.00	Two Thousand Four Hundred Ninety Square meters	-do for Fourth floor		779.67	Rupees Seven Hundred Seventy Nine and Paise Sixty Seven Only	One square meter	19,41,378.30
	iv	5150.00	Five Thousand One Hundred Fifty Square meters	-do for Fifth floor		815.09	Rupees Eight Hundred Fifteen and Paise Nine Only	One square meter	41,97,713.50

v	5150.00	Five Thousand One Hundred Fifty Square meters	-do for Sixth floor		850.52	Rupees Eight Hundred Fifty and Paise Fifty Two Only	One square meter	43,80,178.00
vi	5150.00	Five Thousand One Hundred Fifty Square meters	-do for Seventh floor		885.95	Rupees Eight Hundred Eighty Five and Paise Ninety Five Only	One square meter	45,62,642.50
vii	5150.00	Five Thousand One Hundred Fifty Square meters	-do for Eighth floor		919.96	Rupees Nine Hundred Nineteen and Paise Ninety Six Only	One square meter	47,37,794.00
viii	5150.00	Five Thousand One Hundred Fifty Square meters	-do for Ninth floor		955.38	Rupees Nine Hundred Fifty Five and Paise Thirty Eight Only	One square meter	49,20,207.00
ix	5150.00	Five Thousand One Hundred Fifty Square meters	-do for Tenth floor		990.81	Rupees Nine Hundred Ninety and Paise Eighty One Only	One square meter	51,02,671.50
x	5150.00	Five Thousand One Hundred Fifty Square meters	-do for Eleventh floor		1026.24	Rupees One Thousand Twenty Six and Paise Twenty Four Only	One square meter	52,85,136.00
xi	4560.00	Four Thousand Five Hundred Sixty Square meters	-do for Twelfth floor		1061.66	Rupees One Thousand Sixty One and Paise Sixty Six Only	One square meter	48,41,169.60
xii	4600.00	Four Thousand Six Hundred Square meters	-do for Thirteenth floor		1095.67	Rupees One Thousand Ninety Five and Paise Sixty Seven Only	One square meter	50,40,082.00
8.c.2			- do - with unsupported height of above 3.66m and up to 4.27 m					

i	8790.00	Eight Thousand Seven Hundred Ninety Square meters	- do for Ground floor		745.94	Rupees Seven Hundred Forty Five and Paise Ninety Four Only	One square meter	65,56,812.60
ii	5010.00	Five Thousand Ten Square meters	-do for First floor		787.26	Rupees Seven Hundred Eighty Seven and Paise Twenty Six Only	One square meter	39,44,172.60
iii	1785.00	One Thousand Seven Hundred Eighty Five Square meters	-do for Second floor		828.60	Rupees Eight Hundred Twenty Eight and Paise Sixty Only	One square meter	14,79,051.00
iv	1790.00	One Thousand Seven Hundred Ninety Square meters	-do for Third floor		868.27	Rupees Eight Hundred Sixty Eight and Paise Twenty Seven Only	One square meter	15,54,203.30
v	2325.00	Two Thousand Three Hundred Twenty Five Square meters	-do for Fourth floor		909.61	Rupees Nine Hundred Nine and Paise Sixty One Only	One square meter	21,14,843.25
8.c.3			- do - with unsupported height of above 4.88m and up to 5.49 m					
i	6460.00	Six Thousand Four Hundred Sixty Square meters	- do for Basement		1012.19	Rupees One Thousand Twelve and Paise Nineteen Only	One square meter	65,38,747.40

9			Supply and placing of the Design Mix Concrete M 20 grade corresponding to IS 456 with minimum cement content of 350 kgs per 1 cum of concrete using Batching Plant (15cum/hr) using 20mm HBG crushed metal 0.480 cu.m , 10mm HBG crushed metal 0.320 cu.m , sand 0.400 cu.m and cement 350 kg with water cement ratio of 0.53 (185.5 Lit per cu.m of CC) etc., including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes (Except GST) on all materials including all operational, incidental and labour charges such as batch mixing, conveyance of concrete by Transit Mixer with a lead up to 1 Km, concrete pumping, laying concrete, curing etc., and including centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) The design mix shall be got designed by furnishing the information required as per clause 19.1.1 & 19.1.2 of IS 456-2000 by the contractor at his own cost and get approved from the competent authority before execution. The cement (Cement only without any other cementitious materials) considered for above M 20 grade concrete is 350 kgs. /Cum and the rate is arrived accordingly in the estimate. After the mix is designed and approved, any less usage of cement due to change in mix proportion and design proportion,	403				-
			if any that will be evolved in the laboratory will be recovered from the Contractor. No cost due to variation of other materials of mix due to change in mix design (i.e., other than cement) will be considered. - do - for steps					
i	4.00	Four Cubic meters	-do for- Basement		6660.14	Rupees Six Thousand Six Hundred Sixty and paise Fourteen Only	One cubic meter	26,640.56
ii	8.00	Eight Cubic meters	-do for Ground floor		6608.69	Rupees Six Thousand Six Hundred Eight and paise Sixty Nine Only	One cubic meter	52,869.52
iii	8.00	Eight Cubic meters	-do for First floor		6660.14	Rupees Six Thousand Six Hundred Sixty and paise Fourteen Only	One cubic meter	53,281.12

iv	8.00	Eight Cubic meters	-do for Second floor		6711.57	Rupees Six Thousand Seven Hundred Eleven and paise Fifty Seven Only	One cubic meter	53,692.56
v	8.00	Eight Cubic meters	-do for Third floor		6763.02	Rupees Six Thousand Seven Hundred Sixty Three and paise Two Only	One cubic meter	54,104.16
vi	8.00	Eight Cubic meters	-do for Fourth floor		6814.45	Rupees Six Thousand Eight Hundred Fourteen and paise Forty Five Only	One cubic meter	54,515.60
vii	7.00	Seven Cubic meters	-do for Fifth floor		7280.53	Rupees Seven Thousand Two Hundred Eighty and paise Fifty Three Only	One cubic meter	50,963.71
viii	7.00	Seven Cubic meters	-do for Sixth floor		7331.96	Rupees Seven Thousand Three Hundred Thirty One and paise Ninety Six Only	One cubic meter	51,323.72
ix	7.00	Seven Cubic meters	-do for Seventh floor		7383.41	Rupees Seven Thousand Three Hundred Eighty Three and paise Forty One Only	One cubic meter	51,683.87

x	7.00	Seven Cubic meters	-do for Eighth floor		7434.84	Rupees Seven Thousand Four Hundred Thirty Four and paise Eighty Four Only	One cubic meter	52,043.88
xi	7.00	Seven Cubic meters	-do for Ninth floor		7900.92	Rupees Seven Thousand Nine Hundred and paise Ninety Two Only	One cubic meter	55,306.44
xii	7.00	Seven Cubic meters	-do for Tenth floor		7952.35	Rupees Seven Thousand Nine Hundred Fifty Two and paise Thirty Five Only	One cubic meter	55,666.45
xiii	7.00	Seven Cubic meters	-do for Eleventh floor		8003.80	Rupees Eight Thousand Three and paise Eighty Only	One cubic meter	56,026.60
xiv	7.00	Seven Cubic meters	-do for Twelfth floor		8055.23	Rupees Eight Thousand Fifty Five and paise Twenty Three Only	One cubic meter	56,386.61
xv	7.00	Seven Cubic meters	-do for Thirteenth floor		8521.31	Rupees Eight Thousand Five Hundred Twenty One and paise Thirty One Only	One cubic meter	59,649.17
10			Plain Cement concrete Grade M-10 nominal mix (Hand mixing) using 20mm size Hard Granite Machine Crushed Metal including cost and conveyance of all materials like cement, sand, coarse aggregate water etc., to site , labour charges for mixing , laying, concrete , ramming in 15 cm layers, finishing top surface to the required level curing etc., complete for finished item of work.	402				

i	0.05	Zero Point Zero Five Cubic meters	-do for Basement		5520.65	Rupees Five Thousand Five Hundred Twenty and Paise Sixty Five Only	One cubic meter	276.03
ii	1.50	One Point Five zero Cubic meters	-do for Ground floor		5336.15	Rupees Five Thousand Three Hundred Thirty Six and Paise Fifteen Only	One cubic meter	8,004.23
iii	0.50	Zero Point Five zero Cubic meters	-do for First floor		5520.65	Rupees Five Thousand Five Hundred Twenty and Paise Sixty Five Only	One cubic meter	2,760.33
iv	5.00	Five Cubic meters	-do for Second floor		5705.15	Rupees Five Thousand Seven Hundred Five and Paise Fifteen Only	One cubic meter	28,525.75
v	5.00	Five Cubic meters	-do for Third floor		5889.65	Rupees Five Thousand Eight Hundred Eighty Nine and Paise Sixty Five Only	One cubic meter	29,448.25
vi	5.00	Five Cubic meters	-do for Fourth floor		6074.15	Rupees Six Thousand Seventy Four and Paise Fifteen Only	One cubic meter	30,370.75
vii	7.00	Seven Cubic meters	-do for Fifth floor		6258.65	Rupees Six Thousand Two Hundred Fifty Eight and Paise Sixty Five Only	One cubic meter	43,810.55
viii	7.00	Seven Cubic meters	-do for Sixth floor		6443.16	Rupees Six Thousand Four Hundred Forty Three and Paise Sixteen Only	One cubic meter	45,102.12

ix	7.00	Seven Cubic meters	-do for Seventh floor		6627.66	Rupees Six Thousand Six Hundred Twenty Seven and Paise Sixty Six Only	One cubic meter	46,393.62
x	7.00	Seven Cubic meters	-do for Eighth floor		6812.16	Rupees Six Thousand Eight Hundred Twelve and Paise Sixteen Only	One cubic meter	47,685.12
xi	7.00	Seven Cubic meters	-do for Ninth floor		6996.66	Rupees Six Thousand Nine Hundred Ninety Six and Paise Sixty Six Only	One cubic meter	48,976.62
xii	7.00	Seven Cubic meters	-do for Tenth floor		7181.16	Rupees Seven Thousand One Hundred Eighty One and Paise Sixteen Only	One cubic meter	50,268.12
xiii	7.00	Seven Cubic meters	-do for Eleventh floor		7365.66	Rupees Seven Thousand Three Hundred Sixty Five and Paise Sixty Six Only	One cubic meter	51,559.62
xiv	7.00	Seven Cubic meters	-do for Twelvth floor		7550.17	Rupees Seven Thousand Five Hundred Fifty and Paise Seventeen Only	One cubic meter	52,851.19
xv	7.00	Seven Cubic meters	-do for Thirteenth floor		7734.67	Rupees Seven Thousand Seven Hundred Thirty Four and Paise Sixty Seven Only	One cubic meter	54,142.69

	xvi	0.05	Zero Point Zero Five Cubic meters	-do for Terrace - I (Fourteenth Floor)		7919.17	Rupees Seven Thousand Nine Hundred Nineteen and Paise Seventeen Only	One cubic meter	395.96
	xvii	0.05	Zero Point Zero Five Cubic meters	-do for Terrace - II (Fourteenth Floor)		7919.17	Rupees Seven Thousand Nine Hundred Nineteen and Paise Seventeen Only	One cubic meter	395.96
	11			Providing and laying autoclaved aerated cement blocks masonry 200 mm thick with AAC blocks of size 600 x 200 x 200 conforming to IS:2185(Part-3)-1984 and IS:6441-1972 in super structure above plinth level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	NA				
	i	75.00	Seventy Five Cubic meters	-do For Basement		7384.84	Rupees Seven Thousand Three Hundred Eighty Four and Paise Eighty Four Only	One cubic meter	5,53,863.00
	ii	421.00	Four Hundred Twenty One Cubic meters	-do for Ground floor		7170.15	Rupees Seven Thousand One Hundred Seventy and Paise Fifteen Only	One cubic meter	30,18,633.15

iii	66.00	Sixty Six Cubic meters	-do for First floor		7384.84	Rupees Seven Thousand Three Hundred Eighty Four and Paise Eighty Four Only	One cubic meter	4,87,399.44
iv	502.00	Five Hundred Two Cubic meters	-do for Second floor		7599.50	Rupees Seven Thousand Five Hundred Ninety Nine and Paise Fifty Only	One cubic meter	38,14,949.00
v	425.00	Four Hundred Twenty Five Cubic meters	-do for Third floor		7814.18	Rupees Seven Thousand Eight Hundred Fourteen and Paise Eighteen Only	One cubic meter	33,21,026.50
vi	410.00	Four Hundred Ten Cubic meters	-do for Fourth floor		8028.84	Rupees Eight Thousand Twenty Eight and Paise Eighty Four Only	One cubic meter	32,91,824.40
vii	410.00	Four Hundred Ten Cubic meters	-do for Fifth floor		8243.52	Rupees Eight Thousand Two Hundred Forty Three and Paise Fifty Two Only	One cubic meter	33,79,843.20
viii	460.00	Four Hundred Sixty Cubic meters	-do for Sixth floor		8458.16	Rupees Eight Thousand Four Hundred Fifty Eight and Paise Sixteen Only	One cubic meter	38,90,753.60
ix	470.00	Four Hundred Seventy Cubic meters	-do for Seventh floor		8672.84	Rupees Eight Thousand Six Hundred Seventy Two and Paise Eighty Four Only	One cubic meter	40,76,234.80

x	470.00	Four Hundred Seventy Cubic meters	-do for Eighth floor		8887.52	Rupees Eight Thousand Eight Hundred Eighty Seven and Paise Fifty Two Only	One cubic meter	41,77,134.40
xi	495.00	Four Hundred Ninety Five Cubic meters	-do for Ninth floor		9102.17	Rupees Nine Thousand One Hundred Two and Paise Seventeen Only	One cubic meter	45,05,574.15
xii	465.00	Four Hundred Sixty Five Cubic meters	-do for Tenth floor		9316.85	Rupees Nine Thousand Three Hundred Sixteen and Paise Eighty Five Only	One cubic meter	43,32,335.25
xiii	465.00	Four Hundred Sixty Five Cubic meters	-do for Eleventh floor		9531.51	Rupees Nine Thousand Five Hundred Thirty One and Paise Fifty One Only	One cubic meter	44,32,152.15
xiv	465.00	Four Hundred Sixty Five Cubic meters	-do for Twelfth floor		9746.18	Rupees Nine Thousand Seven Hundred Forty Six and Paise Eighteen Only	One cubic meter	45,31,973.70
xv	465.00	Four Hundred Sixty Five Cubic meters	-do for Thirteenth floor		9960.83	Rupees Nine Thousand Nine Hundred Sixty and Paise Eighty Three Only	One cubic meter	46,31,785.95
xvi	1.50	One Point Five zero Cubic meters	-do for Terrace - I (Fourteenth Floor)		10175.51	Rupees Ten Thousand One Hundred Seventy Five and Paise Fifty One Only	One cubic meter	15,263.27
xvii	1.50	One Point Five zero Cubic meters	-do for Terrace - II (Fourteenth Floor)		10175.51	Rupees Ten Thousand One Hundred Seventy Five and Paise Fifty One Only	One cubic meter	15,263.27

	12			Providing and laying autoclaved aerated cement blocks masonry 100mm thick with AAC blocks of size 600 x 100 x 200 conforming to IS:2185(Part-3)-1984 and IS:6441-1972 in super structure above plinth level in cement mortar 1:4 (1 cement : 4 coarse sand). The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work.	NA				
	i	135.00	One Hundred Thirty Five Cubic meters	-do for Ground floor		8139.53	Rupees Eight Thousand One Hundred Thirty Nine and Paise Fifty Three Only	One cubic meter	10,98,836.55
	ii	20.00	Twenty Cubic meters	-do for First floor		8265.49	Rupees Eight Thousand Two Hundred Sixty Five and Paise Forty Nine Only	One cubic meter	1,65,309.80
	iii	150.00	One Hundred Fifty Cubic meters	-do for Second floor		8495.05	Rupees Eight Thousand Four Hundred Ninety Five and Paise Five Only	One cubic meter	12,74,257.50
	iv	170.00	One Hundred Seventy Cubic meters	-do for Third floor		8724.59	Rupees Eight Thousand Seven Hundred Twenty Four and Paise Fifty Nine Only	One cubic meter	14,83,180.30
	v	175.00	One Hundred Seventy Five Cubic meters	-do for Fourth floor		8954.15	Rupees Eight Thousand Nine Hundred Fifty Four and Paise Fifteen Only	One cubic meter	15,66,976.25
	vi	350.00	Three Hundred Fifty Cubic meters	-do for Fifth floor		9183.69	Rupees Nine Thousand One Hundred Eighty Three and Paise Sixty Nine Only	One cubic meter	32,14,291.50

vii	350.00	Three Hundred Fifty Cubic meters	-do for Sixth floor		9413.24	Rupees Nine Thousand Four Hundred Thirteen and Paise Twenty Four Only	One cubic meter	32,94,634.00
viii	340.00	Three Hundred Forty Cubic meters	-do for Seventh floor		9642.76	Rupees Nine Thousand Six Hundred Forty Two and Paise Seventy Six Only	One cubic meter	32,78,538.40
ix	345.00	Three Hundred Forty Five Cubic meters	-do for Eighth floor		9872.32	Rupees Nine Thousand Eight Hundred Seventy Two and Paise Thirty Two Only	One cubic meter	34,05,950.40
x	370.00	Three Hundred Seventy Cubic meters	-do for Ninth floor		10101.88	Rupees Ten Thousand One Hundred One and Paise Eighty Eight Only	One cubic meter	37,37,695.60
xi	345.00	Three Hundred Forty Five Cubic meters	-do for Tenth floor		10331.41	Rupees Ten Thousand Three Hundred Thirty One and Paise Forty One Only	One cubic meter	35,64,336.45
xii	345.00	Three Hundred Forty Five Cubic meters	-do for Eleventh floor		10560.97	Rupees Ten Thousand Five Hundred Sixty and Paise Ninety Seven Only	One cubic meter	36,43,534.65
xiii	330.00	Three Hundred Thirty Cubic meters	-do for Twelfth floor		10790.51	Rupees Ten Thousand Seven Hundred Ninety and Paise Fifty One Only	One cubic meter	35,60,868.30
xiv	350.00	Three Hundred Fifty Cubic meters	-do for Thirteenth floor		11020.06	Rupees Eleven Thousand Twenty and Paise Six Only	One cubic meter	38,57,021.00

xv	30.00	Thirty Cubic meters	-do for Terrace - I (Fourteenth Floor)		11249.58	Rupees Eleven Thousand Two Hundred Forty Nine and Paise Fifty Eight Only	One cubic meter	3,37,487.40
xvi	35.00	Thirty Five Cubic meters	-do for Terrace - II (Fourteenth Floor)		11249.58	Rupees Eleven Thousand Two Hundred Forty Nine and Paise Fifty Eight Only	One cubic meter	3,93,735.30
13			Providing High Yield Strength deformed (HYSD)/ Thermo mechanically treated (TMT) steel bars below 36 mm dia of Fe 500/Fe-500D/550D (as per IS 1786 - 2008) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars including all wastages such as over laps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc., complete for finished item of work in all floors. (APSS NO.126) (In the absence of 18G binding wire, 2 nos of 20G binding wire in tandem are to be strictly adhered). Note: Unless otherwise fabrication and placement of steel, no pre-pament shall be made against the supply of steel reinforcement	126 IS-1786				
i	1021.80	One Thousand Twenty One and Point Eight zero Metric tons	-do For Basement		98526.24	Rupees Ninety Eight Thousand Five Hundred Twenty Six and Paise Twenty Four Only	One Metric Ton	1006,74,112.03

ii	261.10	Two Hundred Sixty One and Point One zero Metric tons	-do for Ground floor		96971.00	Rupees Ninety Six Thousand Nine Hundred Seventy One Only	One Metric Ton	253,19,128.10
iii	242.50	Two Hundred Forty Two and Point Five zero Metric tons	-do for First floor		98526.24	Rupees Ninety Eight Thousand Five Hundred Twenty Six and Paise Twenty Four Only	One Metric Ton	238,92,613.20
iv	237.00	Two Hundred Thirty Seven Metric tons	-do for Second floor		100081.46	Rupees One lakhs Eighty One and Paise Forty Six Only	One Metric Ton	237,19,306.02
v	235.50	Two Hundred Thirty Five and Point Five zero Metric tons	-do for Third floor		101636.69	Rupees One lakhs One Thousand Six Hundred Thirty Six and Paise Sixty Nine Only	One Metric Ton	239,35,440.50
vi	122.20	One Hundred Twenty Two and Point Two zero Metric tons	-do for Fourth floor		103191.91	Rupees One lakhs Three Thousand One Hundred Ninety One and Paise Ninety One Only	One Metric Ton	126,10,051.40
vii	194.20	One Hundred Ninety Four and Point Two zero Metric tons	-do for Fifth floor		104747.14	Rupees One lakhs Four Thousand Seven Hundred Forty Seven and Paise Fourteen Only	One Metric Ton	203,41,894.59
viii	175.80	One Hundred Seventy Five and Point Eight zero Metric tons	-do for Sixth floor		106302.36	Rupees One lakhs Six Thousand Three Hundred Two and Paise Thirty Six Only	One Metric Ton	186,87,954.89

ix	201.80	Two Hundred One and Point Eight zero Metric tons	-do for Seventh floor		107857.59	Rupees One lakhs Seven Thousand Eight Hundred Fifty Seven and Paise Fifty Nine Only	One Metric Ton	217,65,661.66
x	203.00	Two Hundred Three Metric tons	-do for Eighth floor		109412.81	Rupees One lakhs Nine Thousand Four Hundred Twelve and Paise Eighty One Only	One Metric Ton	222,10,800.43
xi	202.70	Two Hundred Two and Point Seven zero Metric tons	-do for Ninth floor		110968.04	Rupees One lakhs Ten Thousand Nine Hundred Sixty Eight and Paise Four Only	One Metric Ton	224,93,221.71
xii	212.90	Two Hundred Twelve and Point Nine zero Metric tons	-do for Tenth floor		112523.26	Rupees One lakhs Twelve Thousand Five Hundred Twenty Three and Paise Twenty Six Only	One Metric Ton	239,56,202.05
xiii	202.90	Two Hundred Two and Point Nine zero Metric tons	-do for Eleventh floor		114078.50	Rupees One lakhs Fourteen Thousand Seventy Eight and Paise Fifty Only	One Metric Ton	231,46,527.65
xiv	195.10	One Hundred Ninety Five and Point one zero Metric tons	-do for Twelfth floor		115633.72	Rupees One lakhs Fifteen Thousand Six Hundred Thirty Three and Paise Seventy Two Only	One Metric Ton	225,60,138.77

xv	195.20	One Hundred Ninety Five and Point Two zero Metric tons	-do for Thirteenth floor		117188.95	Rupees One lakhs Seventeen Thousand One Hundred Eighty Eight and Paise Ninety Five Only	One Metric Ton	228,75,283.04
xvi	25.00	Twenty Five Metric tons	-do for Terrace - I (Fourteenth Floor)		118744.17	Rupees One lakhs Eighteen Thousand Seven Hundred Forty Four and Paise Seventeen Only	One Metric Ton	29,68,604.25
xvii	23.20	Twenty Three and Point Two zero Metric tons	-do for Terrace - II (Fourteenth Floor)		118744.17	Rupees One lakhs Eighteen Thousand Seven Hundred Forty Four and Paise Seventeen Only	One Metric Ton	27,54,864.74
14	121150.00	One lakhs Twenty One Thousand One Hundred Fifty Kilo grams	Supplying, fabrication and fixing in position structural steel i.e. Angles, Channels and I- sections of approved sizes & design including labour charges for fabricating all heavy steel works like Trusses, Stanchions, Heavy Beams and Girders including cost of welding rods, power charges, etc and erecting in position and fixing by using chain pully blocks, derek pole arrangements and cranes etc., including cost and conveyance of all materials, incidental charges, wastage etc.,complete as directed during execution by the engineer-in-charge.in all floors	1002	140.86	Rupees One Hundred Forty and Paise Eighty Six Only	One Kilo gram	170,65,189.00

15	524.00	Five Hundred Twenty Four Metric tons	Execution of post tensioning work, including supplying, laying of HT tendon strands, decoiling, the strands, cutting to the required lengths, laying of HT strands in sheathing (GI corrugated ducts 0.3mm thick) jointing with couplers and inserting the strands, profiling, fixing live end anchorages, making dead end anchorages, including flowering the strands, fixing tendon support bars, supervising the fixing of antibursting reinforcement, stressing the cables using hydraulic jack, end trimming, grouting the cables, with cement slurry, mixed with admixtures with required tools, plants, and machineries, and consumables etc., including all leads, lifts, coordination, with the post- tensioning agency, preparation of drawings, obtaining approval from the Engineer-in-Charge with supply of approved grade tendons but excluding the cost of concrete, reinforcement steel, shuttering, anchors, sheathing duct etc., in all floors.	NA	235748.19	Rupees Two lakhs Thirty Five Thousand Seven Hundred Forty Eight and Paise Nineteen Only	One Metric Ton	1235,32,051.56
16			Plastering in Cement mortar (1:4) 12 mm thick using best river sand from approved quarry including cost and conveyance of all materials, screening, curing, rounding of corners, incidental charges as directed during execution complying with standard specifications etc., complete for walls	901 903				
i	650.00	Six Hundred Fifty Square meters	-do For Basement		203.11	Rupees Two Hundred Three and Paise Eleven Only	One square meter	1,32,021.50
ii	6600.00	Six Thousand Six Hundred Square meters	-do for Ground floor		185.44	Rupees One Hundred Eighty Five and Paise Forty Four Only	One square meter	12,23,904.00
iii	3320.00	Three Thousand Three Hundred Twenty Square meters	-do for First floor		203.11	Rupees Two Hundred Three and Paise Eleven Only	One square meter	6,74,325.20
iv	6010.00	Six Thousand Ten Square meters	-do for Second floor		220.78	Rupees Two Hundred Twenty and Paise Seventy Eight Only	One square meter	13,26,887.80

v	6620.00	Six Thousand Six Hundred Twenty Square meters	-do for Third floor		238.46	Rupees Two Hundred Thirty Eight and Paise Forty Six Only	One square meter	15,78,605.20
vi	6630.00	Six Thousand Six Hundred Thirty Square meters	-do for Fourth floor		256.13	Rupees Two Hundred Fifty Six and Paise Thirteen Only	One square meter	16,98,141.90
vii	10500.00	Ten Thousand Five Hundred Square meters	-do for Fifth floor		273.81	Rupees Two Hundred Seventy Three and Paise Eighty One Only	One square meter	28,75,005.00
viii	10700.00	Ten Thousand Seven Hundred Square meters	-do for Sixth floor		291.48	Rupees Two Hundred Ninety One and Paise Forty Eight Only	One square meter	31,18,836.00
ix	10270.00	Ten Thousand Two Hundred Seventy Square meters	-do for Seventh floor		309.18	Rupees Three Hundred Nine and Paise Eighteen Only	One square meter	31,75,278.60
x	10770.00	Ten Thousand Seven Hundred Seventy Square meters	-do for Eighth floor		326.85	Rupees Three Hundred Twenty Six and Paise Eighty Five Only	One square meter	35,20,174.50
xi	11390.00	Eleven Thousand Three Hundred Ninety Square meters	-do for Ninth floor		344.52	Rupees Three Hundred Forty Four and Paise Fifty Two Only	One square meter	39,24,082.80

	xii	10750.00	Ten Thousand Seven Hundred Fifty Square meters	-do for Tenth floor		362.20	Rupees Three Hundred Sixty Two and Paise Twenty Only	One square meter	38,93,650.00
	xiii	10100.00	Ten Thousand One Hundred Square meters	-do for Eleventh floor		379.87	Rupees Three Hundred Seventy Nine and Paise Eighty Seven Only	One square meter	38,36,687.00
	xiv	11900.00	Eleven Thousand Nine Hundred Square meters	-do for Twelfth floor		397.54	Rupees Three Hundred Ninety Seven and Paise Fifty Four Only	One square meter	47,30,726.00
	xv	10900.00	Ten Thousand Nine Hundred Square meters	-do for Thirteenth floor		415.23	Rupees Four Hundred Fifteen and Paise Twenty Three Only	One square meter	45,26,007.00
	xvi	480.00	Four Hundred Eighty Square meters	-do for Terrace - I (Fourteenth Floor)		432.90	Rupees Four Hundred Thirty Two and Paise Ninety Only	One square meter	2,07,792.00
	xvii	560.00	Five Hundred Sixty Square meters	-do for Terrace - II (Fourteenth Floor)		432.90	Rupees Four Hundred Thirty Two and Paise Ninety Only	One square meter	2,42,424.00
	17			Plastering in Cement mortar (1:3) 12 mm thick using best river sand from approved quarry including cost and conveyance of all materials, screening, curing, rounding of corners, incidental charges as directed during execution complying with standard specifications etc., complete - do -for ceiling	901 903				
	i	9100.00	Nine Thousand One Hundred Square meters	-do for Ground floor		207.83	Rupees Two Hundred Seven and Paise Eighty Three Only	One square meter	18,91,253.00

ii	5725.00	Five Thousand Seven Hundred Twenty Five Square meters	-do for First floor		230.39	Rupees Two Hundred Thirty and Paise Thirty Nine Only	One square meter	13,18,982.75
iii	3010.00	Three Thousand Ten Square meters	-do for Second floor		252.93	Rupees Two Hundred Fifty Two and Paise Ninety Three Only	One square meter	7,61,319.30
iv	4850.00	Four Thousand Eight Hundred Fifty Square meters	-do for Third floor		275.49	Rupees Two Hundred Seventy Five and Paise Forty Nine Only	One square meter	13,36,126.50
v	5615.00	Five Thousand Six Hundred Fifteen Square meters	-do for Fourth floor		298.05	Rupees Two Hundred Ninety Eight and Paise Five Only	One square meter	16,73,550.75
vi	5950.00	Five Thousand Nine Hundred Fifty Square meters	-do for Fifth floor		320.60	Rupees Three Hundred Twenty and Paise Sixty Only	One square meter	19,07,570.00
vii	5950.00	Five Thousand Nine Hundred Fifty Square meters	-do for Sixth floor		343.16	Rupees Three Hundred Forty Three and Paise Sixteen Only	One square meter	20,41,802.00
viii	5950.00	Five Thousand Nine Hundred Fifty Square meters	-do for Seventh floor		365.71	Rupees Three Hundred Sixty Five and Paise Seventy One Only	One square meter	21,75,974.50
ix	5950.00	Five Thousand Nine Hundred Fifty Square meters	-do for Eighth floor		388.27	Rupees Three Hundred Eighty Eight and Paise Twenty Seven Only	One square meter	23,10,206.50

x	5950.00	Five Thousand Nine Hundred Fifty Square meters	-do for Ninth floor		410.82	Rupees Four Hundred Ten and Paise Eighty Two Only	One square meter	24,44,379.00
xi	5950.00	Five Thousand Nine Hundred Fifty Square meters	-do for Tenth floor		433.38	Rupees Four Hundred Thirty Three and Paise Thirty Eight Only	One square meter	25,78,611.00
xii	5950.00	Five Thousand Nine Hundred Fifty Square meters	-do for Eleventh floor		455.94	Rupees Four Hundred Fifty Five and Paise Ninety Four Only	One square meter	27,12,843.00
xiii	5350.00	Five Thousand Three Hundred Fifty Square meters	-do for Twelvth floor		478.39	Rupees Four Hundred Seventy Eight and Paise Thirty Nine Only	One square meter	25,59,386.50
xiv	5400.00	Five Thousand Four Hundred Square meters	-do for Thirteenth floor		501.03	Rupees Five Hundred One and Paise Three Only	One square meter	27,05,562.00
xv	140.00	One Hundred Forty Square meters	-do for Terrace - I (Fourteenth Floor)		523.60	Rupees Five Hundred Twenty Three and Paise Sixty Only	One square meter	73,304.00
xvi	250.00	Two Hundred Fifty Square meters	-do for Terrace - II (Fourteenth Floor)		523.60	Rupees Five Hundred Twenty Three and Paise Sixty Only	One square meter	1,30,900.00

18			Flooring with digital / polished glazed full body porcelain vitrified tiles with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and Size 900 x 900 mm and thickness between 9-11 mm of 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs set over base coat of cement mortar (1:6) 20 mm thick over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3 kg per sq.m & joints with spacer joints with 3 mm wide jointed neatly with filler material of cement/epoxy grout/white cement paste to full depth mixed with pigment of matching shade as directed during execution, including cost and conveyance of all materials, etc., complete - for finished item of work. (Note: Unless otherwise laying of flooring is finished, no pre-payment shall be made for the tiles against supply)	NA				
i	11.00	Eleven Square meters	-do For Basement		1743.08	Rupees One Thousand Seven Hundred Forty Three and Paise Eight Only	One square meter	19,173.88
ii	251.00	Two Hundred Fifty One Square meters	-do for Ground floor		1692.03	Rupees One Thousand Six Hundred Ninety Two and Paise Three Only	One square meter	4,24,699.53
iii	132.00	One Hundred Thirty Two Square meters	-do for First floor		1743.08	Rupees One Thousand Seven Hundred Forty Three and Paise Eight Only	One square meter	2,30,086.56
iv	2855.00	Two Thousand Eight Hundred Fifty Five Square meters	-do for Second floor		1794.14	Rupees One Thousand Seven Hundred Ninety Four and Paise Fourteen Only	One square meter	51,22,269.70

v	2990.00	Two Thousand Nine Hundred Ninety Square meters	-do for Third floor		1845.20	Rupees One Thousand Eight Hundred Forty Five and Paise Twenty Only	One square meter	55,17,148.00
vi	2990.00	Two Thousand Nine Hundred Ninety Square meters	-do for Fourth floor		1896.25	Rupees One Thousand Eight Hundred Ninety Six and Paise Twenty Five Only	One square meter	56,69,787.50
vii	2500.00	Two Thousand Five Hundred Square meters	-do for Fifth floor		1947.31	Rupees One Thousand Nine Hundred Forty Seven and Paise Thirty One Only	One square meter	48,68,275.00
viii	2500.00	Two Thousand Five Hundred Square meters	-do for Sixth floor		1998.36	Rupees One Thousand Nine Hundred Ninety Eight and Paise Thirty Six Only	One square meter	49,95,900.00
ix	2370.00	Two Thousand Three Hundred Seventy Square meters	-do for Seventh floor		2049.42	Rupees Two Thousand Forty Nine and Paise Forty Two Only	One square meter	48,57,125.40
x	2500.00	Two Thousand Five Hundred Square meters	-do for Eighth floor		2100.47	Rupees Two Thousand One Hundred and Paise Forty Seven Only	One square meter	52,51,175.00
xi	2500.00	Two Thousand Five Hundred Square meters	-do for Ninth floor		2151.53	Rupees Two Thousand One Hundred Fifty One and Paise Fifty Three Only	One square meter	53,78,825.00

	xii	2500.00	Two Thousand Five Hundred Square meters	-do for Tenth floor		2202.58	Rupees Two Thousand Two Hundred Two and Paise Fifty Eight Only	One square meter	55,06,450.00
	xiii	2290.00	Two Thousand Two Hundred Ninety Square meters	-do for Eleventh floor		2253.64	Rupees Two Thousand Two Hundred Fifty Three and Paise Sixty Four Only	One square meter	51,60,835.60
	xiv	2160.00	Two Thousand One Hundred Sixty Square meters	-do for Twelfth floor		2304.69	Rupees Two Thousand Three Hundred Four and Paise Sixty Nine Only	One square meter	49,78,130.40
	xv	2290.00	Two Thousand Two Hundred Ninety Square meters	-do for Thirteenth floor		2355.75	Rupees Two Thousand Three Hundred Fifty Five and Paise Seventy Five Only	One square meter	53,94,667.50
	19			Providing skirting to internal walls with digital/polished glazed full body porcelain vitrified tiles with any type of design texture such as marblefinish,wooden,bamboo,stone finish etc., scratchless, stainfree and size 900 x 900 mm and thickness between 9-11 mm 1st quality conforming to IS:13711, IS:13712, IS: 13630 (Parts 1 to 15) of any colour and finish in all shades and designs, length equal to flooring tiles, set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work. (No separate plastering shall be paid to the walls).	NA				

i	1.50	One Point Five zero Square meters	-do - For Basement		1740.56	Rupees One Thousand Seven Hundred Forty and Paise Fifty Six Only	One square meter	2,610.84
ii	9.00	Nine Square meters	-do for Ground floor		1689.50	Rupees One Thousand Six Hundred Eighty Nine and Paise Fifty Only	One square meter	15,205.50
iii	10.00	Ten Square meters	-do for First floor		1740.56	Rupees One Thousand Seven Hundred Forty and Paise Fifty Six Only	One square meter	17,405.60
iv	150.00	One Hundred Fifty Square meters	-do for Second floor		1791.62	Rupees One Thousand Seven Hundred Ninety One and Paise Sixty Two Only	One square meter	2,68,743.00
v	150.00	One Hundred Fifty Square meters	-do for Third floor		1842.67	Rupees One Thousand Eight Hundred Forty Two and Paise Sixty Seven Only	One square meter	2,76,400.50
vi	150.00	One Hundred Fifty Square meters	-do for Fourth floor		1893.73	Rupees One Thousand Eight Hundred Ninety Three and Paise Seventy Three Only	One square meter	2,84,059.50
vii	245.00	Two Hundred Forty Five Square meters	-do for Fifth floor		1944.78	Rupees One Thousand Nine Hundred Forty Four and Paise Seventy Eight Only	One square meter	4,76,471.10

viii	245.00	Two Hundred Forty Five Square meters	-do for Sixth floor		1995.84	Rupees One Thousand Nine Hundred Ninety Five and Paise Eighty Four Only	One square meter	4,88,980.80
ix	230.00	Two Hundred Thirty Square meters	-do for Seventh floor		2046.89	Rupees Two Thousand Forty Six and Paise Eighty Nine Only	One square meter	4,70,784.70
x	245.00	Two Hundred Forty Five Square meters	-do for Eighth floor		2097.95	Rupees Two Thousand Ninety Seven and Paise Ninety Five Only	One square meter	5,13,997.75
xi	245.00	Two Hundred Forty Five Square meters	-do for Ninth floor		2149.00	Rupees Two Thousand One Hundred Forty Nine Only	One square meter	5,26,505.00
xii	245.00	Two Hundred Forty Five Square meters	-do for Tenth floor		2200.06	Rupees Two Thousand Two Hundred and Paise Six Only	One square meter	5,39,014.70
xiii	245.00	Two Hundred Forty Five Square meters	-do for Eleventh floor		2251.11	Rupees Two Thousand Two Hundred Fifty One and Paise Eleven Only	One square meter	5,51,521.95
xiv	230.00	Two Hundred Thirty Square meters	-do for Twelfth floor		2302.17	Rupees Two Thousand Three Hundred Two and Paise Seventeen Only	One square meter	5,29,499.10
xv	245.00	Two Hundred Forty Five Square meters	-do for Thirteenth floor		2353.22	Rupees Two Thousand Three Hundred Fifty Three and Paise Twenty Two Only	One square meter	5,76,538.90

20			<p>Flooring with 16 to 18 mm thick Leather Finished granite slabs up to 8'-00 (2.436 m) grey colour or any other colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete</p>					
i	53.00	Fifty Three Square meters	-do For Basement		3514.73	Rupees Three Thousand Five Hundred Fourteen and Paise Seventy Three Only	One square meter	1,86,280.69
ii	4450.00	Four Thousand Four Hundred Fifty Square meters	-do for Ground floor		3420.42	Rupees Three Thousand Four Hundred Twenty and Paise Forty Two Only	One square meter	152,20,869.00
iii	1460.00	One Thousand Four Hundred Sixty Square meters	-do for First floor		3514.73	Rupees Three Thousand Five Hundred Fourteen and Paise Seventy Three Only	One square meter	51,31,505.80
iv	1035.00	One Thousand Thirty Five Square meters	-do for Second floor		3609.03	Rupees Three Thousand Six Hundred Nine and Paise Three Only	One square meter	37,35,346.05
v	1040.00	One Thousand Forty Square meters	-do for Third floor		3703.34	Rupees Three Thousand Seven Hundred Three and Paise Thirty Four Only	One square meter	38,51,473.60

vi	1040.00	One Thousand Forty Square meters	-do for Fourth floor		3797.64	Rupees Three Thousand Seven Hundred Ninety Seven and Paise Sixty Four Only	One square meter	39,49,545.60
vii	960.00	Nine Hundred Sixty Square meters	-do for Fifth floor		3891.95	Rupees Three Thousand Eight Hundred Ninety One and Paise Ninety Five Only	One square meter	37,36,272.00
viii	960.00	Nine Hundred Sixty Square meters	-do for Sixth floor		3986.25	Rupees Three Thousand Nine Hundred Eighty Six and Paise Twenty Five Only	One square meter	38,26,800.00
ix	960.00	Nine Hundred Sixty Square meters	-do for Seventh floor		4080.56	Rupees Four Thousand Eighty and Paise Fifty Six Only	One square meter	39,17,337.60
x	960.00	Nine Hundred Sixty Square meters	-do for Eighth floor		4174.86	Rupees Four Thousand One Hundred Seventy Four and Paise Eighty Six Only	One square meter	40,07,865.60
xi	960.00	Nine Hundred Sixty Square meters	-do for Ninth floor		4269.17	Rupees Four Thousand Two Hundred Sixty Nine and Paise Seventeen Only	One square meter	40,98,403.20
xii	960.00	Nine Hundred Sixty Square meters	-do for Tenth floor		4363.48	Rupees Four Thousand Three Hundred Sixty Three and Paise Forty Eight Only	One square meter	41,88,940.80

	xiii	960.00	Nine Hundred Sixty Square meters	-do for Eleventh floor		4457.78	Rupees Four Thousand Four Hundred Fifty Seven and Paise Seventy Eight Only	One square meter	42,79,468.80
	xiv	960.00	Nine Hundred Sixty Square meters	-do for Twelfth floor		4552.09	Rupees Four Thousand Five Hundred Fifty Two and Paise Nine Only	One square meter	43,70,006.40
	XV	960.00	Nine Hundred Sixty Square meters	-do for Thirteenth floor		4646.39	Rupees Four Thousand Six Hundred Forty Six and Paise Thirty Nine Only	One square meter	44,60,534.40
	21			Providing skirting to internal walls/risers of steps with 8 mm thick mirror polished granite tiles length equal to flooring stones, set over base coat of CM (1:3) 12 mm thick with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointed with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete for finished item of work (No separate plastering shall be paid to the walls).	NA				
	i	30.00	Thirty Square meters	-do For Basement		2040.74	Rupees Two Thousand Forty and Paise Seventy Four Only	One square meter	61,222.20
	ii	105.00	One Hundred Five Square meters	-do for Ground floor		2040.74	Rupees Two Thousand Forty and Paise Seventy Four Only	One square meter	2,14,277.70
	iii	60.00	Sixty Square meters	-do for First floor		2104.67	Rupees Two Thousand One Hundred Four and Paise Sixty Seven Only	One square meter	1,26,280.20

iv	66.00	Sixty Six Square meters	-do for Second floor		2168.60	Rupees Two Thousand One Hundred Sixty Eight and Paise Sixty Only	One square meter	1,43,127.60
v	70.00	Seventy Square meters	-do for Third floor		2232.53	Rupees Two Thousand Two Hundred Thirty Two and Paise Fifty Three Only	One square meter	1,56,277.10
vi	70.00	Seventy Square meters	-do for Fourth floor		2296.47	Rupees Two Thousand Two Hundred Ninety Six and Paise Forty Seven Only	One square meter	1,60,752.90
vii	60.00	Sixty Square meters	-do for Fifth floor		2360.40	Rupees Two Thousand Three Hundred Sixty and Paise Forty Only	One square meter	1,41,624.00
viii	65.00	Sixty Five Square meters	-do for Sixth floor		2424.33	Rupees Two Thousand Four Hundred Twenty Four and Paise Thirty Three Only	One square meter	1,57,581.45
ix	70.00	Seventy Square meters	-do for Seventh floor		2488.26	Rupees Two Thousand Four Hundred Eighty Eight and Paise Twenty Six Only	One square meter	1,74,178.20
x	70.00	Seventy Square meters	-do for Eighth floor		2552.19	Rupees Two Thousand Five Hundred Fifty Two and Paise Nineteen Only	One square meter	1,78,653.30
xi	70.00	Seventy Square meters	-do for Ninth floor		2616.12	Rupees Two Thousand Six Hundred Sixteen and Paise Twelve Only	One square meter	1,83,128.40

	xii	70.00	Seventy Square meters	-do for Tenth floor		2680.05	Rupees Two Thousand Six Hundred Eighty and Paise Five Only	One square meter	1,87,603.50
	xiii	70.00	Seventy Square meters	-do for Eleventh floor		2743.98	Rupees Two Thousand Seven Hundred Forty Three and Paise Ninety Eight Only	One square meter	1,92,078.60
	xiv	70.00	Seventy Square meters	-do for Twelvth floor		2807.91	Rupees Two Thousand Eight Hundred Seven and Paise Ninety One Only	One square meter	1,96,553.70
	XV	70.00	Seventy Square meters	-do for Thirteenth floor		2871.84	Rupees Two Thousand Eight Hundred Seventy One and Paise Eighty Four Only	One square meter	2,01,028.80
	22			Flooring with Non-skid red or white full body Ceramic floor tiles of size 300 x 300 mm and thickness between 7-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs set over base coat of cement mortar (1:6) 20 mm thick over CC bed already laid or RCC roof slab, including white cement slurry of honey like consistency spread @ 3.30 kgs per sq.m. jointed with neat cement to full depth mixed with pigment of matching shade, including cost and conveyance of all materials like flooring slab, cement, sand and water etc., complete, for finished item of work. (Note: Unless otherwise laying of flooring is finished, no pre-payment shall be made for the tiles against supply)	NA				
	i	142.00	One Hundred Forty Two Square meters	-do for Ground floor		1027.36	Rupees One Thousand Twenty Seven and Paise Thirty Six Only	One square meter	1,45,885.12
	ii	145.00	One Hundred Forty Five Square meters	-do for First floor		1078.41	Rupees One Thousand Seventy Eight and Paise Forty One Only	One square meter	1,56,369.45

iii	260.00	Two Hundred Sixty Square meters	-do for Second floor		1129.47	Rupees One Thousand One Hundred Twenty Nine and Paise Forty Seven Only	One square meter	2,93,662.20
iv	280.00	Two Hundred Eighty Square meters	-do for Third floor		1180.53	Rupees One Thousand One Hundred Eighty and Paise Fifty Three Only	One square meter	3,30,548.40
v	280.00	Two Hundred Eighty Square meters	-do for Fourth floor		1231.58	Rupees One Thousand Two Hundred Thirty One and Paise Fifty Eight Only	One square meter	3,44,842.40
vi	195.00	One Hundred Ninety Five Square meters	-do for Fifth floor		1282.64	Rupees One Thousand Two Hundred Eighty Two and Paise Sixty Four Only	One square meter	2,50,114.80
vii	460.00	Four Hundred Sixty Square meters	-do for Sixth floor		1333.69	Rupees One Thousand Three Hundred Thirty Three and Paise Sixty Nine Only	One square meter	6,13,497.40
viii	430.00	Four Hundred Thirty Square meters	-do for Seventh floor		1384.75	Rupees One Thousand Three Hundred Eighty Four and Paise Seventy Five Only	One square meter	5,95,442.50
ix	450.00	Four Hundred Fifty Square meters	-do for Eighth floor		1435.80	Rupees One Thousand Four Hundred Thirty Five and Paise Eighty Only	One square meter	6,46,110.00

x	460.00	Four Hundred Sixty Square meters	-do for Ninth floor		1486.86	Rupees One Thousand Four Hundred Eighty Six and Paise Eighty Six Only	One square meter	6,83,955.60
xi	450.00	Four Hundred Fifty Square meters	-do for Tenth floor		1537.91	Rupees One Thousand Five Hundred Thirty Seven and Paise Ninety One Only	One square meter	6,92,059.50
xii	450.00	Four Hundred Fifty Square meters	-do for Eleventh floor		1588.97	Rupees One Thousand Five Hundred Eighty Eight and Paise Ninety Seven Only	One square meter	7,15,036.50
xiii	430.00	Four Hundred Thirty Square meters	-do for Twelfth floor		1640.02	Rupees One Thousand Six Hundred Forty and Paise Two Only	One square meter	7,05,208.60
xiv	460.00	Four Hundred Sixty Square meters	-do for Thirteenth floor		1691.08	Rupees One Thousand Six Hundred Ninety One and Paise Eight Only	One square meter	7,77,896.80
23			Finishing the sides of walls with glazed red or white full body ceramic wall tiles of size 300 x 600 mm and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs of approved colour and brands including pointing the joints with the same colour of cement by mixing the same colour pigment in white cement and over a bed of C.M.(1:3), 12 mm thick & Cement slurry of 33 Kg/10Sqm shall be used for fixing bed tiles including cost and conveyance of all materials, curing, incidental charges etc., complete (No separate plastering shall be paid to the walls).	NA				
i	275.00	Two Hundred Seventy Five Square meters	-do for Ground floor		866.55	Rupees Eight Hundred Sixty Six and Paise Fifty Five Only	One square meter	2,38,301.25

ii	148.00	One Hundred Forty Eight Square meters	-do for First floor		879.38	Rupees Eight Hundred Seventy Nine and Paise Thirty Eight Only	One square meter	1,30,148.24
iii	725.00	Seven Hundred Twenty Five Square meters	-do for Second floor		892.20	Rupees Eight Hundred Ninety Two and Paise Twenty Only	One square meter	6,46,845.00
iv	800.00	Eight Hundred Square meters	-do for Third floor		905.03	Rupees Nine Hundred Five and Paise Three Only	One square meter	7,24,024.00
v	800.00	Eight Hundred Square meters	-do for Fourth floor		917.86	Rupees Nine Hundred Seventeen and Paise Eighty Six Only	One square meter	7,34,288.00
vi	1210.00	One Thousand Two Hundred Ten Square meters	-do for Fifth floor		930.68	Rupees Nine Hundred Thirty and Paise Sixty Eight Only	One square meter	11,26,122.80
vii	1210.00	One Thousand Two Hundred Ten Square meters	-do for Sixth floor		943.51	Rupees Nine Hundred Forty Three and Paise Fifty One Only	One square meter	11,41,647.10
viii	1140.00	One Thousand One Hundred Forty Square meters	-do for Seventh floor		956.33	Rupees Nine Hundred Fifty Six and Paise Thirty Three Only	One square meter	10,90,216.20
ix	1210.00	One Thousand Two Hundred Ten Square meters	-do for Eighth floor		969.16	Rupees Nine Hundred Sixty Nine and Paise Sixteen Only	One square meter	11,72,683.60

x	1210.00	One Thousand Two Hundred Ten Square meters	-do for Ninth floor		981.98	Rupees Nine Hundred Eighty One and Paise Ninety Eight Only	One square meter	11,88,195.80
xi	1210.00	One Thousand Two Hundred Ten Square meters	-do for Tenth floor		994.81	Rupees Nine Hundred Ninety Four and Paise Eighty One Only	One square meter	12,03,720.10
xii	1210.00	One Thousand Two Hundred Ten Square meters	-do for Eleventh floor		1007.64	Rupees One Thousand Seven and Paise Sixty Four Only	One square meter	12,19,244.40
xiii	1140.00	One Thousand One Hundred Forty Square meters	-do for Twelvth floor		1020.46	Rupees One Thousand Twenty and Paise Forty Six Only	One square meter	11,63,324.40
xiv	1210.00	One Thousand Two Hundred Ten Square meters	-do for Thirteenth floor		1033.29	Rupees One Thousand Thirty Three and Paise Twenty Nine Only	One square meter	12,50,280.90
24			Providing cladding to walls with High Polished Granite 16 to 18 mm thick slabs up to 8'-00 (2.43 m) Length,other than black and regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like granite slabs, cement, sand and water etc., for finished item of work.(No separate plastering shall be paid to the walls).	NA				
i	152.00	One Hundred Fifty Two Square meters	-do For Basement		4633.52	Rupees Four Thousand Six Hundred Thirty Three and Paise Fifty Two Only	One square meter	7,04,295.04

ii	140.00	One Hundred Forty Square meters	-do for Ground floor		4216.09	Rupees Four Thousand Two Hundred Sixteen and Paise Nine Only	One square meter	5,90,252.60
iii	140.00	One Hundred Forty Square meters	-do for First floor		4633.52	Rupees Four Thousand Six Hundred Thirty Three and Paise Fifty Two Only	One square meter	6,48,692.80
iv	95.00	Ninety Five Square meters	-do for Second floor		5050.95	Rupees Five Thousand Fifty and Paise Ninety Five Only	One square meter	4,79,840.25
v	95.00	Ninety Five Square meters	-do for Third floor		5468.39	Rupees Five Thousand Four Hundred Sixty Eight and Paise Thirty Nine Only	One square meter	5,19,497.05
vi	95.00	Ninety Five Square meters	-do for Fourth floor		5885.82	Rupees Five Thousand Eight Hundred Eighty Five and Paise Eighty Two Only	One square meter	5,59,152.90
vii	75.00	Seventy Five Square meters	-do for Fifth floor		6303.26	Rupees Six Thousand Three Hundred Three and Paise Twenty Six Only	One square meter	4,72,744.50
viii	75.00	Seventy Five Square meters	-do for Sixth floor		6720.69	Rupees Six Thousand Seven Hundred Twenty and Paise Sixty Nine Only	One square meter	5,04,051.75

ix	60.00	Sixty Square meters	-do for Seventh floor		7138.13	Rupees Seven Thousand One Hundred Thirty Eight and Paise Thirteen Only	One square meter	4,28,287.80
x	60.00	Sixty Square meters	-do for Eighth floor		7555.56	Rupees Seven Thousand Five Hundred Fifty Five and Paise Fifty Six Only	One square meter	4,53,333.60
xi	72.00	Seventy Two Square meters	-do for Ninth floor		7972.99	Rupees Seven Thousand Nine Hundred Seventy Two and Paise Ninety Nine Only	One square meter	5,74,055.28
xii	60.00	Sixty Square meters	-do for Tenth floor		8390.43	Rupees Eight Thousand Three Hundred Ninety and Paise Forty Three Only	One square meter	5,03,425.80
xiii	60.00	Sixty Square meters	-do for Eleventh floor		8807.86	Rupees Eight Thousand Eight Hundred Seven and Paise Eighty Six Only	One square meter	5,28,471.60
xiv	60.00	Sixty Square meters	-do for Twelfth floor		9225.30	Rupees Nine Thousand Two Hundred Twenty Five and Paise Thirty Only	One square meter	5,53,518.00
xv	60.00	Sixty Square meters	-do for Thirteenth floor		9642.73	Rupees Nine Thousand Six Hundred Forty Two and Paise Seventy Three Only	One square meter	5,78,563.80

	25			RCM facia 5cm thick in CM (1:3) for drop walls, fins with rabbit wire mesh & nominal reinforcement as directed by Engineer-in-charge with dubara sponge finishing, including cost & conveyance of all materials to site sales & other taxes on all materials (Excluding GST), operational & incidental, cost and conveyance of cement, wire mesh, water to work site, centering, scaffolding and form work, lift charges etc., complete for finished items of work but excluding cost of steel & its fabrication charges	NA				
	i	35.00	Thirty Five Square meters	-do for Second floor		2516.21	Rupees Two Thousand Five Hundred Sixteen and Paise Twenty One Only	One square meter	88,067.35
	ii	40.00	Forty Square meters	-do for Third floor		2670.04	Rupees Two Thousand Six Hundred Seventy and Paise Four Only	One square meter	1,06,801.60
	iii	40.00	Forty Square meters	-do for Fourth floor		2823.86	Rupees Two Thousand Eight Hundred Twenty Three and Paise Eighty Six Only	One square meter	1,12,954.40
	iv	40.00	Forty Square meters	-do for Fifth floor		2977.68	Rupees Two Thousand Nine Hundred Seventy Seven and Paise Sixty Eight Only	One square meter	1,19,107.20
	v	60.00	Sixty Square meters	-do for Sixth floor		3131.50	Rupees Three Thousand One Hundred Thirty One and Paise Fifty Only	One square meter	1,87,890.00

vi	55.00	Fifty Five Square meters	-do for Seventh floor		3285.33	Rupees Three Thousand Two Hundred Eighty Five and Paise Thirty Three Only	One square meter	1,80,693.15
vii	55.00	Fifty Five Square meters	-do for Eighth floor		3439.15	Rupees Three Thousand Four Hundred Thirty Nine and Paise Fifteen Only	One square meter	1,89,153.25
viii	60.00	Sixty Square meters	-do for Ninth floor		3592.97	Rupees Three Thousand Five Hundred Ninety Two and Paise Ninety Seven Only	One square meter	2,15,578.20
ix	60.00	Sixty Square meters	-do for Tenth floor		3746.79	Rupees Three Thousand Seven Hundred Forty Six and Paise Seventy Nine Only	One square meter	2,24,807.40
x	60.00	Sixty Square meters	-do for Eleventh floor		3900.61	Rupees Three Thousand Nine Hundred and Paise Sixty One Only	One square meter	2,34,036.60
xi	50.00	Fifty Square meters	-do for Twelfth floor		4054.44	Rupees Four Thousand Fifty Four and Paise Forty Four Only	One square meter	2,02,722.00
xii	60.00	Sixty Square meters	-do for Thirteenth floor		4208.26	Rupees Four Thousand Two Hundred Eight and Paise Twenty Six Only	One square meter	2,52,495.60

26			Flooring with 16 to 18 mm thick High polished Granite stone slabs, other than black with regular colours as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8), 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement, sand, water, granite slabs etc., to work site and all operational, incidental labour & lift charges and all other taxes on all materials etc., complete for finished item of work	NA				
i	35.00	Thirty Five Square meters	-do for Second floor		4220.56	Rupees Four Thousand Two Hundred Twenty and Paise Fifty Six Only	One square meter	1,47,719.60
ii	40.00	Forty Square meters	-do for Third floor		4314.87	Rupees Four Thousand Three Hundred Fourteen and Paise Eighty Seven Only	One square meter	1,72,594.80
iii	40.00	Forty Square meters	-do for Fourth floor		4409.17	Rupees Four Thousand Four Hundred Nine and Paise Seventeen Only	One square meter	1,76,366.80
iv	40.00	Forty Square meters	-do for Fifth floor		4503.48	Rupees Four Thousand Five Hundred Three and Paise Forty Eight Only	One square meter	1,80,139.20
v	60.00	Sixty Square meters	-do for Sixth floor		4597.78	Rupees Four Thousand Five Hundred Ninety Seven and Paise Seventy Eight Only	One square meter	2,75,866.80

vi	55.00	Fifty Five Square meters	-do for Seventh floor		4692.09	Rupees Four Thousand Six Hundred Ninety Two and Paise Nine Only	One square meter	2,58,064.95
vii	60.00	Sixty Square meters	-do for Eighth floor		4786.39	Rupees Four Thousand Seven Hundred Eighty Six and Paise Thirty Nine Only	One square meter	2,87,183.40
viii	60.00	Sixty Square meters	-do for Ninth floor		4880.70	Rupees Four Thousand Eight Hundred Eighty and Paise Seventy Only	One square meter	2,92,842.00
ix	60.00	Sixty Square meters	-do for Tenth floor		4975.00	Rupees Four Thousand Nine Hundred Seventy Five Only	One square meter	2,98,500.00
x	60.00	Sixty Square meters	-do for Eleventh floor		5069.31	Rupees Five Thousand Sixty Nine and Paise Thirty One Only	One square meter	3,04,158.60
xi	55.00	Fifty Five Square meters	-do for Twelfth floor		5163.62	Rupees Five Thousand One Hundred Sixty Three and Paise Sixty Two Only	One square meter	2,83,999.10
xii	60.00	Sixty Square meters	-do for Thirteenth floor		5257.92	Rupees Five Thousand Two Hundred Fifty Seven and Paise Ninety Two Only	One square meter	3,15,475.20

27	9630.00	Nine Thousand Six Hundred Thirty Square meters	Supplying and fixing Gyp Board Suspended regular single layer false ceiling (GS-MFSC-4.1) using 12.5 mm thick Gyp Board conforming to IS 2095 - 1993 fixing to Gyp steel GI perimeter channels of size 20 mm x 27 mm x 30 mm(web) of 0.55 mm thick along the perimeter of ceiling screw fixed to brick work/ partition at 610 mm c/c and suspending the frame work using Intermediate channels (45 mm x 15mm x 15mm x 0.9 mm) from soffit at 1220 mm c/c with ceiling angle (25 mm x 10 mm x 0.55 mm) fixed with GI Cleat and steel expansion fasteners & connecting clip to the ceiling channels (with knurled web of 51.5 mm x 26 mm x 10.5 mm x 0.55 mm) fixed in direction perpendicular to the intermediate channel at 457 mm c/c and fixing the 12.5 mm tapered edge Gypboard with 25 mm drywall screws at 230 mm c/c & jointing and finishing using joint compound and paper tape to have a flush look including filling the tapered & square edges with jointing compound, two coats of drywall topcoat etc., complete for finished item of work. -do - in all floors.	NA	2209.58	Rupees Two Thousand Two Hundred Nine and Paise Fifty Eight Only	One square meter	212,78,255.40
28	12377.00	Twelve Thousand Three Hundred Seventy Seven Square meters	Painting two coats with Acrylic Emulsion paint exterior grade with silicon additives having VOC (Volatile Organic Compound) content less than 50 grams/liter of approved brand and shade over a primer coat with cement primer exterior grade-2 (total three coats) after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work as per SS 911 for new external walls. in all floors	1201 1216	273.73	Rupees Two Hundred Seventy Three and Paise Seventy Three Only	One square meter	33,87,956.48
29	217824.00	Two lakhs Seventeen Thousand Eight Hundred Twenty Four Square meters	Providing and applying wall putty of white cement or polymer or cement based putty of approved make average 1 to 2 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, sand the surface, clean & wipe off loose dust, applying knifing paste filler by putty knife / muslin pad, air dry for 2-3 hrs. sand with 180 and 320 No., emery paper for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work .excluding scaffolding charges-For new internal and external walls in all floors	NA	226.44	Rupees Two Hundred Twenty Six and Paise Forty Four Only	One square meter	493,24,066.56

30	219252.00	Two lakhs Nineteen Thousand Two Hundred Fifty Two Square meters	Painting two coats with Acrylic Emulsion paint interior grade having VOC (Volatile Organic Compound) content less than 50 grams/liter of approved brand and shade over a primer coat with cement primer interior grade - I (total three coats) after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work as per SS 911 for new internal walls in all floors	1201 1216	198.80	Rupees One Hundred Ninety Eight and Paise Eighty Only	One square meter	435,87,297.60
31	1015.00	One Thousand Fifteen Square meters	Providing & Applying high quality acrylic modified resin based texture of Dholpur/Red sand stone Pattern with anti algae and UV resistance properties to be applied as intermediate finish in desired pattern @ 43.04 kgs/10 sqm to form film of 1- 1.5 mm thickness after scrapping and properly cleaning the surface to remove loose particles from the plaster surface, followed by top coating with Premium Acrylic Smooth exterior paint with Silicone additives of required shade by two or more coats @ 1.43 litres/10 sqm, complete as the direction of Engineer -in-Charge. in all floors.	NA	317.48	Rupees Three Hundred Seventeen and Paise Forty Eight Only	One square meter	3,22,242.20
32	1095.00	One Thousand Ninety Five Square meters	Painting two coats with synthetic enamel paint Grade-I VOC (Volatile Organic Compound) content less than 50 grams/litre over primer coat of red oxide to new iron work including cost and conveyance of all materials to site, sales & other taxes, incidental, operational and all labour charges etc., complete for finished item of work in all floors.	2932 1964 133 1965 1201 1212 1208	200.00	Rupees Two Hundred Only	One square meter	2,19,000.00
33	679.00	Six Hundred Seventy Nine Square meters	Supplying and fixing in position Flush door shutters of different sizes with 35 mm thick, solid bond wood block board type with teak ply on both faces.: double leaf shutter conforming to IS:2202 of standard make, solid core flush doors with hot pressed bonded with liquid phenol formaldehyde with rebate cutting, Double leaf using Best Indian Teak wood frames of size 75 mm x 100 mm without threshold plate, including cost of M.S "Z" Hold fasts of 230 x 50 x 6 mm, M.S. Powder coated Butt hinges of 125 x 65 x 2.12 mm, screws, nails, etc., complete, (excluding cost of other fixtures which will be paid separately but including labour charges for fixing the fixtures) in all floors.	NA	5434.04	Rupees Five Thousand Four Hundred Thirty Four and Paise Four Only	One square meter	36,89,713.16

34	1786.50	One Thousand Seven Hundred Eighty Six and Point Fifty Square meters	Supplying and fixing in position bond wood Flush door shutters with 35 mm thick solid bond wood block board type with with teak ply on both faces.: conforming to IS:2202 of standard make, solid core flush doors , with Teak ply on both faces with (lipping) hot pressed bonded with liquid phenol formaldehyde with rebate cutting, Single leaf using Best Indian Teak wood frames of size 75 mm x 100 mm without threshold plate, including cost of M.S "Z" Hold fasts of 230 x 50 x 6 mm, M.S Powder coated Butt hinges of 125 x 65 x 2.12 mm, screws, nails, etc., complete, (excluding cost of other fixtures which will be paid separately but including labour charges for fixing the fixtures) in all floors.	NA	6041.15	Rupees Six Thousand Forty One and Paise Fifteen Only	One square meter	107,92,514.48
35 (b)	1891.00	One Thousand Eight Hundred Ninety One Numbers	Supply of anodised aluminium tower bolts of 10 mm dia & 200 mm long with ISI Mark IS 204 and with necessary screws etc. complete :	NA	122.43	Rupees One Hundred Twenty Two and Paise Forty Three Only	Each	2,31,515.13
35 (c)	3782.00	Three Thousand Seven Hundred Eighty Two Numbers	Supply of anodised aluminium door handles of 125 mm long with IS 208 and with screws etc. complete:	NA]	115.63	Rupees One Hundred Fifteen and Paise Sixty Three Only	Each	4,37,312.66
35 (d)	1169.00	One Thousand One Hundred Sixty Nine Numbers	Supply of heavy duty aluminium door stopper with necessary screws, etc. complete.	NA	65.75	Rupees Sixty Five and Paise Seventy Five Only	Each	76,861.75
35 (e)	1891.00	One Thousand Eight Hundred Ninety One Numbers	Supply of Anodised aluminium aldrops sliding door bolts of size 16 mm x 250 mm (3T-Pieces) with necessary screws, etc. complete.	NA	355.97	Rupees Three Hundred Fifty Five and Paise Ninety Seven Only	Each	6,73,139.27
36	3753.50	Three Thousand Seven Hundred Fifty Three and Point Five zero Running meters	Providing and fixing factory made solid Wood Polymer Composite (WPC) single extruded Door Frame section of 100x63.5 MM with encapsulation of 8 MM rigid layer on all external surfaces. The door frame will have a rebate of 32MM. The two Vertical members are to be joined together with the horizontal member using 8x75 MM long MS Star full thread screws to be used with reverse forward speed control hand drilling machine. The ready/assembled door frame is fixed to the wall using hold fast or bolt fasteners. A minimum of 4 No.s of screws to be provided for each vertical member & minimum 2no.s for horizontal member in all floors.	NA	1042.96	Rupees One Thousand Forty Two and Paise Ninety Six Only	One Running meter	39,14,750.36

37	1225.00	One Thousand Two Hundred Twenty Five Square meters	Providing and fixing 28 -30 MM thick solid Wood Polymer Composite (WPC) single extruded door shutter with 3MM top and bottom rigid layer with an overall density of 750kg/Cum. It will be fixed to the frame using 3 inch /4 inch hinges. Minimum of 4 hinges will be required for fixing the door with the frame in all floors.	NA	3847.61	Rupees Three Thousand Eight Hundred Forty Seven and Paise Sixty One Only	One square meter	47,13,322.25
38	185.00	One Hundred Eighty Five Square meters	Supply & Fixing of Powder Coated Fire Rated doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick). Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 120 minutes Fire Rated door conforming to IS:3614 (Part2) 1992 in all floors.	NA	15211.32	Rupees Fifteen Thousand Two Hundred Eleven and Paise Thirty Two Only	One square meter	28,14,094.20

39	1215.00	One Thousand Two Hundred Fifteen Square meters	Providing and fixing factory made uPVC white colour sliding glazed door comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension uPVC extruded glazing beads, uPVC extruded interlock and uPVC extruded inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle with key on one side of extreme panels along with zinc plated mild steel multi-point locking having transmission gear with keeps, zinc alloy (white powder coated) crescent lock (if required), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge inclusive of cost of Single / double glass panes, wire mesh and silicon sealant.	NA	6915.27	Rupees Six Thousand Nine Hundred Fifteen and Paise Twenty Seven Only	One square meter	84,02,053.05
			Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be - do - Two track two panels sliding door made of (big series) frame 67 x 50 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm) in all floors.	NA				

40			Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from rollforming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge inclusive of cost of Single / double glass panes, wire mesh and silicon sealant in all floors.	NA					-
			Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted. But no extra payment on this account shall be made.	NA					
a	2714.50	Two Thousand Seven Hundred Fourteen and Point Five zero Square meters	Three track three panels sliding window with fly proof SS wire mesh (Two nos. glazed & one no. wire mesh panels) made of (small series) frame 92 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension (Area of window upto 1.75 sqm).	NA	9774.33	Rupees Nine Thousand Seven Hundred Seventy Four and Paise Thirty Three Only	One square meter		265,32,418.79

41	429.00	Four Hundred Twenty Nine Square meters	Providing, supplying & fixing of Fixed Louvered Ventilator made out of multi chambered UPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles throughout the window. The outer frame having an overall size of 60 x 55 mm with reinforcement of 1 mm thickness and Mullion with overall size of 74 x 60 mm with reinforcement of 1 mm thickness. Ventilator shall be provided with 5 mm pin head glass, standard hardware, wall thickness of frame & mullion shall be 2.0 mm including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site, overheads and contractor profit etc., complete for finished item of work in all floors.	NA	5271.47	Rupees Five Thousand Two Hundred Seventy One and Paise Forty Seven Only	One square meter	22,61,460.63
42	310.00	Three Hundred Ten Square meters	Supplying and fixing of curtain Glazing made of pre painted steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 5-7 microns thick, finish painted with a polyester paint of 12- 16 microns thick and back coated with 5- 7microns thick alkyd back erusing the section for outer frame of 46 x 52 mm, section for mullion of 46 x 70 mm and section for beading of 18 x 25 mm and the glazing with 5 mm thick plain float glass fitted with Ethyl Propylene diameine Monomer (EPDM) gaskets and the sections cut to length, mit rejoined with corner bracket, centre mullions fixed suing mullion cap including handle made of high grade Aluminium powder coated and nylon receiver, corner brackets made of CRCA with zinc phosphating, mullion caps made of Glass filled nylon including fixing the frames in the concrete / masonry wall with self expanding screws, etc., complete for finished item.-Fixed Glazing 2'-0"x2'-0" (609.6x609.6mm) grid outer frames section size of 46 x 52mm in all floors.	NA	6630.72	Rupees Six Thousand Six Hundred Thirty and Paise Seventy Two Only	One square meter	20,55,523.20
43	468.00	Four Hundred Sixty Eight Square meters	Supplying & fixing collapsible steel shutters with vertical, double channel of 20 x10x2 mm of 100 mm centre ,Bracers with flat iron 40x40x6 mm with 38 mm dia steel pulleys, the top, bottom and side vertical frames of the collapsible gate with 65x65mmx8mm MS Angle and middle guide rail at site height with 65mmx8mm MS flat for the pulleys to guide and fixed with necessary hold fasts, bolts, nuts, rivets, locking arrangements, stoppers, handles, all accessories all fixtures and painted with one coat of approved steel primer etc., complete for finished item of work as per special spn 1105 in all floors.	NA	3976.84	Rupees Three Thousand Nine Hundred Seventy Six and Paise Eighty Four Only	One square meter	18,61,161.12

44	10835.00	Ten Thousand Eight Hundred Thirty Five Kilo grams	Supply and fixing of stainless steel SS-304 grade tubes, sections, plates, sheets and pipes of all sizes and diameters etc., including cost and conveyance of all materials and labour charges for fabrication of stainless steel railing works using SS welding rods including buffing, polishing, lacquer finishing, to present seamless finishing etc., complete as directed during execution in all floors.	NA	673.39	Rupees Six Hundred Seventy Three and Paise Thirty Nine Only	One Kilo gram	72,96,180.65
45	48750.00	Forty Eight Thousand Seven Hundred Fifty Kilograms	Supplying and fixing in position M.S Ornamental grills for windows and ventilators or for veranda openings using M.S. Flats, square rods, angles sheets etc., of approved design including necessary cuttings, bending fabrication, welding, grinding and finishing smooth including painting the grills with Two coats with Synthetic enamel paint Gr-I over a Primary coat (Red oxide metal primer) (total three coats) of approved make and colour including cost of making the holes into RCC or masonry works and making good the same wherever necessary, including cost and conveyance of all materials, incidental charges etc., complete in all floors.	1002	129.87	Rupees One Hundred Twenty Nine and Paise Eighty Seven Only	One Kilo gram	63,31,162.50
46	1393.00	One Thousand Three Hundred Ninety Three Square meters	Providing and fixing of Expansion joint filler board for buildings, columns, beams and slabs 25 mm thick including cost and conveyance of all materials to site, all incidental, operational, labour charges etc. complete for finished item of work as per approved drawing for all floors	NA	408.11	Rupees Four Hundred Eight and Paise Eleven Only	One square meter	5,68,497.23

47	2635.00	Two Thousand Six Hundred Thirty Five Square meters	Providing specialized polysulphide sealant treatment to the expansion joints (Size : 25mm x 12mm) duly a]. Chipping and removing of existing covering on expansion joints b]. Cleaning of the surface from dirt, dust and other contaminations c]. Application of one coat of - High performance specially designed SBR latex polymer based bonding agent d]. Providing and application of Acrylic Polymer modified reinstatement concrete /mortar to the damaged edges of joint and making the groove. e]. Providing and fixing of masking tape on top of the joint both sides f]. Providing and fixing of Back up support material of Backer rod to leave the depth of 12mm on the joint g]. Providing and application of one coat of polysulphide primer on inner edges of Joint. h]. Providing and application of Two part Polysulphide sealant to a width of 25mm and 12mm depth with putty knife and neat finish i]. Removing of masking tape and providing and application of two coats of Acrylic elastomeric cementitious coating of approved make including cost and conveyance of all materials to site, all incidental, operational, labour charges ,overheads & contractors profit etc., complete for finished item of work as per approved drawing (for all floors on top of slab i.e in the flooring and for internal vertical joints of grooves in dadoing surface) in all floors.	NA	795.82	Rupees Seven Hundred Ninety Five and Paise Eighty Two Only	One square meter	20,96,985.70
48	1273.00	One Thousand Two Hundred Seventy Three Cubic meters	Machine mixed and vibrated design mix concrete M30 for pavement works for durability consideration with necessary reinforcement using 0.425 cum of 19mm to 22mm HBG crushed metal 0.425 cum of 12mm to 14mm IRC HBG crushed metal, 0.406 cum of sand of any approved quarry and cement 415 Kgs with water cement ratio of 0.38 (158 lit/cum of C.C) well compacted including centring with steel or wooden frames, preferably steel frames in straight position casting, curing cost and conveyance of all materials including centering charges form work etc., complete but excluding cost of steel and binding wire, fabrication charges etc., complete as directed during execution and neat finishing of top surface and also providing expansion joints construction joints wherever found necessary excluding cost of asphalt pad etc., complete. NOTE: if pavement concrete is laid in between the existing kerbs deduction may be made proportionately for centering charges of Rs.160.00/cum	1515	7925.49	Rupees Seven Thousand Nine Hundred Twenty Five and Paise Forty Nine Only	One Cubic meter	100,89,148.77

49	8490.00	Eight Thousand Four Hundred Ninety Square meters	Vaccum drying of freshly laid cement concrete floor using 100% air tight suction mat of suitable size and length, vaccum pump to maintain vaccum pressure 0.7-0.8 atmospheres as per the standard procedure floating with power floater, mechanical travelling, finishing with sound edges and corners, including hire and operational charges of machinery, labour, fuel etc., complete for finished item of work asdirected by Engineer-in-charge.	NA	75.00	Rupees Seventy Five Only	One square meter	6,36,750.00
50	374.00	Three Hundred Seventy Four Square meters	Providing & fixing in position 0.9mm thick profiled deck sheet of S350 grade (JSW make or equivalent approved make) including fasteners, edge angle, end cap and trims etc all complete as per specifications & drawings for deck in all floors.	NA	914.60	Rupees Nine Hundred Fourteen and Paise Sixty Only	One square meter	3,42,060.40
51	868.00	Eight Hundred Sixty Eight Square meters	Supplying and fixing of 6mm thick Polycarbonate sheet compact clear with both side UV protection of approved colour confirming to IS Specifications including cost of necessary bolts, nuts, washers, sncher screen and relevant for points etc., complete as directed during execution in all floors.	NA	2428.94	Rupees Two Thousand Four Hundred Twenty Eight and Paise Ninety Four Only	One square meter	21,08,319.92
52			Providing impervious coat to exposed RCC roof slab surface with CM(1:3), 20mm thick with 1kg of water proof compound per bag of cement laid over roof when it is green including cost of all materials, seigniorage charges, excluding conveyance charges of materials and including all operational, incidental and labour charges for mixing mortar, laying, rendering smooth and thread lining, curing, rounding off junctions of wall and slab etc., complete for finished item of work	NA				
i	4250.00	Four Thousand Two Hundred Fifty Square meters	- DO - for Terrace floor (14th Floor)	NA	1193.02	Rupees One Thousand One Hundred Ninety Three and Paise Two Only	One square meter	50,70,335.00
53	5800.00	Five Thousand Eight Hundred Running meters	Half Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same etc., complete as directed during execution in all floors.	NA	396.78	Rupees Three Hundred Ninety Six and Paise Seventy Eight Only	One Running meter	23,01,324.00

	54	3360.00	Three Thousand Three Hundred Sixty Cubic meters	Providing, laying, spreading and compacting graded stone aggregate (IRC size HBG crushed stone aggregate confirming to Table 400-12 & Table 400-13) to Wet mix Macadam specification including premixing the material with water at OMC in Mechanical mixer, carriage of mixed material by Tipper to site, laying in uniform layers in sub-base / base coarse on well prepared sub-base and compacting with Vibratory roller 8-10 Tonnes weight to achieve desired density including lighting, barricading and maintenance of diversion, etc as per Technical specification vide clause No.406 of MORTH (5th Revision) etc., complete in all respects and as directed by Engineer-in-charge during execution. -do - for thicknesses more than 100 mm	NA	2417.63	Rupees Two Thousand Four Hundred Seventeen and Paise Sixty Three Only	One Cubic meter	81,23,236.80
				Total CIVIL Works Amount					17224,05,897.90

	Probable Quantity in		Description of Work	A.P.S.S.N o./ MoRTH/ MORD	Estimate Rate in		Unit in Words	Amount in Rs.
	Figures	Words			Figures	Words		
	(2)		(3)	(4)	(5)	(6)	(7)	(8)
			Water supply & Sanitary					
55	732.00	Seven Hundred Thirty Two Numbers	Supply, Installation and commissioning of approved make floor mounted Close coupled EWC suit CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC interconnection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: White Colour	NA	10,381.97	Rupees Ten Thousand Three Hundred Eighty One and Paise Ninety Seven Only	Each	75,99,602.04
56	966	Nine Hundred Sixty Six Numbers	Supplying & Fixing of Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part- 4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/Senior/Nice/Eso or equivalent complete with standard CI brackets including wooden block : 450 x 300 mm - Double C.P. Pillar cock including supply & fixing of the following fittings & accessories	NA	3,751.25	Rupees Three Thousand Seven Hundred Fifty One and Paise Twenty Five Only	Each	36,23,707.50
a			a) Supplying & Fixing of 31.75 mm C.P bottle trap (Heavy type) Parryware or equivalent	NA				-
b			b) Supply & Fixing of 38.1 mm dia PVC solid waste pipe outlet	NA				-
c			c) Supply & Fixing of 15mm Angular stop cock with wall flange Jaquar Continental series, Chrome finish with 7 years warranty	NA				-
57	966.00	Nine Hundred Sixty Six Numbers	Supplying and fixing of TV shape mirror with plastic frame size 609.6 mm x 457.2 mm	NA	606.50	Rupees Six Hundred Six and Paise Fifty Only	Each	5,85,879.00
58	966.00	Nine Hundred Sixty Six Numbers	Supply & Fixing of Towel Ring Jaquar make Continental series, Chrome finish with 7 years warranty	NA	1,088.30	Rupees One Thousand Eighty Eight and Paise Thirty Only	Each	10,51,297.80
59	732.00	Seven Hundred Thirty Two Numbers	Supply & Fixing of Toilet paper holder Jaquar make Continental series, Chrome finish with 7 years warranty	NA	945.46	Rupees Nine Hundred Forty Five and Paise Forty Six Only	Each	6,92,076.72

60	732.00	Seven Hundred Thirty Two Numbers	Supply & Fixing of Double coat hook Jaquar make Continental series, Chrome finish with 7 years warranty	NA	811.69	Rupees Eight Hundred Eleven and Paise Sixty Nine Only	Each	5,94,157.08
61	732.00	Seven Hundred Thirty Two Numbers	Supply & Fixing of soap dish Jaquar make Continental series, Chrome Finish with 7 years warranty	NA	1,415.93	Rupees One Thousand Four Hundred Fifteen and Paise Ninety Three Only	Each	10,36,460.76
62	732.00	Seven Hundred Thirty Two Numbers	Supply & Fixing of towel rail 24" Jaquar make Continental series, Chrome finish with 7 years warranty	NA	1,756.02	Rupees One Thousand Seven Hundred Fifty Six and Paise Two Only	Each	12,85,406.64
63	732.00	Seven Hundred Thirty Two Numbers	Supply & Fixing of Bib cock cum Health Faucet with 1 m long tube and wall hook of Jaquar Continental series, Chrome Finish with 7 years warranty	NA	3,480.31	Rupees Three Thousand Four Hundred Eighty and Paise Thirty One Only	Each	25,47,586.92
64	135.00	One Hundred Thirty Five Numbers	Supplying & fixing of stainless steel sink size 36" x 18" (914.4 x 457.2 mm) 1 mm thick with accessories	NA	8,296.62	Rupees Eight Thousand Two Hundred Ninety Six and Paise Sixty Two Only	Each	11,20,043.70
65	135.00	One Hundred Thirty Five Numbers	Supplying & fixing of single bowl stainless steel sink size 24" x 18" x 8 " (609.6 x 457.2 x 203.2 mm) 1 mm thick with accessories	NA	6,568.37	Rupees Six Thousand Five Hundred Sixty Eight and Paise Thirty Seven Only	Each	8,86,729.95
66	270.00	Two Hundred Seventy Numbers	Supply & Fixing Sink cock with regular swinging spout with flange chrome plated Jaquar make Continental series with 7 years warranty	NA	1,799.10	Rupees One Thousand Seven Hundred Ninety Nine and Paise Ten Only	Each	4,85,757.00

67	732.00	Seven Hundred Thirty Two Numbers	Supply, Transportation and fixing of storage / Pressure type Vertical /Horizontal 230/250 V single phase 2000 watts ISI mark 5 Star rated water heater with SS tank and ABS plastic body of 15 liters capacity to withstand up to 6.5 bar of water pressure including all standard accessories and dead weight pressure reducing valve on out let side, including cost of 2 Nos nylon / PVC / Metallic hose pipe, testing and all labour charges etc., complete. Makes : As per list of recommended brands.	NA	13,150.34	Rupees Thirteen Thousand One Hundred Fifty and Paise Thirty Four Only	Each	96,26,048.88
68	732.00	Seven Hundred Thirty Two Numbers	Supply & Fixing of Wall Mixer with provision for over head shower and 115 mm long bend pipe with wall flange Jaquar make Continental series, Chrome finish with 7 years warranty	NA	4,469.98	Rupees Four Thousand Four Hundred Sixty Nine and Paise Ninety Eight Only	Each	32,72,025.36
69	1200.00	One Thousand Two Hundred Numbers	Supply & Fixing of Angular stop cock with wall flange Jaquar Continental series, Chrome finish with 7 years warranty	NA	945.46	Rupees Nine Hundred Forty Five and Paise Forty Six Only	Each	11,34,552.00
70	234.00	Two Hundred Thirty Four Numbers	Supply & Fixing of 12.7 mm NP bib tap Indian make heavy duty	NA	448.08	Rupees Four Hundred Forty Eight and Paise Eight Only	Each	1,04,850.72
71	966.00	Nine Hundred Sixty Six Numbers	Supply & Fixing of liquid soap container NP metallic with NP brackets and screws.	NA	270.09	Rupees Two Hundred Seventy and Paise Nine Only	Each	2,60,906.94
72			Supply and fixing of the following sizes of PVC /SWR pipes & fittings (as per ISI standards) 6 kg/cm ² including labour charges for laying, fixing and commissioning the PVC pipes including couplers/bends/tees etc., any dia including fixing necessary fittings like bends, plugs, couplers, junctions, tees etc., with solvent jointing as per standard practice.	NA				-
			FOR INSIDE THE TOILET & KITCHEN, RAIN WATER PIPE, AC LEDGE DRAIN PIPE, CORRIDOR DRAIN PIPE & BALCONY DRAIN PIPE	NA				-
a	5521.00	Five Thousand Five Hundred Twenty One Running meters	.-do- 75 mm dia single socket	NA	263.10	Rupees Two Hundred Sixty Three and Paise Ten Only	One Running meter	14,52,575.10

	b	16676.00	Sixteen Thousand Six Hundred Seventy Six Running meters	.-do- 110 mm dia single socket	NA	401.03	Rupees Four Hundred One and Paise Three Only	One Running meter	66,87,576.28
	c	480.00	Four Hundred Eighty Running meters	.-do-160 mm dia Double Socket PVC/SWR pipe - 6 kg/cm2	NA	770.60	Rupees Seven Hundred Seventy and Paise Sixty Only	One Running meter	3,69,888.00
	73			Supply, installation and testing of UPVC Drain Piping with 6 mm Nitrile Rubber class "O" Insulation covered with interwoven glass cloth protection. Necessary pipe fittings(Including enlarger, bends, T Joints etc) has to be considered to connect the UPVC drain pipe to cast iron floor trap.	NA				-
	a	2385.00	Two Thousand Three Hundred Eighty Five Running meters	.-do- 40 mm dia	NA	422.57	Rupees Four Hundred Twenty Two and Paise Fifty Seven Only	One Running meter	10,07,829.45
	b	316.00	Three Hundred Sixteen Running meters	.-do- 50 mm dia	NA	479.25	Rupees Four Hundred Seventy Nine and Paise Twenty Five Only	One Running meter	1,51,443.00
	74	234.00	Two Hundred Thirty Four Numbers	Supply and fixing of UPVC Pipe fittings of floor trap (Bell Mouth) 110 mm dia with 75 mm dia outlet of approved make including Square tile & Jalli on top of the trap of approved make etc., complete as directed during execution	NA	348.60	Rupees Three Hundred Forty Eight and Paise Sixty Only	Each	81,572.40
	75	504.00	Five Hundred Four Numbers	Supply and fixing of UPVC Pipe fittings of multi floor trap with jali 110 mm dia, 75 mm dia outlet of approved make etc., complete as directed during execution.	NA	207.32	Rupees Two Hundred Seven and Paise Thirty Two Only	Each	1,04,489.28
	76	1563.00	One Thousand Five Hundred Sixty Three Numbers	Supply and fixing of UPVC Pipe fittings of P trap with (Big without Air vent) 110 mm dia outlet including Square tile & Jalli of approved make etc., complete as directed during execution	NA	337.26	Rupees Three Hundred Thirty Seven and Paise Twenty Six Only	Each	5,27,137.38

77	234.00	Two Hundred Thirty Four Numbers	Supply & fixing of cp spl. Grating with frame and cover of 1st quality	NA	68.02	Rupees Sixty Eight and Paise Two Only	Each	15,916.68
78			Supply, laying and jointing of UPVC vent cowl of following sizes of approved make for soil, waste and vent pipes with solvent joints (For Soil pipe, Waste pipe, Vent pipe, Balcony drain pipe, Corridor drain pipe & Rainwater pipe)	NA				-
a	166.00	One Hundred Sixty Six Numbers	75 mm dia	NA	18.42	Rupees Eighteen and Paise Forty Two Only	Each	3,057.72
b	231.00	Two Hundred Thirty One Numbers	110 mm dia	NA	25.51	Rupees Twenty Five and Paise Fifty One Only	Each	5,892.81
c	10.00	Ten Numbers	160 mm dia	NA	341.00	Rupees Three Hundred Forty One Only	Each	3,410.00
d	4.00	Four Numbers	200 mm dia	NA	485.00	Rupees Four Hundred Eighty Five Only	Each	1,940.00
79	23550.00	Twenty Three Thousand Five Hundred Fifty Kilo grams	Fabrication, supplying and fixing in position MS brackets with Two 25 x 6 mm thick flats of required length with legs of 60 mm x 6 mm flat of required length including welding, grinding and fixing in position with anchor bolts / in CC block of 200 mm x 200 mm in CC 1:2:4 as approved by Consultant, painting with a coat of primer over two coats of approved enamel paint of colour and shade as approved etc., all complete (Excluding cost of CC blocks)	NA	144.00	Rupees One Hundred Forty Four Only	One Kilo gram	33,91,200.00
80			Supplying and fixing of the following sizes of Medium Grade GI pipes & weight as per IS 1239 ISI mark of approved make with required GI fittings including the cost of pipe & its fittings & labour charges etc., complete	NA				-
			(POTABLE & FLUSHING WATER PUMPING MAINS FROM BASEMENT-1 CEILING LEVEL TO POTABLE OHT & FLUSHING OHT)	NA				-
a	1101.00	One Thousand One Hundred One Running meters	20 mm Nominal Bore	NA	249.04	Rupees Two Hundred Forty Nine and Paise Four Only	One Running meter	2,74,193.04

b	1367.00	One Thousand Three Hundred Sixty Seven Running meters	25 mm Nominal Bore	NA	324.22	Rupees Three Hundred Twenty Four and Paise Twenty Two Only	One Running meter	4,43,208.74
c	3640.00	Three Thousand Six Hundred Forty Running meters	32 mm Nominal Bore	NA	451.19	Rupees Four Hundred Fifty One and Paise Nineteen Only	One Running meter	16,42,331.60
d	2783.00	Two Thousand Seven Hundred Eighty Three Running meters	40 mm Nominal Bore	NA	503.34	Rupees Five Hundred Three and Paise Thirty Four Only	One Running meter	14,00,795.22
e	645.00	Six Hundred Forty Five Running meters	50 mm Nominal Bore	NA	544.15	Rupees Five Hundred Forty Four and Paise Fifteen Only	One Running meter	3,50,976.75
f	12.00	Twelve Running meters	65 mm Nominal Bore	NA	1,235.00	Rupees One Thousand Two Hundred Thirty Five Only	One Running meter	14,820.00
g	805.00	Eight Hundred Five Running meters	80 mm Nominal Bore	NA	1,339.00	Rupees One Thousand Three Hundred Thirty Nine Only	One Running meter	10,77,895.00
h	1913.00	One Thousand Nine Hundred Thirteen Running meters	100 mm Nominal Bore	NA	1,785.00	Rupees One Thousand Seven Hundred Eighty Five Only	One Running meter	34,14,705.00
i	779.00	Seven Hundred Seventy Nine Running meters	150 mm Nominal Bore	NA	2,590.00	Rupees Two Thousand Five Hundred Ninety Only	One Running meter	20,17,610.00

	j	48.00	Forty Eight Running meters	200 mm Nominal Bore	NA	3,832.00	Rupees Three Thousand Eight Hundred Thirty Two Only	One Running meter	1,83,936.00
	81			Supply & Fixing of suitable heavy G.I Hanger rods of 8 mm dia. at 1.5 m c/c duly fixing into slabs/beams etc., for hanging the following sizes of GI pipes.	NA				-
	a	209.00	Two Hundred Nine Numbers	40 mm nominal bore	NA	90.00	Rupees Ninety Only	Each	18,810.00
	b	209.00	Two Hundred Nine Numbers	50 mm nominal bore	NA	90.00	Rupees Ninety Only	Each	18,810.00
	c	117.00	One Hundred Seventeen Numbers	80 mm nominal bore	NA	102.00	Rupees One Hundred Two Only	Each	11,934.00
	d	151.00	One Hundred Fifty One Numbers	100 mm nominal bore	NA	102.00	Rupees One Hundred Two Only	Each	15,402.00
	82			Supply and Fixing of Premium make CPVC Pipes along with necessary Fittings to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" to 2" Ashirvad Flowgurard SDR 11 pipes are made from identical CPVC compounds having the same physical Proper ties for Hot and Cold Water(IS15778:2007)	NA				-
				FOR INSIDE THE TOILETS, KITCHEN AND UTILITY FOR POTABLE WATER PIPELINES	NA				-
	a	12751.00	Twelve Thousand Seven Hundred Fifty One Running meters	22.20 mm OD Pipe -SDR 11	NA	116.77	Rupees One Hundred Sixteen and Paise Seventy Seven Only	One Running meter	14,88,934.27
	b	31.00	Thirty One Running meters	28.60 mm OD Pipe -SDR 11	NA	181.38	Rupees One Hundred Eighty One and Paise Thirty Eight Only	One Running meter	5,622.78
	83			Supply and fixing of Gunmetal (GM) Ball valves of the following sizes with SS Ball and SS Spindle as per IS - Class I, Indian make heavy type	NA				-

	a	1669.00	One Thousand Six Hundred Sixty Nine Numbers	20 mm NB Size	NA	688.41	Rupees Six Hundred Eighty Eight and Paise Forty One Only	Each	11,48,956.29
	b	4.00	Four Numbers	25 mm NB Size	NA	996.76	Rupees Nine Hundred Ninety Six and Paise Seventy Six Only	Each	3,987.04
	c	143.00	One Hundred Forty Three Numbers	32 mm NB Size	NA	1,789.18	Rupees One Thousand Seven Hundred Eighty Nine and Paise Eighteen Only	Each	2,55,852.74
	d	127.00	One Hundred Twenty Seven Numbers	40 mm NB Size	NA	2,670.03	Rupees Two Thousand Six Hundred Seventy and Paise Three Only	Each	3,39,093.81
	e	27.00	Twenty Seven Numbers	50 mm NB Size	NA	4,634.64	Rupees Four Thousand Six Hundred Thirty Four and Paise Sixty Four Only	Each	1,25,135.28
	84			Manufacture, Supply and delivery of CI Wafer Lug type Butterfly Valves of following sizes conforming to IS 13095/1991 (Reaffirmed 1998) excluding transportation, CED and taxes etc., complete. Operation done with worm actuator ISI marked Rate at Ex-Factory. Makes : As per list of recommended brands.	NA				
	a	8.00	Eight Numbers	65 mm dia	NA	4,545.37	Rupees Four Thousand Five Hundred Forty Five and Paise Thirty Seven Only	Each	36,362.96
	b	19.00	Nineteen Numbers	80 mm dia	NA	5,164.91	Rupees Five Thousand One Hundred Sixty Four and Paise Ninety One Only	Each	98,133.29

	c	15.00	Fifteen Numbers	100 mm dia	NA	6,935.67	Rupees Six Thousand Nine Hundred Thirty Five and Paise Sixty Seven Only	Each	1,04,035.05
	d	22.00	Twenty Two Numbers	150 mm dia	NA	10,330.95	Rupees Ten Thousand Three Hundred Thirty and Paise Ninety Five Only	Each	2,27,280.90
	e	3.00	Three Numbers	200 mm dia	NA	16,233.87	Rupees Sixteen Thousand Two Hundred Thirty Three and Paise Eighty Seven Only	Each	48,701.61
	85			Supply and fixing float valve (ball cock) of polypropylene or synthetic metal (symet), float and rod of approved make as specified in the enclosed list	NA				-
	a	3.00	Three Numbers	40 mm nominal bore	NA	4,200.00	Rupees Four Thousand Two Hundred Only	Each	12,600.00
	b	6.00	Six Numbers	50 mm nominal bore	NA	6,600.00	Rupees Six Thousand Six Hundred Only	Each	39,600.00
	86			Supply and fixing MS or GI insert in RCC tanks with flanged ends 450 mm to 750 mm long including puddle flange required no of companion flanges, bolts, nuts, rubber gaskets, a thick coat of non-setting mastic or plastic cement etc., complete. {FOR ALL OHT's (Domestic, Flushing & Fire), Excluding Fire OHT outlet pipe}	NA				-
	a	6.00	Six Numbers	40 mm nominal bore (screwed ends)	NA	2,200.00	Rupees Two Thousand Two Hundred Only	Each	13,200.00
	b	12.00	Twelve Numbers	50 mm nominal bore (screwed ends)	NA	2,561.00	Rupees Two Thousand Five Hundred Sixty One Only	Each	30,732.00

	c	21.00	Twenty One Numbers	65 mm nominal bore	NA	2,677.00	Rupees Two Thousand Six Hundred Seventy Seven Only	Each	56,217.00
	d	45.00	Forty Five Numbers	100 mm nominal bore	NA	3,143.00	Rupees Three Thousand One Hundred Forty Three Only	Each	1,41,435.00
	e	13.00	Thirteen Numbers	150 mm nominal bore	NA	5,471.00	Rupees Five Thousand Four Hundred Seventy One Only	Each	71,123.00
	f	6.00	Six Numbers	200 mm nominal bore	NA	8,381.00	Rupees Eight Thousand Three Hundred Eighty One Only	Each	50,286.00
	87			Disinfecting of water mains with 50 ppm of chlorine solution and then flushing the entire pipeline with water etc., complete as per standard specifications and directed by Engineer-in-charge	NA				-
	a	13852.00	Thirteen Thousand Eight Hundred Fifty Two Running meters	20 mm nominal bore	NA	12.00	Rupees Twelve Only	One Running meter	1,66,224.00
	b	1398.00	One Thousand Three Hundred Ninety Eight Running meters	25 mm nominal bore	NA	12.00	Rupees Twelve Only	One Running meter	16,776.00
	c	3640.00	Three Thousand Six Hundred Forty Running meters	32 mm nominal bore	NA	12.00	Rupees Twelve Only	One Running meter	43,680.00

d	2783.00	Two Thousand Seven Hundred Eighty Three Running meters	40 mm nominal bore	NA	16.00	Rupees Sixteen Only	One Running meter	44,528.00
e	625.00	Six Hundred Twenty Five Running meters	50 mm nominal bore	NA	16.00	Rupees Sixteen Only	One Running meter	10,000.00
f	12.00	Twelve Running meters	65 mm nominal bore	NA	20.00	Rupees Twenty Only	One Running meter	240.00
g	805.00	Eight Hundred Five Running meters	80 mm nominal bore	NA	20.00	Rupees Twenty Only	One Running meter	16,100.00
h	1973.00	One Thousand Nine Hundred Seventy Three Running meters	100 mm nominal bore	NA	24.00	Rupees Twenty Four Only	One Running meter	47,352.00
i	779.00	Seven Hundred Seventy Nine Running meters	150 mm nominal bore	NA	30.00	Rupees Thirty Only	One Running meter	23,370.00
j	48.00	Forty Eight Running meters	200 mm nominal bore	NA	36.00	Rupees Thirty Six Only	One Running meter	1,728.00
88			Providing and supplying of pressure reducing station consisting of pressure reducing valves of approved make with pressure reducing range from 40 to 10 m head along with 2 nos. of pressure gauges, 3 nos. of ball valves / butterfly valves etc., complete.	NA				-
a	43.00	Forty Three Numbers	32 mm nominal bore	NA	6,574.00	Rupees Six Thousand Five Hundred Seventy Four Only	Each	2,82,682.00

	b	28.00	Twenty Eight Numbers	40 mm nominal bore	NA	7,679.00	Rupees Seven Thousand Six Hundred Seventy Nine Only	Each	2,15,012.00
	c	3.00	Three Numbers	50 mm nominal bore	NA	9,995.00	Rupees Nine Thousand Nine Hundred Ninety Five Only	Each	29,985.00
	d	1.00	One Numbers	80 mm nominal bore	NA	40,800.00	Rupees Forty Thousand Eight Hundred Only	Each	40,800.00
	e	1.00	One Numbers	100 mm nominal bore	NA	56,640.00	Rupees Fifty Six Thousand Six Hundred Forty Only	Each	56,640.00
	89			Supplying and fixing of air release valves of model and make as specified in the list of makes etc., complete.	NA				-
	a	298.00	Two Hundred Ninety Eight Numbers	20 mm nominal bore	NA	931.00	Rupees Nine Hundred Thirty One Only	Each	2,77,438.00
	90	6137.00	Six Thousand One Hundred Thirty Seven Kilo grams	Supplying and fixing in position MS channels of 300 x 90 x 7.8 mm of required length and embedded in concrete of 50 mm thick including painting with two coats of approved shade and colour of enamel paint over a coat of primer etc., complete.	NA	106.46	Rupees One Hundred Six and Paise Forty Six Only	One Kilo gram	6,53,345.02
	91			Providing and fixing rainwater C.I grating over PVC of dia. PVC/SWR Pipe - 6 kg/cm2 as mentioned below	NA				-
	a	3.00	Three Numbers	110 mm dia single socket	NA	510.00	Rupees Five Hundred Ten Only	Each	1,530.00
	b	10.00	Ten Numbers	160 mm dia Double Socket	NA	660.00	Rupees Six Hundred Sixty Only	Each	6,600.00
	92			Manufacture, Supply, Delivery and laying of Unplasticised PVCs Pipes of test pressure 6 kg/cm2 for potable water supplies conforming to IS : 4985/2000 (3rd revision) with bell ends (Socket) as per specification in light Grey/Natural Ivory Grey/ Any other Color (except White).	NA				-
				FOR VERTICAL STACKS INSIDE THE DUCT & FOR Soil, waste and rain water pipes at second and sixth floor ceiling level	NA				-

	a	2650.00	Two Thousand Six Hundred Fifty Running meters	50 mm -6 kg/cm2	NA	195.84	Rupees One Hundred Ninety Five and Paise Eighty Four Only	One Running meter	5,18,976.00
	b	1031.00	One Thousand Thirty One Running meters	110 mm - 6 kg/cm2	NA	496.26	Rupees Four Hundred Ninety Six and Paise Twenty Six Only	One Running meter	5,11,644.06
	c	1385.00	One Thousand Three Hundred Eighty Five Running meters	160 mm dia - 6 kg/cm2	NA	925.91	Rupees Nine Hundred Twenty Five and Paise Ninety One Only	One Running meter	12,82,385.35
	d	754.00	Seven Hundred Fifty Four Running meters	200 mm dia - 6 kg/cm2	NA	1,392.97	Rupees One Thousand Three Hundred Ninety Two and Paise Ninety Seven Only	One Running meter	10,50,299.38
	93			Supply & Fixing of suitable heavy G.I Hanger rods of 8 mm dia. at 1.0 m c/c duly fixing in to slabs/beams etc., for hanging the following sizes of uPVC pipes	NA				-
	a	829.00	Eight Hundred Twenty Nine Numbers	110 mm dia Pipe - 6 kg/cm2	NA	102.00	Rupees One Hundred Two Only	Each	84,558.00
	b	1305.00	One Thousand Three Hundred Five Numbers	160 mm dia - 6 kg/cm2	NA	120.00	Rupees One Hundred Twenty Only	Each	1,56,600.00
	c	296.00	Two Hundred Ninety Six Numbers	200 mm dia - 6 kg/cm2	NA	120.00	Rupees One Hundred Twenty Only	Each	35,520.00
	94			Providing and fixing PVC clean out plug with PVC threaded end caps to soil, waste and rain water pipes as required etc., complete	NA				-

	a	23.00	Twenty Three Numbers	110 mm dia - 6 kg/cm2	NA	478.00	Rupees Four Hundred Seventy Eight Only	Each	10,994.00
	b	42.00	Forty Two Numbers	160mm dia - 6 kg/cm2	NA	1,699.00	Rupees One Thousand Six Hundred Ninety Nine Only	Each	71,358.00
	c	28.00	Twenty Eight Numbers	200mm dia - 6 kg/cm2	NA	1,979.00	Rupees One Thousand Nine Hundred Seventy Nine Only	Each	55,412.00
	95	2.00	Two Numbers	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	NA	6,935.67	Rupees Six Thousand Nine Hundred Thirty Five and Paise Sixty Seven Only	Each	13,871.34
	96	13.00	Thirteen Numbers	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar(1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" RCC manhole covers and frames including excavating pits upto a depth of 1524 mm (5'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete finished item of work as per Standard specification.	NA	10,834.29	Rupees Ten Thousand Eight Hundred Thirty Four and Paise Twenty Nine Only	Each	1,40,845.77

97	7	Seven Numbers	Constructing 1220.0 mm (4'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar(1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" RCC manhole covers and frames including excavating pits upto a depth of 2440 mm (8'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete finished item of work as per Standard specification.	NA	24,000.00	Rupees Twenty Four Thousand Only	Each	1,68,000.00
98	437.00	Four Hundred Thirty Seven Running meters	Earth work excavation in all soils except sand or loose soil, SDR etc., for pipe line for drainage and water supply and electrical where the depth is 1 1/2 times or more than width and depositing the excavated earth within a lead of 10 meters.	NA	556.04	Rupees Five Hundred Fifty Six and Paise Four Only	One Running meter	2,42,989.48
				NA				-
99			Laying of uPVC pipes on plain cement concrete 1:3:6, bed 15 cm thick and projecting 100 mm on either side at all depths excluding earth work excavation & cost of pipes and including cost of concrete, laying of pipes to the gradient etc., complete	NA				-
a	40.00	Forty Running meters	110 mm dia	NA	600.00	Rupees Six Hundred Only	One Running meter	24,000.00
b	337.00	Three Hundred Thirty Seven Running meters	160 mm dia	NA	1,080.00	Rupees One Thousand Eighty Only	One Running meter	3,63,960.00
100			Manufacture, supply, delivery & laying of (DWC) structured wall polyethylene/polypropylene piping system with non-smooth external annular corrugated and smooth internal surface (Double Wall) for non-pressure sewage & Drainage application pipes of standard length 6 m, grade conforming to IS 16098 (part-II: 2013) including transportation to anywhere in A.P, excluding GST.	NA				-

	a	337.00	Three Hundred Thirty Seven Running meters	200 mm dia Stiffness Class SN-8	NA	824.73	Rupees Eight Hundred Twenty Four and Paise Seventy Three Only	One Running meter	2,77,934.01
	101	10.00	Ten Numbers	Providing and fixing 2 nos of square mouth PVC gully traps with 110 mm dia. Outlet of approved make with cast iron grating housed in block masonry chamber of size 800 mm x 800 mm and 1200 mm deep, base concrete in 1:2:4, 150 mm thick, side walls 200 mm thick in CM 1:3, 15 mm thick plaster in CM 1:2, inside and outside, filling the space with CC 1:2:4, top cover slab 150 mm thick including reinforcement, earthwork excavation, disposal of excess earth with a lead of 50 m etc all complete as per drg.	NA	21,000.00	Rupees Twenty One Thousand Only	One Running meter	2,10,000.00
	102	2.00	Two Numbers	Supplying and fixing in position Grease trap of model and make as specified in the list of makes etc all complete.	NA	30,000.00	Rupees Thirty Thousand Only	Each	60,000.00
	103			Providing and fixing water meter of approved make with necessary tapers, 3 nos. valves, strainers, specials, nuts, bolts and washers, by pass arrangement etc all complete including applying one coat of red oxide paint and two coats of enamel paint of specified colour.	NA				-
	a	2.00	Two Numbers	100 mm nominal bore	NA	19,200.00	Rupees Nineteen Thousand Two Hundred Only	Each	38,400.00
	104			Supply, installation in position, testing and commissioning of 2 nos. of electrically driven Vertical inline multi stage pumps of approved make or approved equivalent make capable of discharging as indicated below, shall be automatic in operation with control panel, 3 nos, Solenoid valve and float in the inlet of the tank, 40 mm dia., 3 nos, with pressure zone consists of pressure switch, pressure controller, pressure gauges, 2 nos etc, pressure vessel of 1000 lts and necessary accessories, , automation system of approved make, accessories like pressure gauges, foot valves, termination of cables, earthing leads, etc. all complete for total system.	NA				-
		1.00	One Set	With pumps having discharge of 4.30 lps and head 75 m (flushing pumps, 1 Working and 1 standby)	NA	11,76,000.00	Rupees Eleven lakhs Seventy Six Thousand Only	Each Set	11,76,000.00

	105			Supply, installation in position, testing and commissioning of 2 nos. of electrically driven Vertical inline multi stage pumps of approved make or approved equivalent make capable of discharging as indicated below, shall be automatic in operation with control panel 3 nos, Solenoid valve and float in the inlet of the tank, 100 mm dia., 3 nos, pressure zone consists of pressure switch, pressure controller, pressure gauges, 2 nos etc, pressure vessel of 1000 lts and necessary accessories, , automation system of approved make, accessories like pressure gauges, foot valves, termination of cables, earthing leads, etc. all complete for total system.	NA				-
	1.00	One Set		With pumps having discharge of 7.10 lps and head 80 m (domestic pumps, 1 Working and 1 standby)	NA	15,72,864.00	Rupees Fifteen lakhs Seventy Two Thousand Eight Hundred Sixty Four Only	Each Set	15,72,864.00
	106			Providing, installation, testing and commissioning of dual Plate non - return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required. Makes : As per list of recommended brands.	NA				-
	a	2.00	Two Numbers	65 mm dia	NA	2,921.76	Rupees Two Thousand Nine Hundred Twenty One and Paise Seventy Six Only	Each	5,843.52
	b	2.00	Two Numbers	80 mm dia	NA	5,017.53	Rupees Five Thousand Seventeen and Paise Fifty Three Only	Each	10,035.06
	c	2.00	Two Numbers	100 mm dia	NA	5,164.91	Rupees Five Thousand One Hundred Sixty Four and Paise Ninety One Only	Each	10,329.82

	107			Supply, installation in position, testing and commissioning of 2 nos. of electrically driven submersible pumps of approved make capable of discharging as indicated below, shall be automatic in operation with control panel, low and high level sensors provided in sump of approved make accessories like pressure gauges, foot valves, termination of cables, earthing leads, etc. allcomplete.	NA				-
	1.00	One Set	With pumps having discharge of 150 lpm at 30 m head (1 Working and 1 standby)		NA	2,32,660.00	Rupees Two lakhs Thirty Two Thousand Six Hundred Sixty Only	Each Set	2,32,660.00
	108	2.00	Two Sets	Supply, installation in position testing and commissioning of electrically driven hydro pneumatic system with the following accessories, inline vertical monoblock stainless steel pumps with suction & delivery manifolds assembly, having stainless steel casing, stainless steel pump foot and diffusers, stainless steel impellers, ceramic bearings, shaft protection brushes and mechanical seal driven TEFC vertical flange motor 2900 rpm, 415 volts, 50 cycles AC 3 phase, vertical diaphragm tanks fabricated from prime quality steel for long life, each tank fitted with non toxic replaceable bladder, isolation valves, armoured cable from panel to motors, sheet steel clad mounting control panel, OFF / AUTO / MANUALSELECTOR including PRESSURE SWITCH to control the operation of the pump.	NA	8,29,025.00	Rupees Eight lakhs Twenty Nine Thousand Twenty Five Only	Each Set	16,58,050.00

			The rate shall include for the foot valve & necessary connection to the suction header. Duty : Total Flow 6.3 LPS @ 30 m head (each pump to deliver 6.3 LPS @ 30 mtrs head. Cut in : 2.5 Kg/sq.cm & cut off : 3.0 Kg/sq.cm No. of Pumps :2 (1working and 1 standby, standby operating during peak flow). Control panel consists of microprocessor based controller programmed with purpose developed software as produced by the equipment manufacturer, to give system operation as described with 1 no. VFD. The VFD shall of reputed make with RF1 filter and harmonic dampers. Hydropneumatic tank : Wellmate Tank (500 litres). Make of pumps: XYLUM. Vendor to supply the model of pumps along with pump curves for the approval of the Consultant before procurement of pumps. (FOR COLD WATER SYSTEM)	NA					-
109	1.00	One set	Supply, installation in position testing and commissioning of electrically driven hydro pneumatic system with the following accessories, inline vertical monoblock stainless steel pumps with suction & delivery manifolds assembly, having stainless steel casing, stainless steel pump foot and diffusers, stainless steel impellers, ceramic bearings, shaft protection brushes and mechanical seal driven TEFC vertical flange motor 2900 rpm, 415 volts, 50 cycles AC 3 phase , vertical diaphragm tanks fabricated from prime quality steel for long life, each tank fitted with non toxic replaceable bladder, isolation valves, armoured cable from panel to motors, sheet steel clad mounting control panel, OFF / AUTO / MANUALELECTOR including PRESSURE SWITCH to control the operation of the pump.	NA	10,58,051.00	Rupees Ten lakhs Fifty Eight Thousand Fifty One Only	Each Set	10,58,051.00	
			The rate shall include for the foot valve & necessary connection to the suction header. Duty : Total Flow 9.30 LPS @ 30 m head (each pump to deliver 9.30 LPS @ 30 mtrs head. Cut in : 2.5 Kg/sq.cm & cut off : 3.0 Kg/sq.cm No. of Pumps :2 (1working and 1 standby, standby operating during peak flow). Control panel consists of microprocessor based controller programmed with purpose developed software as produced by the equipment manufacturer, to give system operation as described with 1 no. VFD. The VFD shall of reputed make with RF1 filter and harmonic dampers. Hydropneumatic tank : Wellmate Tank (500 litres). Make of pumps: XYLUM. Vendor to supply the model of pumps along with pump curves for the approval of the Consultant before procurement of pumps. (FOR COLD WATER SYSTEM)	NA					-
			Total Amount						778,69,344.29

Sl.No.	Probable Quantity in		Description of Work	A.P.S.S.N o./ MoRTH/ MORD	Estimate Rate in		Unit in Words	Amount in Rs.
	Figures	Words			Figures	Words		
	(2)		(3)	(4)	(5)	(6)	(7)	(8)
			Fire fighting					-
110	2.00	Two Sets	Supplying, Installation, Testing and Commissioning of electric driven Main Fire Pump (Hydrant & Sprinkler) suitable for automatic operation and consisting of following: complete in all respect as required.	NA	7,38,497.50	Rupees Seven lakhs Thirty Eight Thousand Four Hundred Ninety Seven and Paise Fifty Only	Each Set	14,76,995.00
			a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm at highest and farthest outlet at specified flow of 2850 LPM and 105 meters head conforming to IS 1520	NA				-
			b) 120 HP (90KW) SQ cage induction motor,TEFC, synchronous speed 1470 RPM, suitable for operation on 415 volts, 3 phase 50 Hz.AC with IP 55 protection for enclosure, horizontal foot mounted type with Class F insulation,conforming to IS-325.	NA				-
			c) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required.	NA				-
			d) Suitable CC foundation of 1:2:4 ratio (1 Cement: 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) duly plastered and with anti vibration pads.	NA				-
111	1.00	One Set	Supplying, installation, Testing and commissioning of Electric engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	NA	2,05,003.60	Rupees Two Lakhs Five Thousand Three and Paise Sixty Only	Each Set	2,05,003.60
			a) End suction back pull out centrifugal pump, Std fitted with Bronze impeller & gland packing, capacity 97 Cum/hr (1620 LPM) at total head 56 mwc at operating speed 2900 rpm. Pump duty as per TAC.	NA				-
			b) 30 KW / 40 HP , 3000 srpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.	NA				-
			c) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required.	NA				-

			d) Suitable cement concrete foundation duly plastered with anti vibration pads	NA				-
112	2.00	Two Sets	Supplying, Installation, Testing and Commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required.	NA	8,84,500.00	Rupees Eight lakhs Eighty Four Thousand Five Hundred Only	Each Set	17,69,000.00
			a) Horizontal type, centrifugal, End suction back pull out pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm.at highest and farthest outlet at specified flow of 2850 lpm at 105m.head conforming to IS:1520.	NA				-
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.	NA				-
			c) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required	NA				-
			d) Suitable cement concrete foundation duly plastered with anti vibration pads	NA				-
113	2.00	Two Sets	Supplying, Installation, Testing and Commissioning of electric driven Jockey Fire Pump suitable for automatic operation and consisting of following: complete in all respect as required.	NA	1,42,018.75	Rupees One lakhs Forty Two Thousand Eighteen and Paise Seventy Five Only	Each Set	2,84,037.50
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 180 lpm at 105 Mtr head conforming to IS 1520	NA				-
			b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415 Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325.	NA				-
			c) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required.	NA				-
			d) Suitable cement concrete foundation duly plastered with anti vibration pads.	NA				-
114			Control Panel for Fire pumps.	NA				-

A	1.00	One Set	Fabrication, Supplying, Installation, Testing & Commissioning of electrical control panel, of cubical construction, floor mounted type, fabricated out of 2mm thick CRCA sheet, compartmentalised with hinged lockable doors, dust and vermin proof, powder coated of approved shade after 7 tank treatment process, cable alley, inter-connection, having switchgears and accessories mounting and internal wiring, earth terminals, numbering etc. complete in all respects, suitable for operation on 415 V, 3 phase, 50 HZ. AC supply with enclosure protection class IP 42 as required. Provision shall be made for providing potential free contacts to all pumps starters for connection to FACP and BMS for monitoring the status.	NA	6,32,500.00	Rupees Six lakhs Thirty Two Thousand Five Hundred Only	Each Set	6,32,500.00
			(i) INCOMER	NA				-
			(a) 2x400 Amps. 400A, 50kA 4 Pole MCCB, Ics=100% Icu rating. (b) Digital Voltmeter 0-500V with selector switch. (c) Ammeter (0- 400Amps.) with selector switch & CT's etc. (d) LED type RYB phase indicating lamps, ON, OFF, trip (e) Indication lamps. (f) Set of AJ.bus bar Amps	NA				-
			Note: All outgoing feeders for pumps should have digital Ammeter with selector switches, and LED type ON, OFF, trip indicating lamps.	NA				-
			(ii) OUTGOING.	NA				-
			(a) Hydrant pump. 200 A , 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 120 hp pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.	NA				-
			(b) Sprinkler pump. 200 A , 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 120 hp pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.	NA				-

			<p>(c) Water curtain pump. 100 Amps 4 Pole MCCB, 25 KA Thermal Magnetic type with operating handle mechanism and necessary accessories with 40 HP fully automatic VFD (Variable frequency driver) with bypass starter, over load protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFFoperation.</p>	NA			-
			<p>(d) Jockey pump (Hydrant) 32 A, 50kA TPN MCCB, Ics=100% Icu, with suitable HP fully automatic DOL starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.</p>	NA			-
			<p>(e) Jockey pump (Sprinkler) 32 A, 50kA TPN MCCB, Ics=100% Icu, with suitable HP fully automatic DOL starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.</p>	NA			-
			<p>(f) Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indication Water Temp and Engine on indication. Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0- 20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller.</p>	NA			-

115			Supplying, laying, testing & commissioning of Fire Survival, Low Smoke Zero Halon (LSZH), XLPE insulated, PVC outer sheath, steel armoured, Aluminium conductor, 1100 v grade power cables with glands etc as per specification confirming to IS:7098 (Part - I)./1554-I. The cables shall be laid in tray / Hume pipe / in trenches/on walls/ floor etc. as required. For cables laid out door the rate shall include earth excavation providing brick and sand protection, refilling and compacting the earth.The rate shall excludes tray & Hume pipes.The quoted rate shall includes the end termination for 1.1 KV cables with double compression type cable gland and heavy duty tinned copper cable sockets as per the relevant IS standards. Rate shall be inclusive of all sundry materials like adhesive tape , PVC sleeves , bolts and nuts, washers etc. including plugging unused holes. Makes : As per list of recommended	NA					-
a	40.00	Forty Running meters	a) 3.5 core x 150 sqmm aluminium conductor cable for Electrical motor Driven hydrant pump.	NA	2,571.36	Rupees Two Thousand Five Hundred Seventy One and Paise Thirty Six Only	One Running meter		1,02,854.40
b	20.00	Twenty Running meters	b) 3.5 core x 35 sqmm aluminium conductor cable for Electrical motor Driven hydrant pump.	NA	866.57	Rupees Eight Hundred Sixty Six and Paise Fifty Seven Only	One Running meter		17,331.40
c	40.00	Forty Running meters	c) 4 core x 16 sqmm aluminium conductor cable for Jockey Pump	NA	606.27	Rupees Six Hundred Six and Paise Twenty Seven Only	One Running meter		24,250.80

116			Supplying, laying, testing & commissioning of Fire Survival, Low Smoke Zero Halon (LSZH), XLPE/PVC insulated & PVC sheathed unarmoured control cables, copper conductor, 1100 v grade power cables with glands etc as per specification confirming to IS:7098 (Part - I). The cables shall be laid in tray / Hume pipe / in trenches/on walls/ floor etc. as required. For cables laid out door the rate shall include earth excavation providing brick and sand protection, refilling and compacting the earth.The rate shall excludes tray & Hume pipes.The quoted rate shall includes the end termination for 1.1 KV cables with double compression type cable gland and heavy duty tinned copper cable sockets as per the relevant IS standards. Rate shall be inclusive of all sundry materials like adhesive tape , PVC sleeves , bolts and nuts, washers etc. including plugging unused holes. Makes : As per list of recommended	NA					-
a	40.00	Forty Running meters	12 core x 1.5 sqmm copper conductor cable for Diesel Engine pump	NA	685.21	Rupees Six Hundred Eighty Five and Paise Twenty One Only	One Running meter		27,408.40
b	80.00	Eighty Running meters	2 core x 1.5 sqmm copper conductor cable for pressure switch	NA	352.90	Rupees Three Hundred Fifty Two and Paise Ninety Only	One Running meter		28,232.00
117			CABLE TRAY	NA					-
			Supply,transporatation & installation of following sizes of Hot Dipped Galvanized Iron perforated cable trays without cover, including horizontal and vertical bends, reducers tees,cross members and other accessories as required and duly suspended from the ceiling/Wall with suspenders etc., complete	NA					-
a	60.00	Sixty Running meters	150 mm. (width) X 50 mm. (Depth) x 1.6 mm (thickness)	NA	446.66	Rupees Four Hundred Forty Six and Paise Sixty Six Only	One Running meter		26,799.60
b	50.00	Fifty Running meters	300 mm. (Width) X 50 mm. (Depth) x 1.6 mm (thickness)	NA	823.03	Rupees Eight Hundred Twenty Three and Paise Three Only	One Running meter		41,151.50

118	90.00	Ninety Running meters	G.I. Earthing strips of 50 mm x 6 mm thick, strip shall be run on floor / ceiling / walls, from the equipment to the nearest Earth pit with necessary accessories as required. (Erath pit shall be executed by other agencies).	NA	458.00	Rupees Four Hundred Fifty Eight Only	One Running meter	41,220.00
119			Providing , laying, testing & Commissioning of following sizes of C class MS pipes heavy grade conforming to IS 3589 and 1239 including fittings like elbows, tees, flanges, tapers, nuts, bolts, gaskets etc., complete. The fittings shall be butt weld type for 65 NB and above & socket weld type for 50 NB and below. Makes : As per list of recommended brands.	NA				-
a	12.00	Twelve Running meters	250 mm nominal dia	NA	5,476.66	Rupees Five Thousand Four Hundred Seventy Six and Paise Sixty Six Only	One Running meter	65,719.92
b	24.00	Twenty Four Running meters	200 mm nominal dia	NA	4,751.13	Rupees Four Thousand Seven Hundred Fifty One and Paise Thirteen Only	One Running meter	1,14,027.12
c	2232.00	Two Thousand Two Hundred Thirty Two Running meters	150 mm nominal dia	NA	3,624.28	Rupees Three Thousand Six Hundred Twenty Four and Paise Twenty Eight Only	One Running meter	80,89,392.96
d	1656.00	One Thousand Six Hundred Fifty Six Running meters	100 mm nominal dia	NA	2,254.83	Rupees Two Thousand Two Hundred Fifty Four and Paise Eighty Three Only	One Running meter	37,33,998.48
e	1104.00	One Thousand One Hundred Four Running meters	80 mm nominal dia	NA	1,497.55	Rupees One Thousand Four Hundred Ninety Seven and Paise Fifty Five Only	One Running meter	16,53,295.20

f	2154.00	Two Thousand One Hundred Fifty Four Running meters	65 mm nominal dia	NA	1,127.98	Rupees One Thousand One Hundred Twenty Seven and Paise Ninety Eight Only	One Running meter	24,29,668.92
g	1950.00	One Thousand Nine Hundred Fifty Running meters	50 mm nominal dia	NA	902.39	Rupees Nine Hundred Two and Paise Thirty Nine Only	One Running meter	17,59,660.50
h	2700.00	Two Thousand Seven Hundred Running meters	40 mm nominal dia	NA	765.21	Rupees Seven Hundred Sixty Five and Paise Twenty One Only	One Running meter	20,66,067.00
i	1914.00	One Thousand Nine Hundred Fourteen Running meters	32 mm nominal dia	NA	604.24	Rupees Six Hundred Four and Paise Twenty Four Only	One Running meter	11,56,515.36
j	8946.00	Eight Thousand Nine Hundred Forty Six Running meters	25 mm nominal dia	NA	451.19	Rupees Four Hundred Fifty One and Paise Nineteen Only	One Running meter	40,36,345.74
120			Painting the pipes with synthetic enamel paint grade-I in two coats of approved make and colour over a primary coat with red oxide metal primer or zinc chromate primer (total three coats) including cost and conveyance of all materials	NA				-
a	620.00	Six Hundred Twenty litre	Synthetic Enamel paint 1st quality	NA	306.09	Rupees Three Hundred Six and Paise Nine Only	One Litre	1,89,775.80
b	1240.00	One Thousand Two Hundred Forty litre	Zinc chromate red oxide primer paint	NA	226.73	Rupees Two Hundred Twenty Six and Paise Seventy Three Only	One Litre	2,81,145.20

121			Providing, installation, testing and commissioning of dual Plate Non - return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required.	NA				-
a	2.00	Two Numbers	200 mm nominal dia	NA	13,577.73	Rupees Thirteen Thousand Five Hundred Seventy Seven and Paise Seventy Three Only	Each	27,155.46
b	7.00	Seven Numbers	150 mm nominal dia	NA	9,740.32	Rupees Nine Thousand Seven Hundred Forty and Paise Thirty Two Only	Each	68,182.24
c	5.00	Five Numbers	100 mm nominal dia	NA	5,164.91	Rupees Five Thousand One Hundred Sixty Four and Paise Ninety One Only	Each	25,824.55
d	2.00	Two Numbers	80 mm nominal dia	NA	5,017.53	Rupees Five Thousand Seventeen and Paise Fifty Three Only	Each	10,035.06
122			Supply, installation, testing and commissioning of stainless steel Y – Strainer fabricated outof 1.6 mm thick SS 304 with following sizes confirming to IS specifications complete with rubber gasket, GI bolts ,nuts, washers etc as required. complete.	NA				-
a	4.00	Four Numbers	200mm dia.	NA	25,088.81	Rupees Twenty Five Thousand Eighty Eight and Paise Eighty One Only	Each	1,00,355.24

	b	1.00	One Numbers	150mm dia.	NA	11,805.83	Rupees Eleven Thousand Eight Hundred Five and Paise Eighty Three Only	Each	11,805.83
	c	4.00	Four Numbers	100mm dia.	NA	6,346.17	Rupees Six Thousand Three Hundred Forty Six and Paise Seventeen Only	Each	25,384.68
	123			Supplying, Installing, testing and commissioning of Cast Iron (C.I) body, flanged Sluice valve as per IS:14846, PN 16 Rating, for suction and delivery side of the pumps and rising spindle (os&y) type with flanges, galvanized bolts & nuts, washers, gaskets etc.	NA				-
	a	2.00	Two Numbers	250 mm nominal dia	NA	54,383.50	Rupees Fifty Four Thousand Three Hundred Eighty Three and Paise Fifty Only	Each	1,08,767.00
	b	6.00	Six Numbers	200 mm nominal dia	NA	33,383.00	Rupees Thirty Three Thousand Three Hundred Eighty Three Only	Each	2,00,298.00
	c	6.00	Six Numbers	150 mm nominal dia	NA	21,483.00	Rupees Twenty One Thousand Four Hundred Eighty Three Only	Each	1,28,898.00
	d	2.00	Two Numbers	100 mm nominal dia.	NA	17,088.00	Rupees Seventeen Thousand Eighty Eight Only	Each	34,176.00

e	2.00	Two Numbers	80 mm nominal dia	NA	11,352.00	Rupees Eleven Thousand Three Hundred Fifty Two Only	Each	22,704.00
124			Manufacture, Supply and delivery of CI Wafer Lug type Butterfly Valves conforming to IS 13095/1991 (Reaffirmed 1998) excluding transportation, CED and taxes etc., complete. Operation done with worm actuator ISI marked Rate at Ex-Factory complete. Makes : As per list of recommended brands.	NA				-
a	42.00	Forty Two Numbers	150 mm nominal dia.	NA	10,330.95	Rupees Ten Thousand Three Hundred Thirty and Paise Ninety Five Only	Each	4,33,899.90
b	48.00	Forty Eight Numbers	100 mm nominal dia.	NA	6,935.67	Rupees Six Thousand Nine Hundred Thirty Five and Paise Sixty Seven Only	Each	3,32,912.19
c	2.00	Two Numbers	65 mm nominal dia	NA	3,626.50	Rupees Three Thousand Six Hundred Twenty Six and Paise Fifty Only	Each	7,253.00
d	2.00	Two Numbers	50 mm nominal dia	NA	4,132.15	Rupees Four Thousand One Hundred Thirty Two and Paise Fifteen Only	Each	8,264.30
125			Supplying, installing, testing and commissioning of SS Bellow type flexible coupling on suction and delivery side of each Fire pump complete with all accessories.	NA				-
a	4.00	Four Numbers	200 mm nominal dia	NA	9,597.50	Rupees Nine Thousand Five Hundred Ninety Seven and Paise Fifty Only	Each	38,390.00

b	6.00	Six Numbers	150 mm nominal dia	NA	8,518.85	Rupees Eight Thousand Five Hundred Eighteen and Paise Eighty Five Only	Each	51,113.10
c	2.00	Two Numbers	100 mm nominal dia	NA	6,982.80	Rupees Six Thousand Nine Hundred Eighty Two and Paise Eighty Only	Each	13,965.60
d	2.00	Two Numbers	80 mm nominal dia	NA	6,246.80	Rupees Six Thousand Two Hundred Forty Six and Paise Eighty Only	Each	12,493.60
126	13.00	Thirteen Numbers	Supply, installation, testing and commissioning of 25 mm dia Ball valve Makes : As per list of recommended brands.	NA	855.91	Rupees Eight Hundred Fifty Five and Paise Ninety One Only	Each	11,126.83
127	7.00	Seven Sets	Providing and fixing of Pressure Switch in the MS pipe Line including connection etc as required.(Standard type for main pump & Differential type for Jockey Pump)	NA	3,227.50	Rupees Three Thousand Two Hundred Twenty Seven and Paise Fifty Only	Each Set	22,592.50
128	16.00	Sixteen Sets	Supply, installation, testing and commissioning of Bourden type, stainless steel dial type pressure gauge with isolation valve and pipe having calibration of 0-16 kg/cm2. etc.	NA	860.44	Rupees Eight Hundred Sixty and Paise Forty Four Only	Each Set	13,767.04
129	2.00	Two Numbers	Supply and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25mm dia Gun metal wheel valve, with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	NA	22,073.30	Rupees Twenty Two Thousand Seventy Three and Paise Thirty Only	Each	44,146.60
130	40.00	Forty Running meters	Exhaust pipe for Diesel engine of 100 mm dia M.S. Medium grade with mineral wool insulation with aluminum sheet. The quoted rate shall include 100 mm diameter GI pipe medium grade conforming to IS 1239 Part-1 and mineral wool insulation with aluminum sheeting and Pipe supports also.	NA	3,071.16	Rupees Three Thousand Seventy One and Paise Sixteen Only	One Running meter	1,22,846.40

131	8650.00	Eight Thousand Six Hundred Fifty Kilo grams	Supply, fabricating , installing structural steel supports for fixing all sizes of MS pipes from ceiling / wall with MS Channels, Angles, Flats, Rods, as required at site with anchor fasteners, Clamps, threaded rods, nuts, bolts,washers etc complete with painting.	NA	92.96	Rupees Ninety Two and Paise Ninety Six Only	One Kilo gram	8,04,104.00
132	2.00	Two Numbers	Providing and fixing of gun metal fire Brigade Suction Hose coupling (Draw-out Connection) with nut for female coupling as per IS:902- 1974 complete with 100 mm dia. G.I. Suction pipe and 100 mm dia. 1No. C.I. Foot valve flanged (to be connected to static water tank). Makes : As per list of recommended brands.	NA	8,903.69	Rupees Eight Thousand Nine Hundred Three and Paise Sixty Nine Only	Each	17,807.38
133			Supplying, installing, testing and commissioning of CI body Foot Valve with brass strainer with necessary flanges, nuts and bolts etc., complete on to the suction line. Makes : As per list of recommended brands.	NA				-
a	2.00	Two Numbers	100 mm nominal dia	NA	9,887.70	Rupees Nine Thousand Eight Hundred Eighty Seven and Paise Seventy Only	Each	19,775.40
134			Supply,Installation,testing and commissioning of stainless steel puddle flange fabricated out of 1.6mm thick SS 304 conforming to IS specifications including nuts, bolts and rubber insertions etc. Makes : As per list of recommended brands	NA				-
a	2.00	Two Numbers	250 mm nominal dia	NA	12,365.00	Rupees Twelve Thousand Three Hundred Sixty Five Only	Each	24,730.00
b	1.00	One Numbers	100 mm nominal dia	NA	7,232.69	Rupees Seven Thousand Two Hundred Thirty Two and Paise Sixty Nine Only	Each	7,232.69
135			Supplying and wrapping the anticorrosive material for buried pipes with coating of Primer and wrapping with 4 mm thick polymer corrosion resistant tape as per IS : 10221 with 15 mm overlap as per specificatios. Makes : As per list of recommended brands.	NA				-
a	47.00	Forty Seven Running meters	150 mm nominal dia	NA	443.26	Rupees Four Hundred Forty Three and Paise Twenty Six Only	One Running meter	20,833.22

136			Supplying, erecting and commissioning of Internal Landing Valves comprising of the following in the dedicated fire shaft from basement to terrace floor	NA					-
i.	129.00	One Hundred Twenty Nine Numbers	Supplying and fixing single headed Internal / External hydrant valve with instantaneous Gun metal/Stainless steel couplings of 63m m dia with Cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gun Metal cap and chain as required. Makes : As per list of recommended brands.	NA	10,773.08	Rupees Ten Thousand Seven Hundred Seventy Three and Paise Eight Only	Each		13,89,727.32
ii	258.00	Two Hundred Fifty Eight Numbers	Supplying and fixing 63 mm dia, 15 mtr long RRL hose pipe with 63 mm dia Male and Female Gun metal couplings duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Makes : As per list of recommended brands.	NA	8,309.65	Rupees Eight Thousand Three Hundred Nine and Paise Sixty Five Only	Each		21,43,889.70
iii	129.00	One Hundred Twenty Nine Numbers	Supply and fixing 63 mm dia Gun metal branch pipe with 20 mm (Nominal internal diameter) size Gun metal / SS nozzle conforming to IS 903, suitable for instantaneous connection to interconnect hose pipe coupling as required. Makes : As per list of recommended brands.	NA	3,246.77	Rupees Three Thousand Two Hundred Forty Six and Paise Seventy Seven Only	Each		4,18,833.33
iv	114.00	One Hundred Fourteen Numbers	Supplying and fixing First -Aid Hose Reel with MS construction spray painted in Post office Red, Conforming to Is 884 with upto date amendments, complete with the following as required. Makes : As per list of recommended brands.	NA	9,887.70	Rupees Nine Thousand Eight Hundred Eighty Seven and Paise Seventy Only	Each		11,27,197.80
			a) 36.6 Mtr Long 20mm (Nominal internal) dia water hose Thermoplastic / Textile reinforced / Rubber braided / Polypropylene Type - 2 as per IS:12585	NA					-
			b) 20mm (Nominal internal) dia gun metal ball/gate valve and nozzle.	NA					-
			c) Drum and brackets for fixing the equipments on wall.	NA					-
			d) Connections from riser with 25mm dia stop valve (gun metal) & MS pipe.	NA					-
v	114.00	One Hundred Fourteen Numbers	Fire duct Shutter fabricated out of M.S. sheet and frame, door shall be 900 mm x 1200 mm min. & fixed with 4 mm thick Glass, suitable Rubber beading and Locking arrangement. Quoted rate shall be includes all fasteners etc, and complete shutter shall be powder coated finish of red colour both inside and out side.	NA	10,550.00	Rupees Ten Thousand Five Hundred Fifty Only	Each		12,02,700.00

vi	21.00	Twenty One Numbers	Supplying and fixing of hose cabinet of size 750 mm X 600 mm x 250 mm made of No 16 gauge SWG CRCA sheet with 6 mm thick glazed glass door including necessary locking arrangement suitable to accommodate 2 Nos 15 mtr long Hose pipe, 1 No branch pipe, mounted on wall OR raised brick platform and duly painted with Post office red externally and white internally with synthetic enamel paint complete in all respect, for external hydrant as required. Makes : As per list of recommended brands.	NA	4,280.00	Rupees Four Thousand Two Hundred Eighty Only	Each	89,880.00
137	2.00	Two Numbers	Supply and fixing 4 way fire brigade connection of cast iron body with 4 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 150 mm dia MS pipe connection, conforming to IS 904 as required. Makes : As per list of recommended brands.	NA	11,805.83	Rupees Eleven Thousand Eight Hundred Five and Paise Eighty Three Only	Each	23,611.66
138	12.00	Twelve Numbers	Supply, installation, testing and commissioning of 25 / 20mm dia Air Release Valve Makes : As per list of recommended brands.	NA	1,623.39	Rupees One Thousand Six Hundred Twenty Three and Paise Thirty Nine Only	Each	19,480.68
139	129.00	One Hundred Twenty Nine Numbers	Supplying and fixing orifice plate made out of 6 mm thick stainless steel (Grade 304) with orifice of required size to be fitted between flange & landing valve of external and internal hydrants to reduce pressure at the outlet to the level of 3.5 kg/cm ² complete as required. Makes : As per list of recommended brands.	NA	1,231.14	Rupees One Thousand Two Hundred Thirty One and Paise Fourteen Only	Each	1,58,817.06
140			Providing, fixing, testing & commissioning of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm when the wet riser/sprinkler system activates, pressure gauges, emergency releases, strainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of following sizes as required : Makes : As per list of recommended brands.	NA				-
a	4.00	Four Numbers	150 mm dia.	NA	59,031.42	Rupees Fifty Nine Thousand Thirty One and Paise Forty Two Only	Each	2,36,125.68

141	6010.00	Six Thousand Ten Numbers	Providing fixing, testing and commissioning of 15 mm size quartzoid bulb type sprinklers of rating 68° C. pendent / side wall with required accessories. Makes : As per list of recommended brands.	NA	631.44	Rupees Six Hundred Thirty One and Paise Forty Four Only	Each	37,94,954.40
142			Supplying, installing, testing and commissioning standard Sprinkler head, quartzoid bulb type with 15mm screwed end connection of 93 deg. C. temperature rating, standard & Quick response type K 80 and orifice shall not be less than 6.0 mm. Sprinklers shall be UL Listed / FM approved with Chrome finished. (Kitchen area)	NA				-
a	8.00	Eight Numbers	Pendant sprinkler	NA	695.00	Rupees Six Hundred Ninety Five Only	Each	5,560.00
143			Providing and fixing Flow Switches in MS pipes of following sizes. Makes : As per list of recommended brands.	NA				-
a	20.00	Twenty Numbers	150 mm nominal dia	NA	9,608.82	Rupees Nine Thousand Six Hundred Eight and Paise Eighty Two Only	Each	1,92,176.40
b	24.00	Twenty Four Numbers	100 mm nominal dia	NA	6,883.52	Rupees Six Thousand Eight Hundred Eighty Three and Paise Fifty Two Only	Each	1,65,204.48
144			Supplying, installing, testing and commissioning of forged brass Ball valves confirming to IS 554 with hand lever of screwed end type.	NA				-
	44.00	Forty Four Numbers	50 mm dia for drain	NA	3,230.00	Rupees Three Thousand Two Hundred Thirty Only	Each	1,42,120.00
145	1723.00	One Thousand Seven Hundred Twenty Three Numbers	Supply, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25 mm NPT male thread to sprinkler head (Outlet) 15 mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stockbar of following sizes complete as required. Makes : As per list of recommended brands.	NA	1,793.43	Rupees One Thousand Seven Hundred Ninety Three and Paise Forty Three Only	Each	30,90,079.89

146			Supply & fixing of approved type rosette plates (Recessed type, in two piece) for Sprinklers below false ceiling area.	NA					-
a	3963.00	Three Thousand Nine Hundred Sixty Three Numbers	Providing, installation, testing & commissioning of adjustable rosette plate for 15 mm dia in white finish as per specifications complete as required.	NA	193.85	Rupees One Hundred Ninety Three and Paise Eighty Five Only	Each		7,68,227.55
147			Supplying, installing, testing and commissioning of Galvanized steel (G.I) Pipes confirming to IS 1239 Pt - I Heavy grade (Class-C), ERW, above ground pipe with suitable type of supports (anchor fasteners, bolts, nuts, clamps, "U" bolt, malleable specials such as Reducers, Tees, elbows, flanges. Including cutting, Welding, fixing in / on walls, ceiling by using suitable supports etc, . The quoted rate shall also include for chasing / chipping walls, making bore holes in walls wherever required and making them good with filler material. The exposed pipes shall be protected by one coat of red oxide primer or zinc chromate primer and two coats of synthetic enamel paint of fire red in color shade 536 as per IS 5. The fittings shall be butt weld type for 65 NB and above & socket weld type for 50 NB and below.	NA					-
a	220.00	Two Hundred Twenty Running meters	150 mm nominal dia (header & riser)	NA	3,297.50	Rupees Three Thousand Two Hundred Ninety Seven and Paise Fifty Only	One Running meter		7,25,450.00
b	346.00	Three Hundred Forty Six Running meters	100 mm nominal dia	NA	2,421.80	Rupees Two Thousand Four Hundred Twenty One and Paise Eighty Only	One Running meter		8,37,942.80
148			Supplying, installing, testing and commissioning of M.S Pipes confirming to IS 1239 Pt - I Heavy grade (Class-C), ERW, Under ground pipe with suitable type of supports (anchor fasteners, bolts, nuts, clamps, "U" bolt, malleable specials such as Reducers, Tees, elbows, flanges. Including cutting, Welding, fixing in / on walls, ceiling by using suitable supports etc,. The quoted rate shall also include for chasing / chipping walls, making bore holes in walls wherever required and making them good with filler material. The fittings shall be butt weld type for 65 NB and above & socket weld type for 50 NB and below.	NA					-

a	24.00	Twenty Four Running meters	150 mm nominal dia	NA	3,597.00	Rupees Three Thousand Five Hundred Ninety Seven Only	One Running meter	86,328.00
149			Supplying, installation, testing & commissioning of deluge valve (to be used for water curtains) UL listed with wet pilot basic trim assembly for DVA with test and alarm, drip and drain valve with water motor gong complete as required.	NA				-
a	3.00	Three Numbers	100 mm dia.	NA	93,834.00	Rupees Ninety Three Thousand Eight Hundred Thirty Four Only	Each	2,81,502.00
150	104.00	One Hundred Four numbers	Providing, installation, testing & commissioning of water curtain nozzle 15mm dia nickel chrome plated brass, BSPT, K-factor as per design consideration complete as required. Makes : As per list of recommended brands.	NA	630.31	Rupees Six Hundred Thirty and Paise Thirty One Only	Each	65,552.24
151			Supplying, installing and commissioning Portable Fire extinguishers of following type & capacity.	NA				-
a	227.00	Two Hundred Twenty Seven numbers	Supply and fixing of ISI mark (IS:15683) Mono ammonium phosphate powder 90 (MAP) 6 Kg Fire extinguisher, stored pressure type, pressure gauge, gross wt. 9.4 kg, empty wt.3.4 kg, Discharge time minimum 13 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fire, A rating -4 A, B rating -34 B, can construction: Deep drawn and Co2 mig welding, Valve construction: Forging & Machining, internal coating of can: Epoxy powder coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.60 mm, Helium leak detection tested with 5 years warranty Including transportation, all taxes and all labour charges etc complete. Makes : As per list of recommended brands as category I.	NA	11,863.65	Rupees Eleven Thousand Eight Hundred Sixty Three and Paise Sixty Five Only	Each	26,93,048.55

b	20.00	Twenty numbers	Supply and fixing of Co2 type Fire Extinguishers 4.5 Kg capacity confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warrantyIncluding transportation, all taxes and all labour charges etc complete. Makes : As per list of recommended brands as category I.	NA	16,244.07	Rupees Sixteen Thousand Two Hundred Forty Four and Paise Seven Only	Each	3,24,881.40
c	3.00	Three numbers	Mechanical Foam type fire extinguisher 9Lts. Capacity, with initial filling in brand new cylinder with powder coated finish, fitted with Gun metal union, high pressure CO2 gas cartridge, hose and ABS type branch pipe and wall mounting bracket etc. complete, confirming to IS: 15683:2008. The cylinder must carry ISI mark.	NA	4,530.02	Rupees Four Thousand Five Hundred Thirty and Paise Two Only	Each	13,590.06
d	64.00	Sixty Four Sets	Supply and fixing of 4Nos of 9 Ltrs capacity round bottom sand buckets along with bucket sand, Fire buckets with round bottom type enamel painted, white inside & red out side and letter FIRE inblack out side &Handle with mounting bracket.	NA	1,720.88	Rupees One Thousand Seven Hundred Twenty and Paise Eighty Eight Only	Each Set	1,10,136.32
e	32.00	Thirty Two Sets	Supply and fixing of Fire bucket stand fabricated by M.S. angles to install for Four numbers of buckets as per local fire officers standards.	NA	2,151.67	Rupees Two Thousand One Hundred Fifty One and Paise Sixty Seven Only	Each Set	68,853.44

152			Supply, install, test and commissioning of addressable peer to peer Networkable analogue addressable type fire alarm control panel with minimum 1500 Character / 240X64 Pixel / 7inch Touchscreen graphic LCD display. The panel should be equipped with sufficient numbers of loop with 20% spare capacity, with each networkable intelligent fire alarm Control Panel having SLC with capacity of min 250 detectors/ devices in any combination (Min 120 Detector) with key pad, dual flash-based microprocessor technology, inbuilt USB Port for upload and down load the configuration tools, RS232 serial port for direct PC or modem connection, inbuilt NAC's, min 20 programmable Zonal LEDs and operates on 240V AC + 10% with 50 Hz with built in charger. The panel shall have fire, fault relays, option of BMS integration MODBUS/ BACKNET, graphical software for provision of TCP/ IP modules, Remote Access, Class 'X' wiring with provision of both class 'A' and class 'B' wiring in the SLC circuit, user friendly with communication facility to monitor & control the FACPs from a single window.	NA					-
			The panel shall be suitable for minimum of 5000 event record facility, event fetch from FACP facility and the single panel shall be suitable for min 2000 fire zones and 200 Panels/ Nodes in one network with all other accessories required to successfully run the system. The panel shall be completed as per UL and FM/EN54 & VDS standards (The System cost shall be included of all necessary cards, modules, Panel enclosure, CPU and associated accessories to complete the system design). Makes : As per list of recommended brands as category I.	NA					-
a	3.00	Three numbers	2 Loop capacity	NA	2,83,813.45	Rupees Two lakhs Eighty Three Thousand Eight Hundred Thirteen and Paise Forty Five Only	Each	8,51,440.35	
153	1.00	One numbers	Supply, Installation , Testing & Commissioning of Network Active Repeater Panel with 1500 Character / 240 X 64 Pixel / 7 inch Touchscreen. The LCD shall Display all events / detectors, devices status of complete systems in the networked. Makes : As per list of recommended brands as category I.	NA	1,50,577.06	Rupees One lakhs Fifty Thousand Five Hundred Seventy Seven and Paise Six Only	Each	1,50,577.06	

154	127.00	One Hundred Twenty Seven numbers	Supply, Installation, Testing & Commissioning of Dust and Vermin proof (Resettable) addressable analogue Manual call boxes along with Isolators inbuilt having front reset mechanism with 170° viewable LED and can be viewed from the distance of 7 M. also have inbuilt isolator having operating temperature from - 40°C-70°C to initiate audio visual alarm in case of Human detection of fire. The manual call point must be indoor type with IP 44 rating.The call point must be ressetable type without breakglass. Makes : As per list of recommended brands as category I.	NA	6,453.87	Rupees Six Thousand Four Hundred Fifty Three and Paise Eighty Seven Only	Each	8,19,641.49
155	127.00	One Hundred Twenty Seven numbers	Supply, Installation, Testing & Commissioning of Analogue Addressable loop powered Sounder & Beacon with inbuilt isolator and having Min 15 distinct sound patterns/ multitone to indicate Exit doors and direct occupants for safe and fast evacuation and 100dB output with minimum 1Hz Frequency flash rate designed for IP65 requirements and approved to operate in -10°C to +55°C temperature, complies with the essential requirement of the EMC Directive to be supplied with Junction Box, Glands and other mounting accessories for proper installation. Makes : As per list of recommended brands as category I.	NA	6,579.71	Rupees Six Thousand Five Hundred Seventy Nine and Paise Seventy One Only	Each	8,35,623.17
156	754.00	Seven Hundred Fifty Four numbers	Supply, installation, testing & commissioning of Optical smoke detector with LED with standard base having capacity of min 126 address combination. Operating temperature -40°C to 70°C & Humidity 0-95%. The detector should have polling 360 degree viewable LED with 5 class approved response modes all approved with the relevant standards , drift compensation and transient rejection. The detector shall have facility to mount in different comprehensive environment like Hostile environment, Precious storage, Ware house and normal working environments. The detector should have self locking mechanism and requires special tool to remove this detectors. The detector should have hard address inside the base. The detector must have non volatile memory to write the installation date & site codes.The detector should be mad up of fire retardant material & should be melt above 100 degree C. The detectors must be openable for the cleaning of dust whenever required with base, junction box and other accessories (True / below false ceiling) Makes : As per list of recommended brands as category I.	NA	5,449.46	Rupees Five Thousand Four Hundred Forty Nine and Paise Forty Six Only	Each	41,08,892.84

157	12.00	Twelve numbers	Supply, installation, testing & commissioning of Analogue Addressable Heat detector and LED with standard base having capacity of min 126 address combination. Storage temperature - 40°C to 80°C & Humidity 0-95%.The detector shall have facility to mount in different comprehensive environment like Hostile environment, Precious storage, Ware house and normal working environments. The heat detector must trigger the alarm as per the A1R/A2R/A2S/CR/CS requirement.The detector should have self locking mechanism and requires special tool to remove this detectors.The detector must have non volatile memory to write the installation date & site codes. with base, junction box and other accessories. Makes : As per list of recommended brands as category I.	NA	5,880.24	Rupees Five Thousand Eight Hundred Eighty and Paise Twenty Four Only	Each	70,562.88
158	371.00	Three Hundred Seventy One numbers	Supply & Fixing of Response indicator for all detectors located above false ceiling for visual identificaion of detector	NA	145.00	Rupees One Hundred Forty Five Only	Each	53,795.00
159	50.00	Fifty numbers	Supply, Installation, Testing & Commissioning of Loop isolation module which consists of LED. This LED shall be mounted with in a round polycarbonate encloser. Isolator Base for Isolators. Makes : As per list of recommended brands as category I.	NA	5,449.46	Rupees Five Thousand Four Hundred Forty Nine and Paise Forty Six Only	Each	2,72,473.00
160	123.00	One Hundred Twenty Three numbers	Supply, install, test and commissioning of Analogue addressable Control (Input/Output) module with inbuilt relay and isolator with LED indicator, approved to operate in -10°C to +55°C temperature, complies with theessential requirement of the EMC Directive to be supplied with Junction Box and other mounting accessories for proper installation. In case of Manufacturer with single Input or Output module need to supply One quantity of each for line item. Analogue Addressable Monitor Module (single input module) for integrating Sprinkler flow switch in all floors and status of fire pumps with FACP at ground floor. Makes : As per list of recommended brands as category I.	NA	6,023.08	Rupees Six Thousand Twenty Three and Paise Eight Only	Each	7,40,838.84
161	42000.00	Forty Two Thousand Running meters	Supplying, installing, testing and commissioning of 2C x 1.5 mm ² , armoured, single stand, outer sheathed, FRLS, PVC insulated copper conductor cable confirming to specified IS standards .	NA	166.90	Rupees One Hundred Sixty Six and Paise Ninety Only	One Running meter	70,09,800.00
162	1052.00	One Thousand Fifty Two Running meters	Supply and Fixing of 25 mm dia 2 mm thick PVC pipe (ISI MARK) concealed in wall with all required accessories including masonry work and labour charges etc., complete.	NA	132.64	Rupees One Hundred Thirty Two and Paise Sixty Four Only	One Running meter	1,39,537.28

163	3.00	Three numbers	Supplying, installing, testing and commissioning of power supply unit which provides 24V DC output for connecting all relay control modules and other modules. The power supply unit will be located in fire control room at ground floor and in designated location preferably near to FA/PA shaft in typical floors.	NA	4,877.00	Rupees Four Thousand Eight Hundred Seventy Seven Only	Each	14,631.00
164	3.00	Three numbers	Supply, installation, testing & commissioning of graphic software for programming (mapping) fire detection & alarm system through FACP or remote computers. Software shall be with facility like upload / down load of information's to FACP, graphics compatible to AutoCAD, detectors information with change in address / sensitivity etc as required. System shall meet the requirements as described vide technical specifications.	NA	1,61,825.00	Rupees One lakhs Sixty One Thousand Eight Hundred Twenty Five Only	Each	4,85,475.00
165	2.00	Two numbers	Supplying, installing, testing and commissioning of 4- zone selector P.A. console complete with feather type Switches, mounting racks and All accessories. (From Basement to 1st floor)	NA	1,94,975.00	Rupees One lakhs Ninety Four Thousand Nine Hundred Seventy Five Only	Each	3,89,950.00
166	1.00	One number	Supplying, installing, testing and commissioning of 16- zone selector P.A. console complete with feather type Switches, mounting racks and All accessories. (for Residential area From 2nd floor to 13th floor)	NA	2,95,325.00	Rupees Two lakhs Ninety Five Thousand Three Hundred Twenty Five Only	Each	2,95,325.00
167	4.00	Four numbers	Supplying, installing, testing and commissioning solid state Amplifier of 1000 W RMS out put in rack, including necessary control wires, jacks etc. complete.	NA	1,65,470.00	Rupees One lakhs Sixty Five Thousand Four Hundred Seventy Only	Each	6,61,880.00
168	1.00	One number	Supplying, installing, testing and commissioning solid state Amplifier of 500 W RMS out put in rack, including necessary control wires, jacks etc. complete.	NA	1,29,670.00	Rupees One lakhs Twenty Nine Thousand Six Hundred Seventy Only	Each	1,29,670.00
169	375.00	Three Hundred Seventy Five numbers	Supplying, installing, testing and commissioning of 6 W Ceiling mounted speakers with mounting accessories	NA	1,474.28	Rupees One Thousand Four Hundred Seventy Four and Paise Twenty Eight Only	Each	5,52,855.00

170	13.00	Thirteen numbers	Supplying, installing, testing and commissioning of 6W Wall Mounted box type speakers with mounting accessories	NA	1,725.00	Rupees One Thousand Seven Hundred Twenty Five Only	Each	22,425.00
171	154.00	One Hundred Fifty Four numbers	Supplying, installing, testing and commissioning of 6 W Bi-directional Wall Mounted box type speakers with mounting accessories	NA	2,467.90	Rupees Two Thousand Four Hundred Sixty Seven and Paise Ninety Only	Each	3,80,056.60
172	26.00	Twenty Six numbers	Supplying, installing, testing and commissioning of 12 W Wall Mounted box type speakers with mounting accessories (in parking area)	NA	3,597.20	Rupees Three Thousand Five Hundred Ninety Seven and Paise Twenty Only	Each	93,527.20
173	2.00	Two numbers	Supply, Installation, Testing & Commissioning of 4 Zone call station with Gooseneck Microphone and all accessories.	NA	20,865.60	Rupees Twenty Thousand Eight Hundred Sixty Five and Paise Sixty Only	Each	41,731.20
174	1.00	One numbers	Supply, Installation, Testing & Commissioning of 16 Zone call station with Gooseneck Microphone and all accessories.	NA	40,292.55	Rupees Forty Thousand Two Hundred Ninety Two and Paise Fifty Five Only	Each	40,292.55
175	2.00	Two numbers	Providing & Fixing of duly wired floor mounted equipment rack to accommodate all above mentioned control equipment like console, amplifier, DVD player etc.	NA	60,307.15	Rupees Sixty Thousand Three Hundred Seven and Paise Fifteen Only	Each	1,20,614.30
176	1.00	One number	Supplying, installing, testing and commissioning of Central Console with 4 Zone selector with feather type switches and with talk back facility, microphone, press to talk switch, All talk switch, with microphone, speakers and all necessary accessories. (From Basement to 1st floor)	NA	98,470.00	Rupees Ninety Eight Thousand Four Hundred Seventy Only	Each	98,470.00

177	1.00	One number	Supplying, installing, testing and commissioning of Central Console with 4 Zone selector with feather type switches and with talk back facility, microphone, press to talk switch, All talk switch, with microphone, speakers and all necessary accessories. (for office area From 2nd floor to 4th floor)	NA	98,470.00	Rupees Ninety Eight Thousand Four Hundred Seventy Only	Each	98,470.00
178	1.00	One number	Supplying, installing, testing and commissioning of Central Console with 16 Zone selector with feather type switches and with talk back facility, microphone, press to talk switch, All talk switch, with microphone, speakers and all necessary accessories.(for Residential area From 2nd floor to 13th floor)	NA	1,38,000.00	Rupees One lakhs Thirty Eight Thousand Only	Each	1,38,000.00
179	47.00	Forty Seven numbers	2 - way Speakers wall mounted - 6W with talk back facility along with back box and necessary accessories. For 2 way Speaker shall have inbuilt microphone in the speaker & cable shall run separately for inbuilt microphone & speaker.	NA	3,484.50	Rupees Three Thousand Four Hundred Eighty Four and Paise Fifty Only	Each	1,63,771.50
180	1.00	One number	Supplying, installing, testing and commissioning of solid state Amplifier of 120 W RMS out put in rack, including necessary control wires, jacks etc. complete.	NA	18,560.00	Rupees Eighteen Thousand Five Hundred Sixty Only	Each	18,560.00
181	1.00	One number	Supplying, installing, testing and commissioning of solid state Amplifier of 240 W RMS out put in rack, including necessary control wires, jacks etc. complete.	NA	25,520.00	Rupees Twenty Five Thousand Five Hundred Twenty Only	Each	25,520.00
182	3.00	Three numbers	Providing and Fixing of Gooseneck Microphone with Features : Dynamic Directivity: Cardioid Frequency response : 100Hz±12 kHz Sensitivity: (0dB-1V/micro bar,1000 Hz) -75dB±3dB Output impedance :500 ohm	NA	4,309.40	Rupees Four Thousand Three Hundred Nine and Paise Forty Only	Each	12,928.20
183	3000.00	Three Thousand Running meters	Supplying, installing, testing and commissioning of 4 C x 1.5 mm ² , Un armoured, single stand, outer sheathed, FRLS, PVC insulated copper conductor cable confirming to specified IS standards .	NA	189.65	Rupees One Hundred Eighty Nine and Paise Sixty Five Only	One Running meter	5,68,950.00
184	2000.00	Two Thousand Running meters	Supply & fixing of following sizes of PVC conduit long with accessories in recess/ comcealed on slab including cutting the wall and making good the same in case of recessed conduit as required. Size - 20 mm.	NA	111.00	Rupees One Hundred Eleven Only	One Running meter	2,22,000.00
185	1000.00	One Thousand Running meters	Supply & fixing of following sizes of MS conduit long with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Size - 25 mm. MS conduit for laying cable vertically in fire shaft & horizontally in basement floor . Three cables can be laid in a conduit.	NA	274.53	Rupees Two Hundred Seventy Four and Paise Fifty Three Only	One Running meter	2,74,530.00

186			Providing and installing in position the following type of photoluminescent sign boards made out of 3 mm thick "Opaque" PVC foam board with computer cut. PVC non-reflective self adhesive vinyl painted foam board, complete with mirror fasteners.	NA					-
a	111.00	One Hundred Eleven numbers	Signages with printed " IN CASE OF FIRE, USE STAIRS UNLESS INSTRUCTED OTHERWISE " of 1.5 cm height letters in red with white back ground. The size of the board shall be 25 cm * 30 cm and shall be fixed at the height of 2 mts, from finished floor near Manual Call Points.	NA	907.12	Rupees Nine Hundred Seven and Paise Twelve Only	Each		1,00,690.32
b	111.00	One Hundred Eleven numbers	Floor identification signage (i.e, GROUND FLOOR... ETC.,) at each stair enclosure on every floor, indicating the floor number in words, lettering size shall be 7.5 cm with contrasting colour from back ground. Size shall be 15cm * 60 cm.	NA	1,102.00	Rupees One Thousand One Hundred Two Only	Each		1,22,322.00
c	255.00	Two Hundred Fifty Five numbers	Providing and fixing in position the signage of " Fire Extinguisher " to be pasted immediately above the every extinguisher. Sticker type	NA	810.00	Rupees Eight Hundred Ten Only	Each		2,06,550.00
d	114.00	One Hundred Fourteen numbers	Providing and fixing in position the signage of " Fire Hydrant & Hose Reel " to be pasted on door of the every fire shaft at all floors. Sticker type	NA	810.00	Rupees Eight Hundred Ten Only	Each		92,340.00
e	127.00	One Hundred Twenty Seven numbers	Providing and fixing in position the signage of " Manual Call Point " to be pasted on door of the every fire shaft at all floors. Sticker type	NA	810.00	Rupees Eight Hundred Ten Only	Each		1,02,870.00
187	74.00	Seventy Four numbers	Supply and fixing of Escape signage boards in Rigid Photo luminescent based glow in Dark rigid sheet with high intensity luminous properties with specification. Makes : As per list of recommended brands.	NA	1,720.88	Rupees One Thousand Seven Hundred Twenty and Paise Eighty Eight Only	Each		1,27,345.12
188	1.00	One numbers	Providing and fixing in position the sign board of " ASSEMBLY POINT " complete with 1 mm thick rigid plastic board size of 400 mm x 300 mm to be fixed on ground by using a steel rod / pipe at designated places as per drawing.	NA	1,550.00	Rupees One Thousand Five Hundred Fifty Only	Each		1,550.00
189			Providing and fixing in position the signages "FIRE ORDER" it should contain the following matter on 3 mm thick "Opaque" PVC foam board of computerised cut, PVC non-reflective self adhesive vinyl painted foam board of 3' * 4'	NA					-
a			Type -I comprising the following	NA					-

	1.00	One numbers	A) ALERT THE SECURITY AT SECURITY ROOM BY ACTUATING MANUAL CALL POINT LOCATED AT STRATEGIC LOCATIONS.	NA	2,670.00	Rupees Two Thousand Six Hundred Seventy Only	Each	2,670.00
			B) EVACUATE THE OCCUPANTS BY USING FIRE EXITS AND EMERGENCY EXITS ONLY AND ASSEMBLE AT VARIOUS ASSEMBLY POINTS.	NA				-
			C) IF POSSIBLE TRY TO EXTINGUISH THE FIRE BY USING NEAREST / SUITABLE PORTABLE EXTINGUISHER OR WATER FROM NEAREST WET RISER.	NA				-
			D) BE CALM AND DO NOT PANIC, WALK, DO NOT RUN.	NA				-
			E) IF YOU ENCOUNTER SERIOUS DIFFICULTY IN EVACUATION, LIE FLAT AND TRY TO ATTRACT ATTENTION OF RESCUE TEAM.	NA				-
b			Type - II comprising the following	NA				-
	1.00	One numbers	ACTION BY SECURITY / RECEPTION UPON RECEIPT OF INFORMATION THROUGH FIRE ALARM OR FIRE DETECTORS OR BY USING PUBLIC ADDRESS SYSTEM.	NA	2,670.00	Rupees Two Thousand Six Hundred Seventy Only	Each	2,670.00
			A) ALERT THE OCCUPANTS BY USING PUBLIC ADDRESS SYSTEM.	NA				-
			B) INFORM FIRE CONTROL THROUGH ANY ONE OF THE FOLLOWING PHONE NUMBERS: 101, xxxxxxxxxxxxxxxxxxxxxx	NA				-
			C) REFER EVACUATION PLAN FROM EVACUATING STANDARD PEOPLE.	NA				-
			D) GUIDE THE FIRE FORCE, ON THEIR ARRIVAL TO THE SEAT OF FIRE	NA				-
			E) IN CASE OF THE CASUALTIES, CALL AMBULANCE BY DIALLING NUMBER.....	NA				-
190	105.00	One Hundred Five Running meters	Supply and laying of 300 mm dia NP2 RCC Hume pipe with Collars for Road crossings	NA	813.51	Rupees Eight Hundred Thirteen and Paise Fifty one Only	One Running meter	85,418.26
191	80.00	Eighty Square meters	Providing Fire stop mortar shall be fire resistant, cement based mortar with thermal insulating properties, providing a minimum of 2 hours fire rating. It shall have good adhesion properties with base materials like concrete, masonry, metal pipes. It shall prevent passage of fire, smoke and water through fire rated wall and floor penetrations, cladding, etc. It shall be used as a permanent fire seal for Fire pipes. It shall be UL classified / FM approved. (for Fire shaft only)	NA	16,472.00	Rupees Sixteen Thousand Four Hundred Seventy Two Only	One Square meter	13,17,760.00

192	45.00	Forty Five Square meters	Sealing of openings with expanding firestop foam cartridges (CP-620) for pipes, cables & conduits crossing in walls by using fire retardant sealant, with expansion upto 7 times, repenetrable to protect against fire, smoke & water complete with dispenser, mixer & cleaner. (for closing the opening in cable penetration in Electrical / ELV shaft etc.)	NA	2,23,330.00	Rupees Two lakhs Twenty Three Thousand Three Hundred Thirty Only	One Square meter	100,49,850.00
			Total Fire Fighting Items Amount					853,13,957.13

SI.No	Probable Quantity in		Description of Work	A.P.S.S.N o./ MoRTH/ MORD	Estimate Rate in		Unit in Words	Amount in Rs.
	Figures	Words			Figures	Words		
	(2)		(3)	(4)	(5)	(6)	(7)	(8)
			Electrical Works					-
193	154884.00	One lakhs Fifty Four Thousand Eight Hundred Eighty Four Running meters	Supply and Fixing of ISI mark 25mm outer dia heavy grade (2.20mm thickness) with IS:9537 part -3 P.V.C. pipe for concealed wiring in new / existing brick building, walls, columns, beams duly cutting them to the required depth wherever necessary and fixing the pipes and specials with nails and plastering neatly with cement mortar and colour washing to match the finished concealed and masonry work for light, fan and separate plug point including all labour charges etc., complete.	NA	125.93	Rupees One Hundred Twenty Five and Paise Ninety Three Only	One Running meter	195,04,542.12
			Makes: Sudhakar / Finolex / Polycab / Kumar / AKG / Indian-tubes / GM / Anchor / Nandi / Polyline / Gold Medal	NA				-
				NA				-
194	5180.00	Five Thousand One Hundred Eighty numbers	Supply and wiring with 2 run of 22/0.3mm (1.5 sq.mm) PVC insulated FRLS flexible copper cable (ISI MARK) as per IS:694 / 1990 specification in existing PVC pipes / casing & capping with 2 plate jumbo ceiling rose, 6 Amp 1 Way Module Modular switch to switch control box including all labour charges etc., complete for Light, bell, fan and Exhaust fan points in Residential Buildings.	NA	802.66	Rupees Eight Hundred Two and Paise Sixty Six Only	Each	41,57,778.80
			Grade-A: Wire Makes: Finolex / RRRKabel / Havells / Polycab / L&T / KEI Grade-A: Modular Switch Makes: Legrand Arteor / Schneider Zen cello / Gold Medal / GIFA / L&T englaze / Crabtree - Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
195	1340.00	One Thousand Three Hundred Forty numbers	Supply and wiring with 2 run of 22/0.3mm (1.5 sq.mm) PVC insulated FRLS flexible copper cable (ISI MARK) as per IS:694 / 1990 specification in existing PVC pipes / casing & capping with 2 plate jumbo ceiling rose, 6 Amp 1 Way Module Modular switch to switch control box including all labour charges etc., complete for Light, bell, fan and Exhaust fan points in Non-Residential Buildings.	NA	856.03	Rupees Eight Hundred Fifty Six and Paise Three Only	Each	11,47,080.20
			Grade-A: Wire Makes: Finolex / RRRKabel / Havells / Polycab / L&T / KEI Grade-A: Modular Switch Makes: Legrand Arteor / Schneider Zen cello / Gold Medal / GIFA / L&T englaze / Crabtree - Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-

196	3052.00	Three Thousand Fifty Two numbers	Supply and wiring with 3 run of 22/0.3mm (1.5 sq.mm) PVC insulated FRLS flexible copper cable (ISI MARK) as per IS:694 / 1990 specification in existing PVC pipes / casing & capping with 3 plate jumbo ceiling rose, 6 Amp 1 Way Module Modular switch to switch control box including all labour charges etc., complete for Light, bell, fan and Exhaust fan points in Residential Buildings.	NA	965.63	Rupees Nine Hundred Sixty Five and Paise Sixty Three Only	Each	29,47,102.76
			Grade-A: Wire Makes: Finolex / RRRKabel / Havells / Polycab / L&T / KEI Grade-A: Modular Switch Makes: Legrand Arteor / Schneider Zen cello / Gold Medal / GIFA / L&T englaze / Crabtree - Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
197	1640.00	One Thousand Six Hundred Forty numbers	Supply and wiring with 3 run of 22/0.3mm (1.5 sq.mm) PVC insulated FRLS flexible copper cable (ISI MARK) as per IS:694 / 1990 specification in existing PVC pipes / casing & capping with 3 plate Jumbo ceiling rose, 6 Amp 1 Way Module Modular switch to switch control box including all labour charges etc., complete for Light, bell, fan and Exhaust fan points in Non-Residential Buildings.	NA	1045.68	Rupees One Thousand Forty Five and Paise Sixty Eight Only	Each	17,14,915.20
			Grade-A: Wire Makes: Finolex / RRRKabel / Havells / Polycab / L&T / KEI Grade-A: Modular Switch Makes: Legrand Arteor / Schneider Zen cello / Gold Medal / GIFA / L&T englaze / Crabtree - Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
198	2892.00	Two Thousand Eight Hundred Ninety Two numbers	Supply and wiring with 2 run of 22 / 0.3mm (1.5Sqmm) PVC insulated FRLS flexible copper cable (ISI MARK) as per IS:694 / 1990 specification in existing PVC pipes / casing & capping without ceiling rose, 6 Amp 1 Way Module Modular switch to switch control box including all labour charges etc., complete for Light, bell, fan and Exhaust fan points in Residential Buildings.	NA	712.88	Rupees Seven Hundred Twelve and Paise Eighty Eight Only	Each	20,61,648.96
			Grade-A: Wire Makes: Finolex / RRRKabel / Havells / Polycab / L&T / KEI Grade-A: Modular Switch Makes: Legrand Arteor / Schneider Zen cello / Gold Medal / GIFA / L&T englaze / Crabtree - Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
199	238.00	Two Hundred Thirty Eight numbers	Supply and wiring with 2 run of 22/0.3mm (1.5 sq.mm) PVC insulated FRLS flexible copper cable (ISI MARK) as per IS:694 / 1990 specification in existing PVC pipes / casing & capping without ceiling rose, 6 Amp 1 Way Module Modular switch to switch control box including all labour charges etc., complete for Light, bell, fan and Exhaust fan points in Non-Residential Buildings.	NA	758.56	Rupees Seven Hundred Fifty Eight and Paise Fifty Six Only	Each	1,80,537.28

			Grade-A: Wire Makes: Finolex / RRRKabel / Havells / Polycab / L&T / KEI Grade-A: Modular Switch Makes: Legrand Arteor / Schneider Zen cello / Gold Medal / GIFA / L&T englaze / Crabtree - Murano / Amare / Ducor / GM Four-Five	NA					-
				NA					-
200	82630.00	Eighty Two Thousand Six Hundred Thirty Running meters	Supply and run of 3 wire of 36/0.3mm (2.5 Sq mm) PVC insulated flexible FRLS copper cable as per IS:694 / 1990 specification in the existing PVC pipe / MS pipe /PVC Trunking for mains including all labour charges etc., complete.	NA	136.19	Rupees One Hundred Thirty Six and Paise Nineteen Only	One Running meter		112,53,379.70
			Grade-A: Makes: Finolex / RR kabel / Havells/ KEI/ Polycab/ Gloster/ Goldmedal/ GM	NA					-
201	46050	Forty Six Thousand Fifty Running meters	Supply and run of 5 wire of 36/0.3mm (2.5 Sq mm) PVC insulated flexible FRLS copper cable as per IS:694 / 1990 specification in the existing PVC pipe / MS pipe /PVC Trunking for mains including all labour charges etc., complete.	NA	208.58	Rupees Two Hundred Eight and Paise Fifty Eight Only	One Running meter		96,05,109.00
			Grade-A: Makes: Finolex / RR kabel / Havells/ KEI/ Polycab/ Gloster/ Goldmedal/ GM	NA					-
				NA					-
202	36550	Thirty Six Thousand Five Hundred Fifty Running meters	Supply and run of 3 wire of 56/0.3mm (4.0 Sq mm) PVC insulated flexible FRLS copper cable as per IS:694 / 1990 specification in the existing PVC pipe / MS pipe /PVC Trunking for mains including all labour charges etc., complete.	NA	207.11	Rupees Two Hundred Seven and Paise Eleven Only	One Running meter		75,69,870.50
			Grade-A: Makes: Finolex / RR kabel / Havells/ KEI/ Polycab/ Gloster/ Goldmedal/ GM	NA					-
				NA					-
203	32420	Thirty Two Thousand Four Hundred Twenty Running meters	Supply and run of 5 wire of 56/0.3mm (4.0 Sq mm) PVC insulated flexible FRLS copper cable as per IS:694 / 1990 specification in the existing PVC pipe / MS pipe /PVC Trunking for mains including all labour charges etc., complete.	NA	317.64	Rupees Three Hundred Seventeen and Paise Sixty Four Only	One Running meter		102,97,888.80
			Grade-A: Makes: Finolex / RR kabel / Havells/ KEI/ Polycab/ Gloster/ Goldmedal/ GM	NA					-
				NA					-
204	19350	Nineteen Thousand Three Hundred Fifty Running meters	Supply and run of 5 wire of 84/0.3mm (6.0 Sq mm) PVC insulated flexible FRLS copper cable as per IS:694 / 1990 specification in the existing PVC pipe / MS pipe /PVC Trunking for mains including all labour charges etc., complete.	NA	464.16	Rupees Four Hundred Sixty Four and Paise Sixteen Only	One Running meter		89,81,496.00
			Grade-A: Makes: Finolex / RR kabel / Havells/ KEI/ Polycab/ Gloster/ Goldmedal/ GM	NA					-

				NA					-
205	3004	Three Thousand Four numbers	Supply and fixing of 5/8" Angle / Batten Holder on the existing junction boxes/ T.W Board etc. and giving necessary connections.	NA	82.43	Rupees Eighty Two and Paise Forty Three Only	Each		2,47,619.72
			Makes: GM G Home / Gold Medal Olive / Million Zoom / Great white Omega/Koncept/Vimal opel/ Anchor/Vihan/CPL/ Havells Reo	NA					-
				NA					-
206	238	Two Hundred Thirty Eight numbers	Supply and fixing of Electronic Musical Bell on the existing junction boxes, T.W Board etc., and giving necessary connections.	NA	396.09	Rupees Three Hundred Ninety Six and Paise Nine Only	Each		94,269.42
			Makes: GM G Home / Gold Medal Olive / Million Zoom / Great white Omega / Koncept/Vimal opel/ Anchor/Vihan/CPL/ Havells Reo	NA					-
				NA					-
207	9555	Nine Thousand Five Hundred Fifty Five numbers	Supply and fixing of 6 /10 Amps 1 way 1 module Modular Switch on to the existing metal box (Switch Control Box) cover frame and giving necessary connections including all labour charges etc., complete.	NA	129.96	Rupees One Hundred Twenty Nine and Paise Ninety Six Only	Each		12,41,767.80
			Grade -A: Makes: Legrand (Arteor/Myrius) / Schneider (Clipsal X/ Livia AB)/ Crabtree Murano or Ducor/L&T-englaze/ GM-(Four-Five)/Goldmedal(GIFA)	NA					-
				NA					-
208	3364	Three Thousand Three Hundred Sixty Four numbers	Supply and fixing of 6 /10 Amps 2 way 1 module Modular Switch on to the existing metal box (Switch Control Box) cover frame and giving necessary connections including all labour charges etc., complete.	NA	142.43	Rupees One Hundred Forty Two and Paise Forty Three Only	Each		4,79,134.52
			Grade -A: Makes: Legrand (Arteor/Myrius) / Schneider (Clipsal X/ Livia AB)/ Crabtree Murano or Ducor/L&T-englaze/ GM-(Four-Five)/Goldmedal(GIFA)	NA					-
				NA					-
209	9555	Nine Thousand Five Hundred Fifty Five numbers	Supply and fixing of 6 /10 Amps 3 / 2 pin 2 module Modular Socket with shutter on to the existing metal box (Switch Control Box) cover frame and giving necessary connections including all labour charges etc., complete.	NA	185.51	Rupees One Hundred Eighty Five and Paise Fifty One Only	Each		17,72,548.05

			Grade -A: Makes: Legrand (Arteor/Myrius) / Schneider (Clipsal X/ Livia AB)/ Crabtree Murano or Ducor/L&T-englaze/ GM-(Four-Five)/Goldmedal(GIFA)	NA					-
				NA					-
210	3515	Three Thousand Five Hundred Fifteen numbers	Supply and fixing of 16 /20 Amps 1 Way 1 Module Modular Switch on to the existing metal box (Switch Control Box) cover frame and giving necessary connections including all labour charges etc., complete.	NA	167.37	Rupees One Hundred Sixty Seven and Paise Thirty Seven Only	Each		5,88,305.55
			Grade -A: Makes: Legrand (Arteor/Myrius) / Schneider (Clipsal X/ Livia AB)/ Crabtree Murano or Ducor/L&T-englaze/ GM-(Four-Five)/Goldmedal(GIFA)	NA					-
				NA					-
211	1750	One Thousand Seven Hundred Fifty numbers	Supply and fixing of 20 Amps 1 Way 1 Module Modular Switch with Neon Indicator on to the existing metal box (Switch Control Box) cover frame and giving necessary connections including all labour charges etc., complete.	NA	179.84	Rupees One Hundred Seventy Nine and Paise Eighty Four Only	Each		3,14,720.00
			Grade -A: Makes: Legrand (Arteor/Myrius) / Schneider (Clipsal X/ Livia AB)/ Crabtree Murano or Ducor/L&T-englaze/ GM-(Four-Five) / Goldmedal(GIFA)	NA					-
				NA					-
212	3515	Three Thousand Five Hundred Fifteen numbers	Supply and fixing of 20 Amps 2 Module Modular Socket with Shutter on to the existing metal box (Switch Control Box) cover frame and giving necessary connections including all labour charges etc., complete.	NA	242.19	Rupees Two Hundred Forty Two and Paise Nineteen Only	Each		8,51,297.85
			Grade -A: Makes: LegrandArteor / Schneider Zen cello / Goldmedal / GIFA / L&T englaze / Crabtree- Murano /Amare/ Ducor / GM Four-Five	NA					-
				NA					-
213	4476	Four Thousand Four Hundred Seventy Six numbers	Supply and fixing of 100 W Fan Step Regulator of 2 Module on to the existing metal box (Switch Control Box) cover frame and giving necessary connections including all labour charges etc., complete.	NA	584.55	Rupees Five Hundred Eighty Four and Paise Fifty Five Only	Each		26,16,445.80
			Grade -A: Makes: LegrandArteor / Schneider Zen cello / Goldmedal / GIFA / L&T englaze / Crabtree- Murano /Amare/ Ducor / GM Four-Five	NA					-
				NA					-

214	1398	One Thousand Three Hundred Ninety Eight numbers	Supply and fixing of 1 or 2 Modular Cover Plate & Frame on to the Existing Metal Box (Switch control Box) including all labour charges etc., complete.	NA	98.22	Rupees Ninety Eight and Paise Twenty Two Only	Each	1,37,311.56
			Grade-A: Makes: LegrandArteor / Schneider Zen cello / Goldmedal / GIFA / L&T englaze / Crabtree- Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
215	1686	One Thousand Six Hundred Eighty Six numbers	Supply and fixing of 3 Modular Cover Plate & Frame on to the Existing Metal Box (Switch control Box) including all labour charges etc., complete.	NA	110.69	Rupees One Hundred Ten and Paise Sixty Nine Only	Each	1,86,623.34
			Grade-A: Makes: Legrand Arteor / Schneider Zen cello / Goldmedal / GIFA / L&T englaze / Crabtree- Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
216	1801	One Thousand Eight Hundred One numbers	Supply and fixing of 4 Modular Cover Plate & Frame on to the Existing Metal Box (Switch control Box) including all labour charges etc., complete.	NA	123.16	Rupees One Hundred Twenty Three and Paise Sixteen Only	Each	2,21,811.16
			Grade-A: Makes: LegrandArteor / Schneider Zen cello / Goldmedal / GIFA / L&T englaze / Crabtree- Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
217	1894	One Thousand Eight Hundred Ninety Four numbers	Supply and fixing of 6 Modular Horizontal / Vertical Cover Frame. on to the Existing Metal Box (Switch control Box) including all labour charges etc., complete.	NA	173.04	Rupees One Hundred Seventy Three and Paise Four Only	Each	3,27,737.76
			Grade-A: Makes: LegrandArteor / Schneider Zen cello / Goldmedal / GIFA / L&T englaze / Crabtree- Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
218	3833	Three Thousand Eight Hundred Thirty Three numbers	Supply and fixing of 8 OR 9 Modular Cover Plate & Frame on to the Existing Metal Box (Switch control Box) including all labour charges etc., complete.	NA	217.25	Rupees Two Hundred Seventeen and Paise Twenty Five Only	Each	8,32,719.25
			Grade-A: Makes: LegrandArteor / Schneider Zen cello / Goldmedal / GIFA / L&T englaze / Crabtree- Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-

219	2596	Two Thousand Five Hundred Ninety Six numbers	Supply and fixing of 12 Modular Vertical Cover Plate & Frame on to the Existing Metal Box (Switch control Box) including all labour charges etc., complete.	NA	260.33	Rupees Two Hundred Sixty and Paise Thirty Three Only	Each	6,75,816.68
			Grade-A: Makes: LegrandArteor / Schneider Zen cello / Goldmedal / GIFA / L&T englaze / Crabtree- Murano / Amare / Ducor / GM Four-Five	NA				-
				NA				-
220	3688	Three Thousand Six Hundred Eighty Eight numbers	Supply and fixing of fan hook made out of 3/8" (10mm) M.S.Plain rod and providing to the existing M.S. Rod at the time of concreting the roof slab.	NA	112.79	Rupees One Hundred Twelve and Paise Seventy Nine Only	Each	4,15,969.52
				NA				-
221	2426	Two Thousand Four Hundred Twenty Six numbers	Fixing of Ceiling fan including transportation and giving connections with twin core wire etc., complete.	NA	184.86	Rupees One Hundred Eighty Four and Paise Eighty Six Only	Each	4,48,470.36
				NA				-
222	1158	One Thousand One Hundred Fifty Eight numbers	Fixing of given (9" to 24") Exhaust fan on to the existing hole and giving necessary connections complete.	NA	515.81	Rupees Five Hundred Fifteen and Paise Eighty One Only	Each	5,97,307.98
				NA				-
223	202	Two Hundred Two numbers	Supply and fixing of 8 Way TP & N Horizontal type Distribution board as per IS 8623; IS 13032; IEC 61439-3 with IP-43 protection (Metal door) firmly concealed in the wall with neat plastering etc., complete.	NA	6742.35	Rupees Six Thousand Seven Hundred Forty Two and Paise Thirty Five Only	Each	13,61,954.70
			Makes: Legrand (Ekinox 3) / Schneider-A9/Hager -Novello+/ Seimens/ Havells STADx/ L&T-Newrange/Indo Asian-Opti Pro/ HPL (Techno).	NA				-
224	48	Forty Eight numbers	Supply and fixing of 12 Way TP & N Horizontal type Distribution board as per IS 8623; IS 13032; IEC 61439-3 with IP-43 protection (Metal door) firmly concealed in the wall with neat plastering etc., complete.	NA	6431.73	Rupees Six Thousand Four Hundred Thirty One and Paise Seventy Three Only	Each	3,08,723.04
			Makes: Legrand (Ekinox 3) / Schneider-A9/Hager -Novello+/ Seimens/ Havells STADx/ L&T-Newrange/Indo Asian-Opti Pro/ HPL (Techno).	NA				-

				NA					-
225	1964	One Thousand Nine Hundred Sixty Four numbers	Supply and fixing of 20 Amps 2 Pin & Earth Socket Metal Plug Board with 1 No. 20 Amps SP MCB 10KA 'C' series ISI mark including the cost of MCB Concealed in the wall with neat plastering and giving necessary connections.	NA	2100.59	Rupees Two Thousand One Hundred and Paise Fifty Nine Only	Each		41,25,558.76
			Makes: Legrand (Ekinox 3) / Schneider-A9/Hager -Novello+/ Seimens/ Havells STADx/ L&T-Newrange/Indo Asian-Opti Pro/ HPL (Techno).	NA					-
				NA					-
226	202	Two Hundred Two numbers	Supply and fixing of 63 Amp FP Isolator as per IEC:60947 Part-III in the existing board and giving necessary connections.	NA	1367.40	Rupees One Thousand Three Hundred Sixty Seven and Paise Forty Only	Each		2,76,214.80
			Grade-A: Makes: Legrand-DX3 / Schneider-Acti9 / Hager-h3 / Siemens-5SX4 / Havells STADx / L&T-AU / Indo Asian-Opti pro / HPL (Techno)	NA					-
				NA					-
227	48	Forty Eight numbers	Supply and fixing of 100 Amp FP Isolator as per IEC:60947 Part-III in the existing board and giving necessary connections.	NA	1438.82	Rupees One Thousand Four Hundred Thirty Eight and Paise Eighty Two Only	Each		69,063.36
			Grade-A: Makes: Legrand-DX3 / Schneider-Acti9 / Hager-h3 / Siemens-5SX4 / Havells STADx / L&T-AU / Indo Asian-Opti pro / HPL (Techno)	NA					-
				NA					-
228	6576	Six Thousand Five Hundred Seventy Six numbers	Supply and fixing of 6 to 32 Amps range Single pole MCBs 'C'/'D' Curve as per IS:8828 - 1996 / IEC:60898 - 2002 ISI mark of 'C' series 10 KA breaking capacity in the existing board and giving necessary connections.	NA	348.25	Rupees Three Hundred Forty Eight and Paise Twenty Five Only	Each		22,90,092.00
			Grade-A: Makes: Legrand-DX3 / Schneider-Acti9 / Hager-h3 / Siemens-5SX4 / Havells STADx / L&T-AU / Indo Asian-Opti pro / HPL (Techno)	NA					-
				NA					-
229	1398	One Thousand Three Hundred Ninety Eight numbers	Supply and fixing of 1 or 2 Module Hot Dip Galvanized 20 / 18 SWG Module box with earthing terminal concealed in wall with all required accessories including masonry work and all labour charges etc., complete.	NA	200.54	Rupees Two Hundred and Paise Fifty Four Only	Each		2,80,354.92

			Make: Legrand / G.M / L&T / GM Four-Five / Legrand Arteur / Schneider / Anchor / Clipsal / Havells / ABB / Indo Asian / Siemen / Fortune Art.	NA					-
				NA					-
230	1686	One Thousand Six Hundred Eighty Six numbers	Supply and fixing of 3 Module Hot Dip Galvanized 20 / 18 SWG Module box with earthing terminal concealed in wall with all required accessories including masonry work and all labour charges etc., complete.	NA	231.15	Rupees Two Hundred Thirty One and Paise Fifteen Only	Each		3,89,718.90
			Make: Legrand / G.M / L&T / GM Four-Five / Legrand Arteur / Schneider / Anchor / Clipsal / Havells / ABB / Indo Asian / Siemen / Fortune Art.	NA					-
				NA					-
231	1801	One Thousand Eight Hundred One numbers	Supply and fixing of 4 Module Hot Dip Galvanized 20 / 18 SWG Module box with earthing terminal concealed in wall with all required accessories including masonry work and all labour charges etc., complete.	NA	264.03	Rupees Two Hundred Sixty Four and Paise Three Only	Each		4,75,518.03
			Make: Legrand / G.M / L&T / GM Four-Five / Legrand Arteur / Schneider / Anchor / Clipsal / Havells / ABB / Indo Asian / Siemen / Fortune Art.	NA					-
				NA					-
232	1894	One Thousand Eight Hundred Ninety Four numbers	Supply and fixing of 6 Module Hot Dip Galvanized 20 / 18 SWG Module box with earthing terminal concealed in wall with all required accessories including masonry work and all labour charges etc., complete.	NA	310.51	Rupees Three Hundred Ten and Paise Fifty One Only	Each		5,88,105.94
			Make: Legrand / G.M / L&T / GM Four-Five / Legrand Arteur / Schneider / Anchor / Clipsal / Havells / ABB / Indo Asian / Siemen / Fortune Art.	NA					-
				NA					-
233	3833	Three Thousand Eight Hundred Thirty Three numbers	Supply and fixing of 8/9 Module Hot Dip Galvanized 20 / 18 SWG Module box with earthing terminal concealed in wall with all required accessories including masonry work and all labour charges etc., complete.	NA	364.92	Rupees Three Hundred Sixty Four and Paise Ninety Two Only	Each		13,98,738.36
			Make: Legrand / G.M / L&T / GM Four-Five / Legrand Arteur / Schneider / Anchor / Clipsal / Havells / ABB / Indo Asian / Siemen / Fortune Art.	NA					-
				NA					-
234	2596	Two Thousand Five Hundred Ninety Six numbers	Supply and fixing of 12 Module Hot Dip Galvanized 20 / 18 SWG Module box with earthing terminal concealed in wall with all required accessories including masonry work and all labour charges etc., complete.	NA	412.54	Rupees Four Hundred Twelve and Paise Fifty Four Only	Each		10,70,953.84

			Make: Legrand / G.M / L&T / GM Four-Five / Legrand Arteor / Schneider / Anchor / Clipsal / Havells / ABB / Indo Asian / Siemen / Fortune Art.	NA					-
				NA					-
235	2426	Two Thousand Four Hundred Twenty Six numbers	Supply of 48" (1200mm) Sweep 5 star rated BLDC (Brush less Direct Current) Ceiling Fan with double ball bearings, input voltage 230V AC converted to 24 V DC, power input not more than 32W , air delivery 210/220 cubic meter/min with remote and without Regulator. Makes : Atomberg(Gorilla GV2) / Halonix(Plasma) / Havells (Efficiencia Neo) / Crompton (EN Riviera)	NA	4112.88	Rupees Four Thousand One Hundred Twelve and Paise Eighty Eight Only	Each		99,77,846.88
				NA					-
236	1158	One Thousand One Hundred Fifty Eight numbers	Supply of 9" (225mm), Light duty exhaust fan with double ball bearing and wire guard etc complete. Makes: Crompton / Bajaj Bahar WG / Havells Ventil Air-DSP / Orient hill air/ Halonix /Polycab/ G.M. (Xenix)/Goldmedal (Rapido-9)	NA	1852.38	Rupees One Thousand Eight Hundred Fifty Two and Paise Thirty Eight Only	Each		21,45,056.04
				NA					-
237	5498	Five Thousand Four Hundred Ninety Eight numbers	Supply and fixing of 20-24W, not less than 1100mm length LED batten light with extruded alluminium housing and polycarbonate cover, input voltage AC 220 - 260 Volts with PF>0.9, Surge protection: 2KV,THD<15%, with inbuilt driver and frosted cover CCT: 3000K - 5700K, minimum CRI>70, .etc., complete. a) LUMINAIRE MAKE : Phillips / GE- Venture / Crompton / Wipro / Bajaj / Havells / Halonix/ Jaquar/ HPL/GM /GreenLites / Gold Medal/ Eveready b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/ Everlight.	NA	834.37	Rupees Eight Hundred Thirty Four and Paise Thirty Seven Only	Each		45,87,366.26
				NA					-
238	2950	Two Thousand Nine Hundred Fifty numbers	Supply of 7.0W LED Lamp with input voltage 90 to 300V, Colour temperature 3000k - 6500k, Beam angle 170 - 220 degrees, B22 base, . Makes: Phillips /Crompton / Bajaj / Havells / Halonix/GM/HPLSyska / Green Lites / Fortune Art / GoldMedal / Luker/Leo/Orbit /Rhino / GLO LED	NA	146.24	Rupees One Hundred Forty Six and Paise Twenty Four Only	Each		4,31,408.00
				NA					-

239	13845	Thirteen Thousand Eight Hundred Forty Five Running meters	Supply,laying ,testing and commisioning of 6 UTP cable 4-pair, Cat6 Solid (Third party ETL Intertek tested 600 MHZ above) to support 1Gbps with Cross (+) filler pair seperator & PVC sheath 23 AWG, STP/UTP Cable , Meets or exceeds ANSI/TIA-568-C.2 and UL Listed &RoHS Compliant in the existing raceways /pvc conduits including making connections to information outlets and patch panels with ferruling at both ends for identification with necessary tools for punching stripping crimping and testing required etc., complete. Makes: Systimax /AMP/ Panduit/ Siemond/ Molex/Legrand	NA	44.21	Rupees Forty Four and Paise Twenty One Only	One Running meter	6,12,087.45
				NA				-
240	258	Two Hundred Fifty Eight numbers	Supply installation testing and commisioning of 1no of Cat6 Toolless builtin crimping mechanism Information Outlet with Dust Cover Exceed ANSI/TIA-568-C.2 and ISO/IEC 11801 standards with 1module face plate for Category 6 component performance & Compatible to T568A,T568B wiring pattern and UL-940V0 Rated Plastic &RoHS Compliant Makes: Systimax /AMP/ Panduit/ Siemond/ Molex/Legrand	NA	536.22	Rupees Five Hundred Thirty Six and Paise Twenty Two Only	Each	1,38,344.76
				NA				-
241	14120	Fourteen Thousand One Hundred Twenty Running meters	Supply of 5 Pair telephone copper wire. Makes: Finolex / Delton / Surabi / Polycab	NA	34.29	Rupees Thirty Four and Paise Twenty Nine Only	One Running meter	4,84,174.80
				NA				-
242	270	Two Hundred Seventy numbers	Modular socket type Telephone jack with Connector Grade -A: Makes: Legrand (Arteor / Myrius) / Schneider (Clipsal X / Livia AB) / Crabtree Murano or Ducor / L&T-englaze / GM-(Four-Five) / Goldmedal (GIFA) / Million (M-VEE) / Anchor Roma (PLUS)	NA	112.23	Rupees One Hundred Twelve and Paise Twenty Three Only	Each	30,302.10
				NA				-
243	840	Eight Hundred Forty numbers	Modular co-Axial socket type TV Antenna outlet. Grade -A: Makes: Legrand (Arteor / Myrius) / Schneider (Clipsal X / Livia AB) / Crabtree Murano or Ducor / L&T-englaze / GM-(Four-Five) / Goldmedal (GIFA) / Million (M-VEE) / Anchor Roma (PLUS)	NA	112.23	Rupees One Hundred Twelve and Paise Twenty Three Only	Each	94,273.20
				NA				-
			Panel boards	NA				-

244			Design, fabrication, supply and erection of L.T indoor type cubical Lightning panel board made with CRCA sheet. Bus bar and cable chamber should be mounted on suitable base MS channel. required hardware, duly painted by two coats of zinc/red oxide primer followed by Powder coated / epoxy / PU painted with phosphatisation in grey or required shade after rinsing. The panel having PU/Neoprene rubber gasket of not less than 3mm thickness, separate detachable, gland plate M.S. base channel, hinged door with locking arrangement for equipment / switchgear.	NA					-
			Thickness of sheet shall not be less than 1.6mm up to 600mm length/width of any compartment and be of 2.0mm above 600mm. Load bearing structure shall be of 2.0mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartments having bolted type doors with detachable extension type structure (only outer area on all sides shall be measured and panel to be abricated from CPRI approved fabricator).and fixing firmly as directed execution. The following switch gears, bus bars etc. should be supply and fixing in the panel firmly, and the panel with necessary individual doors, separate chambers for bus bars, out going cables etc. All the doors shall be provided with rubber beading and door knobs. The Top of the box should have provision for Incoming and Outgoing cables / Wire, The entire panel should be powder coated with siemens grey color through 7 tank process.	NA					-
			The following switch gears, bus bars etc., should supply and fixing in the panel firmly and the panel with necessary individul doors, separate chambers for bus bars, out going cables etc., All the doors shall be provided with rubber beading and door knobs. The top / bottem (as per site condition) of the box should have provision for incomming and out going cables	NA					-
244-1	1	One number	Main PCC LT PANEL 1	NA	6486519.03	Rupees Sixty Four lakhs Eighty Six Thousand Five Hundred Nineteen and Paise Three Only	Each		64,86,519.03
			The size of panel should be 7000 (L) X 2000 (H) X 800mm (D) around area of 42.40 sq mm.	NA					-
			Incoming	NA					-

			Air circuit breaker electrical draw out type , 4P, 415 volts 4000A ,EDO 75KA for 1 second fitted with the following: Microprocessor based BMS compatible protection release with adjustable over load, adjustable short circuit with adjustable time delay, instantaneous short circuit (>15 In), adjustable earth fault with adjustable time delay protection. Motor / closing coil / shunt trip coil shall be 230V AC.Under voltage coil shall be 415V AC, safety shutter & door interlock shall be provided. Ready to close indication, test and test to trip button, O/L, S/C, E/F, microprocessor healthy and microprocessor active LED indications. 4000/5A, 15VA, 1set. CT operated load manager / Trivector meterwith RS-485 communication, 1 set of RYB in pcc dication lamps and (0-500V) voltmeter with selector switch & Auto/manual selector switch. Cat No : MVS40N4NW6L - 3 Nos.	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 6 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: Conzerve / Elmeasure / Mecor / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 4 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 4 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 4000/5A CT - 6 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-

			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 2 Nos.	NA					-
			Out Goings	NA					-
			Supply of 2500A, 4P, 415 volts Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 2 Nos. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply of 1600A, 4P, 415 volts Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 2 Nos. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply of 800A, 4P, 415 volts Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 3 Nos. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 150 x 12 mm 2 runs around 120 mtrs length (4.86 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-2	1	One number	Main PCC LT PANEL2	NA	4091932.08	Rupees Forty lakhs Ninety One Thousand Nine Hundred Thirty Two and Paise Eight Only	Each		40,91,932.08
			The size of panel should be 7000 (L) X 2000 (H) X 800mm (D) around area of 42.40 sq mm.	NA					-

			Supply of 2000A 4 Pole, 75kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN60947 with Micro processor based having over load, short circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 3 Nos. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 6 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 4 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 4 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 2000/5A CT - 9 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 Nos.	NA					-
			Out Goings	NA					-

			Supply of 2000A, 4P, 415 volts Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 4 Nos. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply of 800A, 4P, 415 volts Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 2 Nos. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 125x10 mm 2 runs around 120 mtrs length (3.38 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-3	1	One number	DG LT PANEL	NA	1840563.94	Rupees Eighteen lakhs Forty Thousand Five Hundred Sixty Three and Paise Ninety Four Only	Each		18,40,563.94
			The size of panel should be 7000 (L) X 2000 (H) X 800mm (D) around area of 42.40 sq mm.	NA					-
			Incoming	NA					-
			Supply of 800A 4 Pole, 50kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 2 Nos. Makes: Siemens/ L&T / Schneider / Legrand / C&S / HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 6 Nos	NA					-

			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 4 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 4 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 800/5A CT - 6 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 800A 4 Pole, 50kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 2 Nos. Makes: Siemens/ L&T / Schneider / Legrand / C&S /HPL	NA					-
			Supply of 630A 4 Pole, 50kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 2 Nos. Makes: Siemens/ L&T / Schneider / Legrand /C&S /HPL	NA					-

			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 100x10 mm around 60 mtrs length (2.70 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-4	1	One number	Offices Metering Panel	NA	927258.45	Rupees Nine lakhs Twenty Seven Thousand Two Hundred Fifty Eight and Paise Forty Five Only	Each		9,27,258.45
			The size of panel should be 5000 (L) X 2000 (H) X 800mm (D) around area of 31.20 sq mm.	NA					-
			Incoming	NA					-
			Supply of 1600A 4 Pole, 75kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 no. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-

			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 1600/5A CT - 3Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 160A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted 5 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 125A 3 Pole MCCB,25 KA , Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 16 KA with thermal magnetic release Panel Mounted 10 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electronic energy Meter Three Phase.AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board - 15 Nos. Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/L&T.	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 200x10 mm around 50 mtrs length (5.40kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-

244-5	1	One number	Shops Metering Panel-1	NA	722300.20	Rupees Seven lakhs Twenty Two Thousand Three Hundred and Paise Twenty Only	Each	7,22,300.20
			The size of panel should be 5000 (L) X 2000 (H) X 800mm (D) around area of 31.20 sq mm.	NA				-
			Incoming	NA				-
			Supply of 800A 4 Pole, 50kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA				-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA				-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA				-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA				-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA				-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA				-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA				-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 800/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA				-

			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 125A 3 Pole MCCB,25 KA , Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 16 KA with thermal magnetic release Panel Mounted -7 Nos.. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 63A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 8 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electronic energy Meter Three Phase.AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board - 15 Nos. Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/L&T.	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 100x10 mm around 50 mtrs length (2.70 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-6	1	One number	Shops Metering Panel-2	NA	724544.83	Rupees Seven lakhs Twenty Four Thousand Five Hundred Forty Four and Paise Eighty Three Only	Each		7,24,544.83
			The size of panel should be 5000 (L) X 2000 (H) X 800mm (D) around area of 31.20 sq mm.	NA					-
			Incoming	NA					-

			Supply of 800A 4 Pole, 50kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 800/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-

			Supply of 160A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 2 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand –(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 125A 3 Pole MCCB,25 KA , Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 16 KA with thermal magnetic release Panel Mounted - 3 Nos.. Makes: L&T- D shine / Schneider-CVS / Legrand –(DP X3/DRX) / Siemens- 3VL / Hager-h3 / C&S -Winbreak / HPL-Techno	NA					-
			Supply of 63A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 10 Nos. Makes: L&T- D shine / Schneider-CVS / Legrand –(DP X3 / DRX) / Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electronic energy Meter Three Phase.AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board - 15 Nos. Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/L&T.	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 100x10 mm around 50 mtrs length (2.7 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending, cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-7	18	Eighteen numbers	Flats Metering Panel-1	NA	465866.30	Rupees Four lakhs Sixty Five Thousand Eight Hundred Sixty Six and Paise Thirty Only	Each		83,85,593.40
			The size of panel should be 5000 (L) X 2000 (H) X 800mm (D) around area of 31.20 sq mm.	NA					-
			Incoming	NA					-

			Supply of 250A 4 Pole MCCB,36/35 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 36/35KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 250/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 Nos.	NA					-
			Out Goings	NA					-

			Supply of 160A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 2 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 125A 3 Pole MCCB,25 KA , Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 16 KA with thermal magnetic release Panel Mounted - 10 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 63A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted -3 Nos.. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electronic energy Meter Three Phase.AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board - 15 Nos. Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/L&T.	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 60x6 mm around 50 mtrs length (0.972 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
244-8	3	Three numbers	Flats Metering Panel-2	NA	444417.64	Rupees Four lakhs Forty Four Thousand Four Hundred Seventeen and Paise Sixty Four Only	Each		13,33,252.92
			The size of panel should be 5000 (L) X 2000 (H) X 800mm (D) around area of 31.20 sq mm.	NA					-
			Incoming	NA					-

			Supply of 250A 4 Pole MCCB,36/35 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 36/35KA with thermal magnetic release Panel Mounted - 1No. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 250/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-

			Supply of 63A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 15 Nos. Makes: L&T- D shine / Schneider-CVS / Legrand –(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electronic energy Meter Three Phase.AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board - 15 Nos. Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/L&T.	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 60x6 mm around 50 mtrs length (0.972 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-9	3	Three numbers	Flats Metering Panel-3	NA	347437.92	Rupees Three lakhs Forty Seven Thousand Four Hundred Thirty Seven and Paise Ninety Two Only	Each		10,42,313.76
			The size of panel should be .4000 (L) X 2000 (H) X 800mm (D) around area of 25.60 sq mm.	NA					-
			Incoming	NA					-
			Supply of 250A 4 Pole MCCB,36/35 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 36/35KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS / Legrand–(DP X3/DRX) / Siemens- 3VL / Hager-h3 / C&S -Winbreak / HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-

			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 250/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 63A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 10 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electronic energy Meter Three Phase.AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board - 10 Nos. Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/L&T.	NA					-

			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 60x6 mm around 40 mtrs length (0.972 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-10	12	Twelve numbers	Flats DG Metering Panel-1	NA	290126.25	Rupees Two lakhs Ninety Thousand One Hundred Twenty Six and Paise Twenty Five Only	Each		34,81,515.00
			The size of panel should be 4000 (L) X 2000 (H) X 800mm (D) around area of 25.60 sq mm.	NA					-
			Incoming	NA					-
			Supply of 125A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-

			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 125/5A CT - 2 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 32 A TP MCB 10KA C/D Curve ISI Mark - 15 Nos. Makes:Legrand-DX3 / Schneider-A9 / Hager-h3 / Siemens-5SX4 / Havells STADx / L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and fixing of Electronic energy Meter Three Phase.AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board - 15 Nos. Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/L&T.	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 60x6 mm around 40 mtrs length (0.972 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-11	8	Eight numbers	Flats DG Metering Panels-2	NA	266104.20	Rupees Two lakhs Sixty Six Thousand One Hundred Four and Paise Twenty Only	Each		21,28,833.60
			TThe size of panel should be 4000 (L) X 2000 (H) X 800mm (D) around area of 25.60 sq mm.	NA					-
			Incoming	NA					-

			Supply of 125A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 125/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 32 A TP MCB 10KA C/D Curve ISI Mark - 10 Nos. Makes:Legrand-DX3 / Schneider-A9 / Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-

			Supply and fixing of Electronic energy Meter Three Phase.AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board - 10 Nos. Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/L&T.	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 60x6 mm around 40 mtrs length (0.972 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-12	1	One number	MDB COMMON AREA Panel	NA	976371.00	Rupees Nine lakhs Seventy Six Thousand Three Hundred Seventy One Only	Each		9,76,371.00
			The size of panel should be 5000 (L) X 2000 (H) X 800mm (D) around area of 31.20 sq mm.	NA					-
			Incoming	NA					-
			Supply of 1250A 4 Pole, 50kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 Nos. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-

			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 1250/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 630A 3 Pole MCCB,50 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 2 Nos. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX) / Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 400A 3 Pole MCCB,36/35 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 16 KA with thermal magnetic release Panel Mounted - 4 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 250A 3 Pole MCCB,36/35 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 4 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-

			Supply of 63A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 7 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 150x10 mm around 50 mtrs length (4.05 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
244-13	1	One number	MDB EMERGENCY Panel	NA	499501.13	Rupees Four lakhs Ninety Nine Thousand Five Hundred One and Paise Thirteen Only	Each		4,99,501.13
			The size of panel should be 5000 (L) X 2000 (H) X 800mm (D) around area of 31.20sq mm.	NA					-
			Incoming	NA					-
			Supply of 630A 4 Pole, 50kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 2 Nos. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 6 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: L&T / C&S / SALZER / HPL	NA					-

			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 4 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 4 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 630/5A CT - 6 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 Nos.	NA					-
			Out Goings	NA					-
			Supply of 630A 3 Pole MCCB,50 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 63A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 9 Nos. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3 /C&S -Winbreak / HPL-Techno	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 150x6 mm around 50 mtrs length (2.43 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-

244-14	1	One number	UPS DB	NA	223568.02	Rupees Two lakhs Twenty Three Thousand Five Hundred Sixty Eight and Paise Two Only	Each	2,23,568.02
			The size of panel should be 3000 (L) X 2000 (H) X 800mm (D) around area of 20 sq mm.	NA				-
			Incomming	NA				-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 6 Nos	NA				-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA				-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 2 Nos. Make: L&T / C&S / SALZER / HPL	NA				-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA				-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 4 Nos	NA				-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 4 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA				-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 63/5A CT - 6 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA				-
			Out Goings	NA				-

			Supply of 63A 3 Pole MCCB,16 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 16KA with thermal magnetic release Panel Mounted - 7 Nos. Makes:Legrand-DX3 / Schneider-A9 / Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 35x3 mm around 30 mtrs length (0.284 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-15	1	One number	MDB GROUND FLOOR	NA	263646.75	Rupees Two lakhs Sixty Three Thousand Six Hundred Forty Six and Paise Seventy Five Only	Each		2,63,646.75
			The size of panel should be 3000 (L) X 2000 (H) X 800mm (D) around area of 20.00 sq mm.	NA					-
			Incoming	NA					-
			Supply of 400A 4 Pole MCCB,36/35 KA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-

			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 630/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 400A 3 Pole MCCB,36/35 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 16 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL- Techno	NA					-
			Supply of 63A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 4 Nos. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL- Techno	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 50x10 mm around 30 mtrs length (1.35 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-

244-16	1	One number	MDB RESTAURANT	NA	366184.82	Rupees Three lakhs Sixty Six Thousand One Hundred Eighty Four and Paise Eighty Two Only	Each	3,66,184.82
			The size of panel should be 3000 (L) X 2000 (H) X 800mm (D) around area of 20 sq mm.	NA				-
			Incoming	NA				-
			Supply of 800A 4 Pole MCCB,50 KA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA				-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA				-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA				-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA				-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA				-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA				-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA				-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 800/5A CT -3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA				-

			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 630A 3 Pole MCCB,50 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 16 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 125A 3 Pole MCCB,25 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 63A 3 Pole MCCB,16 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 6 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 100x10 mm around 30 mtrs length (2.70 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-17	1	One number	KITCHEN PANEL	NA	200058.16	Rupees Two lakhs Fifty Eight and Paise Sixteen Only	Each		2,00,058.16
			The size of panel should be 3000 (L) X 2000 (H) X 800mm (D) around area of 20.00 sq mm.	NA					-
			Incoming	NA					-

			Supply of 125A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 No. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 125/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Out Goings	NA					-
			Supply of 32 A TP MCB 10KA C/D Curve ISI Mark - 5 Nos. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-

			Supply of 25 A TP MCB 10KA C/D Curve ISI Mark - 27 Nos Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 35x6 mm around 30 mtrs length (0.567 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-18	16	Sixteen numbers	Lift & Escalator Panel	NA	524828.01	Rupees Five lakhs Twenty Four Thousand Eight Hundred Twenty Eight and Paise One Only	Each		83,97,248.16
			The size of panel should be 5000 (L) X 2000 (H) X 800mm (D) around area of 31.20 sq mm.	NA					-
			Incoming	NA					-
			Supply of 630A 4 Pole MCCB,50 KA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-

			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer, with all necessary support in existing panel including connection etc. as required 630/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 No.	NA					-
			Out Goings	NA					-
			Supply of 63A 3 Pole MCCB,16 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 24 Nos. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL- Techno	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 150x6 mm around 50 mtrs length (2.43 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
244-19	1	One number	GROUND FLOOR AHU Panel	NA	371125.22	Rupees Three lakhs Seventy One Thousand One Hundred Twenty Five and Paise Twenty Two Only	Each		3,71,125.22
			The size of panel should be 4000 (L) X 2000 (H) X 800mm (D) around area of 25.60 sq mm.	NA					-
			Incoming	NA					-

			Supply of 400A 4 Pole MCCB,35/36KA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Mecro / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 400/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 Nos.	NA					-
			Out Goings	NA					-

			63A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 4 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			40A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 4 Nos. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			25A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 3 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 50x10 mm around 30 mtrs length (1.35 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
244-20	1	One number	RESTAURENT AHU Panel	NA	451979.73	Rupees Four lakhs Fifty One Thousand Nine Hundred Seventy Nine and Paise Seventy Three Only	Each		4,51,979.73
			The size of panel should be 4000 (L) X 2000 (H) X 800mm (D) around area of 25.60 sq mm.	NA					-
			Incoming	NA					-
			Supply of 630A 4 Pole MCCB,50KA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA					-

			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer, with all necessary support in existing panel including connection etc. as required 630/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply and Fixing of energy analyser (multy function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect - 1 Nos.	NA					-
			Out Goings	NA					-
			160A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 1 No.. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-

			120A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			80A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			63A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 1 No.. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			40A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 5 Nos.. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			32A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 4 Nos.. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			80A ,TPN ,415 volts MPCB, with 22KA for 1 second with all accessories and protection for AHU. Panel Mounted - 2 Nos.. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 150 x 10 mm around 30 mtrs length (2.43 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-

245			<p>Design, fabrication, supply and erection of L.T indoor type cubical Lightning panel board made with CRCA sheet. Bus bar and cable chamber should be mounted on suitable base MS channel. required hardware, duly painted by two coats of zinc/red oxide primer followed by Powder coated / epoxy / PU painted with phosphatisation in grey or required shade after rinsing. The panel having PU/Neoprene rubber gasket of not less than 3mm thickness,separate detachable, gland plate M.S. base channel, hinged door with locking arrangement for equipment/switchgear. Thickness of sheet shall not be less than 1.6mm up to 600mm length/width of any compartment and be of 2.0mm above 600mm. Load bearing structure shall be of 2.0mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartments having bolted type doors with detachable extension type structure (only outer area on all sides shall be measured and panel to be abricated from CPR I approved fabricator).and fixing firmly as directed execution. The following switch gears, bus bars etc. should be supply and fixing in the panel firmly, and the panel with necessary individual doors, separate chambers for bus bars, out going cables etc. All the doors shall be provided with rubber beading and door knobs.</p>	NA				-
			<p>The Top of the box should have provision for Incoming and Outgoing cables / Wire, The entire panel should be powder coated with siemens grey color through 7 tank process.</p>	NA				
			<p>Supply, erection, testing and commissioning of wall mounting type Panel board (concealed/ partly concealed) for lighting control/small power control The Panel shall comprise of SPN or TPN copper busbars as applicable, busbars of adequate size and brass neutral link with suitable number of taps and screws. The board shall be made out of 16 SWG sheet steel suitably reinforced. The distribution board shall be equipped with incoming and outgoing MCCB, MCB's & Circuit identification tags/cable markers etc.</p>	NA				-

			The distribution board shall be as per relevant BS & local regulations, CEIG requirements . An extra link shall be provided inside the panel for earthing purpose. An over all cover made out of 16 SWG sheet steel with flush type screws / lockable arrangement. The rate for board shall include supply and installation of all components, with GI doors such that MCB's are visible, hardwares, etc. including all connected civil works, equipped with the following. Suitable size GI adoptor box shall be provided above the panel location to terminate the incoming conduits to panel	NA					-
245.a	1	One number	PB- -OFF-1	NA	107332.39	Rupees One lakhs Seven Thousand Three Hundred Thirty Two and Paise Thirty Nine Only	Each		1,07,332.39
				NA					-
			The size of panel should be 2000 (L) X 1500 (H) X 500mm (D) around area of 9.50 sq mm.	NA					-
			Incomer :	NA					-
			Supply of 125A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-

			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of Current Transformer, with all necessary support in existing panel including connection etc. as required 630/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Out Goings	NA					-
			Supply of 63A 3 Pole MCCB, 16 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 2 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 25 A TP MCB 10KA C/D Curve ISI Mark - 1 No. Makes: Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply of 25 A DP MCB 10KA C/D Curve ISI Mark - 1 No. Makes: Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 25x6 mm around 24 mtrs length (0.405 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves (Neutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
245.b	1	One number	PB--OFF-2	NA	131246.79	Rupees One lakhs Thirty One Thousand Two Hundred Forty Six and Paise Seventy Nine Only	Each		1,31,246.79
			The size of panel should be 2000 (L) X 1500 (H) X 500mm (D) around area of 9.50 sq mm.	NA					-
			Incomer :	NA					-

			Supply of 160A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of Current Transformer, with all necessary support in existing panel including connection etc. as required 160/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Out Goings	NA					-
			Supply of 4 nos 63A 3 Pole MCCB,16 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 4 Nos. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX) / Siemens- 3VL / Hager-h3/C&S -Winbreak / HPL-Techno	NA					-
			Supply of 25 A TP MCB 10KA C/D Curve ISI Mark - 2 Nos. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-

			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 40x6 mm around 24 mtrs length (0.648 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
245.c	1	One number	PB--OFF-3	NA	104101.49	Rupees One lakhs Four Thousand One Hundred One and Paise Forty Nine Only	Each		1,04,101.49
			The size of panel should be 2000 (L) X 1500 (H) X 500mm (D) around area of 9.50 sq mm.	NA					-
			Incomer :	NA					-
			Supply of 125A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-

			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 100/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Out Goings	NA					-
			Supply of 63A 3 Pole MCCB,16 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 2 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 25 A TP MCB 10KA C/D Curve ISI Mark - 1 No. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply of 25 A DP MCB 10KA C/D Curve ISI Mark - 1 No. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 25x6 mm around 24 mtrs length (0.405 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
245.d	4	Four numbers	PB- SHOP- 1F TYPE-1	NA	91529.59	Rupees Ninety One Thousand Five Hundred Twenty Nine and Paise Fifty Nine Only	Each		3,66,118.36
			The size of panel should be 2000 (L) X 1500 (H) X 500mm (D) around area of 9.50 sq mm.	NA					-
			Incomer :	NA					-
			Supply of 100A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 nO. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-

			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 160/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Out Goings	NA					-
			Supply of 63A 3 Pole MCCB,16 KA Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 25 A DP MCB 10KA C/D Curve ISI Mark - 1 No. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 40x3 mm around 24 mtrs length (0.324 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-

245.e	4	Four numbers	PB- SHOP-TYPE-2	NA	86790.93	Rupees Eighty Six Thousand Seven Hundred Ninety and Paise Ninety Three Only	Each	3,47,163.72
			The size of panel should be 2000 (L) X 1500 (H) X 500mm (D) around area of 9.50 sq mm.	NA				-
			Incomer :	NA				-
			Supply of 63 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA				-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA				-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA				-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA				-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA				-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA				-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 63/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA				-
			Out Goings	NA				-

			Supply of 40 A TP MCB 10KA C/D Curve ISI Mark - 1 No. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply of 25 A DP MCB 10KA C/D Curve ISI Mark - 3 Nos. Makes:Legrand-DX3 / Schneider-A9 / Hager-h3/ Siemens- 5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 35x3 mm around 24 mtrs length (0.284 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-
245.f	16	Sixteen numbers	PB- FOR LIFT	NA	86970.05	Rupees Eighty Six Thousand Nine Hundred Seventy and Paise Five Only	Each		13,91,520.80
			The size of panel should be 2000 (L) X 1500 (H) X 500mm (D) around area of 9.50 sq mm.	NA					-
			Incomer :	NA					-
			Supply of 63 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 1 No. Makes: L&T- D shine / Schneider-CVS / Legrand -(DP X3/DRX) / Siemens- 3VL / Hager-h3 / C&S -Winbreak / HPL- Techno	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-

			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 2 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of Current Transformer, with all necessary support in existing panel including connection etc. as required 63/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Out Goings	NA					-
			Supply of 32 A TP MCB 10KA C/D Curve ISI Mark - 1 No. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply of 25 A TP MCB 10KA C/D Curve ISI Mark - 2 Nos. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply of 25 A DP MCB 10KA C/D Curve ISI Mark - 1 No. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 35x3 mm around 24 mtrs length (0.284 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-

246	2.00	Two numbers	Design, fabrication, supply and erection of L.T indoor type cubical Lightning panel board made with CRCA sheet. Bus bar and cable chamber should be mounted on suitable base MS channel. required hardware, duly painted by two coats of zinc/red oxide primer followed by Powder coated / epoxy / PU painted with phosphatisation in grey or required shade after rinsing. The panel having PU/Neoprene rubber gasket of not less than 3mm thickness, separate detachable, gland plate M.S. base channel, hinged door with locking arrangement for equipment/switchgear. Thickness of sheet shall not be less than 1.6mm up to 600mm length/width of any compartment and be of 2.0mm above 600mm. Load bearing structure shall be of 2.0mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartments having bolted type doors with detachable extension type structure (only outer area on all sides shall be measured and panel to be fabricated from CPR I approved fabricator).and fixing firmly as directed execution. The following switch gears, bus bars etc. should be supply and fixing in the panel firmly, and the panel with necessary individual doors, separate chambers for bus bars, out going cables etc.	NA	859634.62	Rupees Eight lakhs Fifty Nine Thousand Six Hundred Thirty Four and Paise Sixty Two Only	Each	17,19,269.24
			All the doors shall be provided with rubber beading and door knobs. The Top of the box should have provision for Incoming and Outgoing cables / Wire, The entire panel should be powder coated with siemens grey color through 7 tank process.	NA				
			Supply, Installation, Testing and commissioning of 350 KVAR CAPACITOR BANK PANEL made out of CRCA sheet steel Suitable size as per relevant stranderd and local regulations and as per CEIG requirment.made of duly supply and fixing the following items. The panel shall comprise the following equipment.	NA				-
				NA				-
			The size of panel should be 3000 (L) X 2100 (H) X 800mm (D) around area of 20.76 sq mm.	NA				-
			INCOMER :	NA				-
			Supply of 800A 4 Pole, 50kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA				-

			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 Nos. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 1 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer , with all necessary support in existing panel including connection etc. as required 800/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply Installation Testing and commissioning of microprocessor based intelligent power factor correction relay having 12 stage - sensitivity upto 50 milli Amp secondary current and following way, self analysing auto c/k setting according to targeted power factor setting, the relay shall have minimum three digit display unit for display of real power factor, targeted power factor, lag/lead capacitor switching status, alarm output for under current, over current, insufficient compensation, indication of switching on units, auto/manual status, and shall have over load protection, no volt release etc. as required - 1 No.	NA					-
			Supply and erection of Digital power factor meter, 3 phase,4 wire balanced or unbalanced load 5A, 415V of size 96 x 96mm on existing panel board including connections etc - 1 No. complete.MAKES : CONZERVE / ELMEASURE / L&T / SEIMENS.	NA					-

			Supply Installation Testing and commissioning of self healing MPP/MP type shunt capacitor (banks) conforming to IS:13340-41 / IEC :831-1&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 0.5 Watt per KVAR. including making connections with suitable capacity conductors/cables testing as required	NA					-
			Heavy duty Three phase 440 V, 50 Hz 50 KVAR capacitor (Bank) - 5 Nos. Makes: L&T / Seimens / Epcos / Schneider / Havells	NA					-
			Heavy duty Three phase 440 V, 50 Hz 25 KVAR capacitor (Bank) - 3 Nos. Makes: L&T / Seimens / Epcos / Schneider / Havells	NA					-
			Heavy duty Three phase 440 V , 50 Hz 15 KVAR capacitor (Bank) - 1 No. Makes: L&T / Seimens / Epcos / Schneider / Havells	NA					-
			Heavy duty Three phase 440 V , 50 Hz 10 KVAR capacitor (Bank) - 1 No. Makes: L&T / Seimens / Epcos / Schneider / Havells	NA					-
			Supply Installation Testing and Fixing of 440 Volt 3 pole capacitor (AC 6 B) duty contactor with 3 no. early make and post break auxiliary contacts in series with quick dischargedamping resistors/ reactors to limit the inrush current ,conforming to IS:13947-4-1/IEC:947-4-1, Din rail mounting type ncluding making onnections, testing etc. as required. suitable for following capacity capacitor bank Make:Seimens/ABB/Schneider/L&T/C&S/HPL/Havells	NA					-
			50 KVAR - 5 Nos	NA					-
			25 KVAR - 3 Nos.	NA					-
			15 KVAR - 1 No.	NA					-
			10 KVAR - 1 No.	NA					-
			Supply of 125A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 6 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 63 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 4 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-

			Supply of 40 A FP MCB 10KA C/D Curve ISI Mark - 1 No. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply of 32 A FP MCB 10KA C/D Curve ISI Mark - 1 No. Makes:Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx /L&T-AU/Indo Asian-Opti pro/ HPL (Techno)	NA					-
			Supply and Fixing of CT operated direct reading type Digital Ammeter above 500 Amps on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc as required - 10 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / Schneider / AE / Socomec	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 10 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 20 Nos	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 100x12 mm around 45 mtrs length (3.24 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required.	NA					-
				NA					-

247	2.00	Two numbers	Design, fabrication, supply and erection of L.T indoor type cubical Lightning panel board made with CRCA sheet. Bus bar and cable chamber should be mounted on suitable base MS channel. required hardware, duly painted by two coats of zinc/red oxide primer followed by Powder coated / epoxy / PU painted with phosphatisation in grey or required shade after rinsing. The panel having PU/Neoprene rubber gasket of not less than 3mm thickness,separate detachable, gland plate M.S. base channel, hinged door with locking arrangement for equipment/switchgear. Thickness of sheet shall not be less than 1.6mm up to 600mm length/width of any compartment and be of 2.0mm above 600mm. Load bearing structure shall be of 2.0mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartments having bolted type doors with detachable extension type structure (only outer area on all sides shall be measured and panel to be abricated from CPR I approved fabricator).and fixing firmly as directed execution. The following switch gears, bus bars etc. should be supply and fixing in the panel firmly, and the panel with necessary individual doors, separate chambers for bus bars, out going cables etc.	NA	1416848.90	Rupees Fourteen lakhs Sixteen Thousand Eight Hundred Forty Eight and Paise Ninety Only	Each	28,33,697.80
			All the doors shall be provided with rubber beading and door knobs. The Top of the box should have provision for Incoming and Outgoing cables / Wire, The entire panel should be powder coated with siemens grey color through 7 tank process.	NA				
			Supply ,Installation,Testing and commissioning of 750 KVAR CAPACITOR BANK PANEL made out of CRCA sheet steel Suitable size as per relevant stranderd and local regulations and as per CEIG requirment.made of duly supply and fixing the following items .The panel shall comprise the following equipment.	NA				-
			The size of panel should be 4000 (L) X 2100 (H) X 800mm (D) around area of 26.56sq mm.	NA				-
			INCOMER :	NA				-
			Supply of 1600A 4 Pole, 75kA Electrically drawout Air Circuit Breaker Confirms to IS 13947-2, IEC 60947-2 and BS-EN60947 with Micro processer based having over load, shot circuit and earth fault Protection with display and 20 faults History backup with BMS compatible communication ports - 1 No. Makes: Siemens/ L&T / Schneider /Legrand /C&S /HPL	NA				-

			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 3 Nos	NA					-
			Supply and Fixing of (0-500) V range Digital type Volt meter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: Conzerve / Elmeasure / Meco / HPL / L&T / socomec	NA					-
			Supply and Fixing of CT operated direct reading type Digital type Ammeter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 1 No. Make: L&T / C&S / SALZER / HPL	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 1 No. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 2 Nos	NA					-
			Supply and Fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required - 2 Nos. Make:Seimens / ABB / Schneider / L&T / C&S / HPL	NA					-
			Supply and Fixing of Current Transformer, with all necessary support in existing panel including connection etc. as required 800/5A CT - 3 Nos. Make: Kappa / L&T / Seimens / C&S / Schneider	NA					-
			Supply Installation Testing and commissioning of microprocessor based intelligent power factor correction relay having 12 stage - sensitivity upto 50 milli Amp secondary current and following way, self analysing auto c/k setting according to targeted power factor setting, the relay shall have minimum three digit display unit for display of real power factor, targeted power factor, lag/lead capacitor switching status, alarm output for under current, over current, insufficient compensation, indication of switching on units, auto/manual status, and shall have over load protection, no volt release etc. as required - 1 No.	NA					-
			Supply and erection of Digital power factor meter, 3 phase,4 wire balanced or unbalanced load 5A, 415V of size 96 x 96mm on existing panel board including connections etc - 1 No. complete.MAKES : CONZERVE / ELMEASURE / L&T / SEIMENS.	NA					-

			Supply Installation Testing and commissioning of self healing MPP/MP type shunt capacitor (banks) conforming to IS:13340-41 / IEC :831-1&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 0.5 Watt per KVAR. including making connections with suitable capacity conductors/cables testing as required	NA					-
			Heavy duty Three phase 440 V , 50 Hz 100KVAR capacitor (Bank) - 4 Nos. Makes: L&T / Seimens / Epcos / Schneider / Havells	NA					-
			Heavy duty Three phase 440 V , 50 Hz 50 KVAR capacitor (Bank) - 4 Nos. Makes: L&T / Seimens / Epcos / Schneider / Havells	NA					-
			Heavy duty Three phase 440 V , 50 Hz 25 KVAR capacitor (Bank) - 4 Nos. Makes: L&T / Seimens / Epcos / Schneider / Havells	NA					-
			Supply Installation Testing and Supply and Fixing of 440 Volt 3 pole capacitor (AC 6 B) duty contactor with 3 no. early make and post break auxiliary contacts in series with quick dischargedamping resistors/ reactors to limit the inrush current ,conforming to IS:13947-4-1/IEC:947-4-1, Din rail mounting type ncluding making onnections, testing etc. as required. suitable for following capacity capacitor bank Make:Seimens/ABB/Schneider/L&T/C&S/HPL/Havells	NA					-
			100 KVAR - 3 Nos.	NA					-
			50 KVAR - 4 Nos.	NA					-
			25 KVAR - 4 Nos.	NA					-
			Supply of 250A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 5 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply of 125A 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 6 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-

			Supply of 63 4 Pole MCCB,25 KA, Adjustable, Confirms to IEC 60947-2 and IS 13947-Part 1&2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted - 4 Nos. Makes: L&T- D shine / Schneider-CVS/Legrand -(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno	NA					-
			Supply and Fixing of CT operated direct reading type Digital Ammeter above 500 Amps on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required - 12 Nos. Make: Conzerve / Elmeasure / Meco / HPL / L&T / Schneider / AE / Socomec	NA					-
			Supply and Fixing of selector switch for voltmeter (4 position) including making connection etc. as required - 12 Nos. Make: L&T /C&S/SALZER/HPL	NA					-
			Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required LED Phase Indication Lamps - 24 Nos	NA					-
			Supply and fixing of Electrolytic grade aluminium bus bar. The size of alluminium flat 150x12 mm around 60 mtrs length (4.86 kg/mt) for bus bar with Suitable SMC / DMC type insulator, high tensile nuts and bolts spring washers in panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves(Nutral Bus bar is 100% of Phase bus bars) and all fixing accessories as required	NA					-
248			DISTRIBUTION BOARDS-PRE FABRICATED	NA					-
			Supply, erection, testing and commissioning of wall mounting type distribution board (concealed/ partly concealed) for lighting control/small power control The DB shall comprise of SPN or TPN copper busbars as applicable, busbars of adequate size and brass neutral link with suitable number of taps and screws. The distribution board shall be equipped with incoming and outgoing MCB's & Circuit identification tags/cable markers etc. The distribution board shall be as per relevant BS & local regulations, CEIG requirements . An extra link shall be provided inside the DB for earthing purpose. The rate for board shall include supply and installation of all components as described in each item., with GI doors such that MCB's are visible, hardwares, etc. including all connected civil works, equipped with the following. Suitable size GI adoptor box shall be provided above the DB location to terminate the incoming conduits to DB.	NA					-
				NA					-
			MCB ,RCCB Makes :Siemens/L & T / Schneider/Legrand	NA					-

248.a	24	Twenty Four numbers	Supply and fixing of 7 segment 12Way TPN DB Horizontal with IP 43 Protection as per IS 8623; IS 13032; IEC 61439-3 and also supply and fixing 1 no 63 A FPMCB as incomer, 3Nos 40 A 30mA RCCB as sub incomer and 36 Nos 6 tp 32 A SPMCB's as out going	NA	48561.68	Rupees Forty Eight Thousand Five Hundred Sixty One and Paise Sixty Eight Only	Each	11,65,480.32
			Incomer :	NA				-
			One No.63A, 4P, MCB "C" Curve	NA				-
			Outgoing :	NA				-
			3 Nos. 40A DP RCCBs of 30mA sensitivity	NA				-
			36 Nos. 6 to 32A SP MCBs of 10KA- ' B ' Curve	NA				-
248.b	8	Eight numbers	Supply and fixing of Flexy DB 4 row of 14 Horizontal with IP 43 Protection as per IS 8623; IS 13032; IEC 61439-3 and also supply and fixing 1 No 63A FPMCB as incomer, 3Nos 63 A D 30mA RCCB / as sub incomer,36 nos 6 to 32ANos SPMCB's and two nos 6 to 32A DP MCB's as out going	NA	39105.76	Rupees Thirty Nine Thousand One Hundred Five and Paise Seventy Six Only	Each	3,12,846.08
			Incomer :	NA				-
			One No.63A, 4P, MCB "B" Curve	NA				-
			Outgoing :	NA				-
			3 Nos. 63A DP RCCBs of 30mA sensitivity	NA				-
			36 Nos. 6 to 32A SP MCBs of 10KA- ' B ' Curve	NA				-
			2 Nos 6 to 32A DP MCBs of 10KA- ' B ' Curve	NA				-
			CABLES	NA				-
			LT POWER CABLES-XLPE INSULATED PVC INNER SHEATH	NA				-
249			Supply, laying, dressing, testing and commissioning of 1.1kV grade ,as per IS the following sizes of FRLS XLPE insulated PVC inner sheath,armoured cable with Al./Cu. conductor, with GI strip /wire armoured to be laid on wall / ceiling / tray cable rack with proper clamping, end terminations, jointing kits, cable identification tags etc.	NA				-
			Cables Make :Gloaster / R.R.Kable / Universal / KEI	NA				-
				NA				-
			Aluminium	NA				-
249.a	880	Eight Hundred Eighty Running meters	3.5Cx300 sqmm-Al	NA	2639.90	Rupees Two Thousand Six Hundred Thirty Nine and Paise Ninety Only	One Running meter	23,23,112.00
				NA				-

249.b	1097	One Thousand Ninety Seven Running meters	3.5Cx240 sqmm-AI	NA	2180.77	Rupees Two Thousand One Hundred Eighty and Paise Seventy Seven Only	One Running meter	23,92,304.69
				NA				-
249.c	1200	One Thousand Two Hundred Running meters	3.5Cx185 sqmm-AI	NA	1727.31	Rupees One Thousand Seven Hundred Twenty Seven and Paise Thirty One Only	One Running meter	20,72,772.00
				NA				-
249.d	580	Five Hundred Eighty	3.5Cx120 sqmm-AI	NA	1180.30	Rupees One Thousand One Hundred Eighty and Paise Thirty Only	One Running meter	6,84,574.00
				NA				-
249.e	543	Five Hundred Forty Three Running meters	3.5Cx95 sqmm-AL	NA	959.24	Rupees Nine Hundred Fifty Nine and Paise Twenty Four Only	One Running meter	5,20,867.32
				NA				-
249.f	273	Two Hundred Seventy Three	3.5Cx70 sqmm-AL	NA	778.99	Rupees Seven Hundred Seventy Eight and Paise Ninety Nine Only	One Running meter	2,12,664.27
				NA				-
249.g	498	Four Hundred Ninety Eight Running meters	3.5Cx50 sqmm-AL	NA	564.99	Rupees Five Hundred Sixty Four and Paise Ninety Nine Only	One Running meter	2,81,365.02
				NA				-
249.h	478	Four Hundred Seventy Eight Running meters	3.5Cx35 sqmm-AL	NA	432.35	Rupees Four Hundred Thirty Two and Paise Thirty Five Only	One Running meter	2,06,663.30

					NA				-
249.i	835	Eight Hundred Thirty Five Running meters	3.5Cx25 sqmm-AL		NA	354.13	Rupees Three Hundred Fifty Four and Paise Thirteen Only	One Running meter	2,95,698.55
					NA				-
			Copper cables		NA				-
			Cables Make :Gloaster / R.R.Kable / Universal / KEI		NA				-
249.j	2180	Two Thousand One Hundred Eighty Running meters	4Cx25 sqmm-Cu		NA	1893.63	Rupees One Thousand Eight Hundred Ninety Three and Paise Sixty Three Only	One Running meter	41,28,113.40
					NA				-
249.k	6000	Six Thousand Running meters	4Cx16 sqmm-Cu		NA	1189.63	Rupees One Thousand One Hundred Eighty Nine and Paise Sixty Three Only	One Running meter	71,37,780.00
					NA				-
249.l	2522	Two Thousand Five Hundred Twenty Two Running meters	4Cx10 sqmm-Cu		NA	724.83	Rupees Seven Hundred Twenty Four and Paise Eighty Three Only	One Running meter	18,28,021.26
					NA				-
249.m	130	One Hundred Thirty Running meters	4Cx6 sqmm-Cu		NA	491.30	Rupees Four Hundred Ninety One and Paise Thirty Only	One Running meter	63,869.00
					NA				-
249.n	130	One Hundred Thirty Running meters	4Cx4 sqmm-Cu		NA	350.73	Rupees Three Hundred Fifty and Paise Seventy Three Only	One Running meter	45,594.90
					NA				-

			CPS Cable for Earthing	NA					-
250			Supply of the following FRLS / FRLS-H / HFFR PVC insulated 1100V grade as per IS : 694 / 1990 specification for Copper cable	NA					-
250.a	1825	One Thousand Eight Hundred Twenty Five Running meters	1Cx6 sqmm-Cu (Y/G)	NA	105.23	Rupees One Hundred Five and Paise Twenty Three Only	One Running meter		1,92,044.75
				NA					-
250.b	6695	Six Thousand Six Hundred Ninety Five Running meters	1Cx4 sqmm-Cu (Y/G)	NA	75.92	Rupees Seventy Five and Paise Ninety Two Only	One Running meter		5,08,284.40
				NA					-
			LT POWER CABLES-END TERMINATION FOR XLPE INSULATED CABLE	NA					-
251			End termination for 1.1KV cables with double compression type cable gland and heavy duty Aluminium / tinned copper lugs. Rate shall be inclusive of all sundry materials like adhesive tape, PVC sleeves, bolts and nuts, washers etc. including plugging unused holes.	NA					-
			Makes: for LUGS and Glands :Dowels/Comet/Jainson/	NA					-
			Aluminium	NA					-
251.a	42	Forty Two Sets	3.5Cx300 sqmm-Al	NA	2469.09	Rupees Two Thousand Four Hundred Sixty Nine and Paise Nine Only	Each Set		1,03,701.78
				NA					-
251.b	32	Thirty Two Sets	3.5Cx240 sqmm-Al	NA	2057.57	Rupees Two Thousand Fifty Seven and Paise Fifty Seven Only	Each Set		65,842.24
				NA					-

251.c	102	One Hundred Two Sets	3.5Cx185 sqmm-AI	NA	1371.72	Rupees One Thousand Three Hundred Seventy One and Paise Seventy Two Only	Each Set	1,39,915.44
				NA				-
251.d	20	Twenty Sets	3.5Cx120 sqmm-AI	NA	1029.35	Rupees One Thousand Twenty Nine and Paise Thirty Five Only	Each Set	20,587.00
				NA				-
251.e	12	Twelve Sets	3.5Cx95 sqmm-AI	NA	817.36	Rupees Eight Hundred Seventeen and Paise Thirty Six Only	Each Set	9,808.32
				NA				-
251.f	10	Ten Sets	3.5Cx70 sqmm-AI	NA	713.07	Rupees Seven Hundred Thirteen and Paise Seven Only	Each Set	7,130.70
				NA				-
251.g	22	Twenty Two Sets	3.5Cx50 sqmm-AI	NA	480.67	Rupees Four Hundred Eighty and Paise Sixty Seven Only	Each Set	10,574.74
				NA				-
251.h	6	Six Sets	3.5Cx35 sqmm-AI	NA	411.51	Rupees Four Hundred Eleven and Paise Fifty One Only	Each Set	2,469.06
				NA				-
251.i	16	Sixteen Sets	3.5Cx25 sqmm-AI	NA	309.49	Rupees Three Hundred Nine and Paise Forty Nine Only	Each Set	4,951.84
				NA				-

			Copper cables	NA					-
251.j	140	One Hundred Forty Sets	4Cx25 sqmm-Cu	NA	154.18	Rupees One Hundred Fifty Four and Paise Eighteen Only	Each Set		21,585.20
				NA					-
251.k	270	Two Hundred Seventy Sets	Up to 4Cx16 sqmm-Cu	NA	113.37	Rupees One Hundred Thirteen and Paise Thirty Seven Only	Each Set		30,609.90
				NA					-
			CABLE TRAYS	NA					-
252			Supply,transportation & installation of following sizes of Hot Dipped Galvanized Iron ladder type 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 suspenders and etc., complete	NA					-
			Note:	NA					-
			2 R of 50x6mm GI. strip shall be welded or fixed with bolt nut for 600mm(W) and above size of cable tray.	NA					-
			2 R of 25x6mm GI. strip shall be welded or fixed with bolt nut for below 600mm (W) size of cable tray.	NA					-
			Make for Cable Trays:-	NA					-
252.a	37	Thirty Seven Running meters	450mm wide 50mm depth x 2mm	NA	932.99	Rupees Nine Hundred Thirty Two and Paise Ninety Nine Only	One Running meter		34,520.63
				NA					-
252.b	85	Eighty Five Running meters	600mm wide 75mm depth x 2mm	NA	1151.79	Rupees One Thousand One Hundred Fifty One and Paise Seventy Nine Only	One Running meter		97,902.15
				NA					-
				NA					-
252.c	65	Sixty Five Running meters	900mm wide 75mm depth x 2mm	NA	1296.90	Rupees One Thousand Two Hundred Ninety Six and Paise Ninety Only	One Running meter		84,298.50
				NA					-

252.d	2087	Two Thousand Eighty Seven Running meters	300mm wide 50mm depth x 2mm	NA	707.40	Rupees Seven Hundred Seven and Paise Forty Only	One Running meter	14,76,343.80
			Supply,transporatation & installation of following sizes of Hot Dipped Galvanized Iron perforated cable trays without cover, including horizontal and vertical bends, reducers tees,cross members and other accessories as required and duly suspended from the ceiling/Wall with suspenders etc., complete	NA				-
253	2323	Two Thousand Three Hundred Twenty Three Running meters	300mm wide 50mm depth x 2mm	NA	823.03	Rupees Eight Hundred Twenty Three and Paise Three Only	One Running meter	19,11,898.69
			EARTHIING	NA				-
254	40	Forty Numbers	Supply, laying and fixing of independent earthing with 40mm dia 'B' class GI pipe, 2.5 meter long providing GI funnels covered with mesh enclosed in CC chamber of size 600x600x600mm with suitable rainforced RCC slab with lifting arrangement cover painted and earthing details stencilled on cover with paint. The CI pipe shall be provided with staggered with 4 Nos. of 16mm dia holes fitted with bolts and nuts with 2Nos. washers and pipe body should be provided with 14 Nos. of 12mm dia holes in diagonally opposite directions throughout the length of pipe at equal distance.	NA	7976.88	Rupees Seven Thousand Nine Hundred Seventy Six and Paise Eighty Eight Only	Each	3,19,075.20
			The earth electrode shall be filled with Charcoal, Salt, Sand and Bentonite Powder 10kgs around 150mm from the bottom of the pipe to the bottom of CC chamber giving each connections with GI washers, nutbolts GI, compete with all required materials cost and labour charges and the earthing shall conform to IS 3043. Note: Necessary Meggar testing is to be done in the presence of the concerned Engineers, and the reading should be as per IE standards.	NA				-

255	38	Thirty Eight numbers	Providing earth electrode of low carbon steel rod, UL listed of 17.2 mm dia, 3 Mtr long, coated with copper of 254 microns thickness, CPRI tested for short time current withstand test of 25 kA, coating thickness, environmental test (Salt Mist Test), Bend test, Tensile strength, Yield / tensile ratio, Electrical Resistivity test, complete with clamps and 2 bags of Earthplus ULTRA high grade earthing compound IEC 62561-7 complaint Eco-friendly, Maintenance free, anti corrosive, lead-free, super conductive, mineral based high-grade earthing compound, to enhance soil conductivity. With resistance <0.20 ohms-meter, should be leak proof & sulphur free complete with earth inspection chamber of dimensions : Width : 320 mm x 320 mm, Height : 192 mm, Weight : 30 Kgs, Load bearing capacity :5000 Kgs	NA	13031.31	Rupees Thirteen Thousand Thirty One and Paise Thirty One Only	Each	4,95,189.78
256	12	Twelve numbers	Supply, laying and fixing of independent earthing with 600x600x3.15mm copper plate and with 40mm dia 'B' class GI pipe, 2.5 mtr long providing GI funnels covered with mesh enclosed in CC chamber of size 600x600x600mm with suitable rainforce cover RCC slab with lifting arrangement cover painted and earthing details stencilled on cover with paint. The GI pipe shall be provided with staggered holes of 16 No of 12mm dia. The earth electrode shall be filled with Charcoal, Salt, Sand and Bentonite Powder 10kgs around 150mm from the bottom of the pipe to the bottom of CC chamber giving each connections with Cu strip of 25x3 mm with providing suitable size 14 No holes with GI washers, nutbolts GI, compete with all required materials cost and labour charges, the earthing shall conform to IS 3043. Note: Necessary Meggar testing is to be done in the presence of the concerned Engineers, and the reading should be as per IE standards.	NA	19228.30	Rupees Nineteen Thousand Two Hundred Twenty Eight and Paise Thirty Only	Each	2,30,739.60
257			Earthing the installation with the following sizes of earth wires, strips. Rate shall be inclusive of spacer clamp for main earth flat, suitable clamping with M.S. flats for earth wires etc., including terminal crimping type lugs, bolts and washers ,etc. required to complete the job. Rate shall be inclusive of exothermic welding or proper proprietary clamps to be used (Earth bus etc.), Refer drawings for the same Rate shall be inclusive of cable strip/yellow green cables shall be run in cable tray with neatly tie in cable tray	NA				-

257.a	1350	One Thousand Three Hundred Fifty Running meters	No. 8 SWG Cu. Wire	NA	122.83	Rupees One Hundred Twenty Two and Paise Eighty Three Only	One Running meter	1,65,820.50
257.b	60	Sixty Running meters	50x6mm Cu strip	NA	2469.77	Rupees Two Thousand Four Hundred Sixty Nine and Paise Seventy Seven Only	One Running meter	1,48,186.20
257.c	350	Three Hundred Fifty Running meters	60x10mm Cu strip	NA	4567.02	Rupees Four Thousand Five Hundred Sixty Seven and Paise Two Only	One Running meter	15,98,457.00
257.d	400	Four Hundred Running meters	75x10mm Cu strip	NA	5700.37	Rupees Five Thousand Seven Hundred and Paise Thirty Seven Only	One Running meter	22,80,148.00
257.e	200	Two Hundred Running meters	50x10mm GI strip	NA	383.71	Rupees Three Hundred Eighty Three and Paise Seventy One Only	One Running meter	76,742.00
257.f	570	Five Hundred Seventy Running meters	50x6mm GI strip	NA	245.51	Rupees Two Hundred Forty Five and Paise Fifty One Only	One Running meter	1,39,940.70
257.g	100	One Hundred Running meters	25x3mm GI strip	NA	87.00	Rupees Eighty Seven Only	One Running meter	8,700.00
257.h	100	One Hundred Running meters	40x6mm GI strip	NA	202.53	Rupees Two Hundred Two and Paise Fifty Three Only	One Running meter	20,253.00
258			Lightning protection system for complete building	NA				-
			CONVENTIONAL METHOD	NA				-
			The Lightning Protection System specified herein, shall conform to BS 6651,	NA				-

			IS 2309	NA					-
			Air Termination	NA					-
			Supply, installation, testing and commissioning of air termination for collecting the lightning surges and discharging it safely to ground with conductors of CU strip securely fixed in the the building structure, and all roof conductors shall be secure with saddles at interval 1200mm.	NA					-
a	1500	One Thousand Five Hundred Running meters	25x3mm copper Strip	NA	643.06	Rupees Six Hundred Forty Three and Paise Six Only	One Running meter		9,64,590.00
			Down Conductors	NA					-
259			Supply, installation, testing and commissioning of down conductors for interconnection between roof conductors and the earth electrode. The rate shall include all works related to joints, bonds and necessary spacers and saddles for support (600 mm interval), including civil works.	NA					-
				NA					-
a	3500	Three Thousand Five Hundred Running meters	25x6mm copper Strip	NA	1251.97	Rupees One Thousand Two Hundred Fifty One and Paise Ninety Seven Only	One Running meter		43,81,895.00
b	500	Five Hundred Running meters	40x6sqmm copper Strip	NA	1860.87	Rupees One Thousand Eight Hundred Sixty and Paise Eighty Seven Only	One Running meter		9,30,435.00
			Test points	NA					-
260	38	Thirty Eight numbers	Supply, installation, testing and commissioning of Test Joint (Folding Clamp) suitable to connect 8mm round conductor and max by 30x3 mm GI strip as specified in drawing and directed by Engineer	NA	425.12	Rupees Four Hundred Twenty Five and Paise Twelve Only	Each		16,154.56
			Light fixture	NA					-

261	162	One Hundred Sixty Two numbers	Supply and fixing of 36W/40W (600mm x 600mm) square type LED Slim Panel Round /Square suitable for Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , operating voltage-Venture range-Venture of 150 to 265 Volts AC, P.F > 0.9, Surge-Venture protection: 2KV,THD<10%, with high power LED's having efficacy of > 100 lumens/watt,CCT: 3000K - 5700K, minimum CRI>70, .etc., complete. a) LUMINAIRE MAKE : Phillips / GE- Venture / Crompton / Wipro / Bajaj / Havells / Halonix/Jaquar/HPL/GM / GreenLites / Gold Medal/Eveready/ FortuneArrt/ Rhino/Panasonic b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Everlight.	NA	3702.50	Rupees Three Thousand Seven Hundred Two and Paise Fifty Only	Each	5,99,805.00
			Makes Phillips / GE / Crompton / Wipro / Bajaj	NA				-
				NA				-
262	864	Eight Hundred Sixty Four numbers	Supply and fixing of 18W heavy duty LED Down lighter, suitable for Recessed mounting made of pressure diecast aluminium body with powder coating, acrylic diffuser with Driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , operating voltage-Venture range-Venture of 150 to 265 Volts AC, P.F > 0.9, Surge-Venture protection: 2KV, THD<10% with high power LED's having efficacy of > 100 lumens / watt, CCT: 3000K - 5700K, minimum CRI > 70, Luminaire performance complies to IS 10322 (Part 5 / Sec-3) etc., complete a) LUMINAIRE MAKE : Phillips / GE-Venture / Crompton / Wipro / Bajaj / Havells / Halonix/Jaquar/HPL/GM / GreenLites / Gold Medal/Eveready/ FortuneArrt/ Rhino / Panasonic b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Everlight	NA	1642.66	Rupees One Thousand Six Hundred Forty Two and Paise Sixty Six Only	Each	14,19,258.24
				NA				-

263	1438	One Thousand Four Hundred Thirty Eight numbers	Supply and fixing of 18W LED Slim Panel Round /Square suitable for Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , operating voltaGE-Venture ranGE-Venture of 150 to 265 Volts AC, P.F > 0.9, SurGE-Venture protection: 2KV,THD<10%, with high power LED's having efficacy of > 100 lumins/watt,CCT: 3000K - 5700K, minimum CRI>70, .etc., complete. a) LUMINAIRE MAKE : Phillips / GE- Venture / Crompton / Wipro / Bajaj / Havells / Halonix/Jaquar/HPL/GM / GreenLites / Gold Medal/Eveready/ FortuneArrt/ Rhino/Panasonic b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Everlight.	NA	1199.40	Rupees One Thousand One Hundred Ninety Nine and Paise Forty Only	Each	17,24,737.20
				NA				-
264	80	Eighty numbers	Supply and fixing of 9W heavy duty LED Down lighter, suitable for Recessed mounting made of pressure diecast aluminium body with powder coating, acrylic diffuser with Driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , operating voltaGE-Venture ranGE-Venture of 150 to 265 Volts AC, P.F > 0.9, SurGE-Venture protection: 2KV, THD<10% with high power LED's having efficacy of > 100 lumins / watt, CCT: 3000K - 5700K, minimum CRI > 70, Luminaire performance complies to IS 10322 (Part 5 / Sec-3) etc., complete a) LUMINAIRE MAKE : Phillips / GE-Venture / Crompton / Wipro / Bajaj / Havells / Halonix/Jaquar/HPL/GM / GreenLites / Gold Medal/Eveready/ FortuneArrt/ Rhino/Panasonic b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Everlight	NA	990.81	Rupees Nine Hundred Ninety and Paise Eighty One Only	Each	79,264.80
				NA				-
265	410	Four Hundred Ten numbers	Supply and Transportation of 7W LED COB Spot Light, suitable for Recessed mounting made of diecast aluminium body with powder coating, with Driver, operating voltage range of 150 to 265 Volts AC, CCT: 3000K - 5700K, minimum CRI>70, .etc., complete a) LUMINAIRE MAKE : Phillips / GE-Venture / Crompton / Wipro / Bajaj/ Havells / Halonix/Jaquar/HPL/GM / GreenLites / Gold Medal/Eveready/ FortuneArrt/Panasonic b) LED MAKE : Bridge Lux / LUMILEDS / CREE / NICHIA / Epistar/ Sunpo	NA	1095.11	Rupees One Thousand Ninety Five and Paise Eleven Only	Each	4,48,995.10
				NA				-

266	201	Two Hundred One numbers	Supply and fixing of 24W heavy duty LED Down lighter, suitable for Recessed mounting made of pressure diecast aluminium body with powder coating, acrylic diffuser with Driver as per IS: 15885 (Part 2/ Sec 13) : 2012, operating voltage Venture range-Venture of 150 to 265 Volts AC, P.F > 0.9, Surge-Venture protection: 2KV, THD<10% with high power LED's having efficacy of > 100 lumens / watt, CCT: 3000K - 5700K, minimum CRI > 70, Luminaire performance complies to IS 10322 (Part 5 / Sec-3) etc., complete a) LUMINAIRE MAKE : Phillips / GE-Venture / Crompton / Wipro / Bajaj / Havells / Halonix/Jaquar/HPL/GM / GreenLites / Gold Medal/Eveready/ FortuneArrt/ Rhino/Panasonic b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Everlight	NA	1642.66	Rupees One Thousand Six Hundred Forty Two and Paise Sixty Six Only	Each	3,30,174.66
				NA				-
267	64	Sixty Four numbers	Supply and fixing of 20W, 2000 lumens T8, , not less than 1100 mmlength LED retrofit tube light with aluminium anodised body, input voltage AC 220 - 260 Volts with PF>0.9, Surge protection: 2KV,THD<10%, with inbuilt driver and frosted cover CCT: 3000K - 5700K, minimum CRI>70, .etc., complete. as per IS 10322 (Part 5/ Sec 1)..2012 a) LUMINAIRE MAKE : Phillips / GE- Venture / Crompton / Wipro / Bajaj / Havells / Halonix/Jaquar/HPL/GM / GreenLites / Gold Medal/Eveready// Rhino/Panasonic b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	NA	740.27	Rupees Seven Hundred Forty and Paise Twenty Seven Only	Each	47,377.28
				NA				-
268	36	Thirty Six numbers	Supply fixing of 20A SP Plug and Socket with 32 sp MCB in SS enclosure etc., as per IS 8623; IS 13032; IEC 61439-3. . Makes: legrand/Schnieder/L&T/Havells/Siemens	NA	2089.25	Rupees Two Thousand Eighty Nine and Paise Twenty Five Only	Each	75,213.00
				NA				-
269	24	Twenty Four numbers	Supply of 32A TP Plug and Socket with 32 TP MCB in SS enclosure etc., as per IS 8623; IS 13032; IEC 61439-3. . Makes: legrand/Schnieder/L&T/Havells/Siemens	NA	4490.39	Rupees Four Thousand Four Hundred Ninety and Paise Thirty Nine Only	Each	1,07,769.36
				NA				-

270			Supply installation Testing and commissioning of Following KVA on line UPS system as per IEC 62040-I(Safety) ,IEC 62040-3(Performance) for critical IT solutions ,fully digital IGBT Converter and Inverter ,with Internal /External isolation transformer from DC to AC, PWM, pure sine wave out put, double conversion ,output pf 0.9, with parallelling facility , standard communicaton features/options auto and manual static by pass switch three phase input / Three phase output. Accoustic level shall be less than 58dB at 1 mtr distance. Makes: Numeric/APC/ /Emerson	NA					-
				NA					-
a	2	Two numbers	30KVA 312/360V DC,	NA	404314.01	Rupees Four lakhs Four Thousand Three Hundred Fourteen and Paise One Only	Each		8,08,628.02
				NA					-
b	2	Two numbers	10KVA, 312/360V DC,	NA	242588.63	Rupees Two lakhs Forty Two Thousand Five Hundred Eighty Eight and Paise Sixty Three Only	Each		4,85,177.26
				NA					-
				NA					-
271	28	Twenty Eight numbers	Supply installation Testing and commissioning of 2.0 KVA, 72/96 V DC on line UPS system confirms to IS 16242(Part-I):2014 and IEC 60240-1 : 2008 with IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: Numeric/APC/ /Emerson	NA	35285.99	Rupees Thirty Five Thousand Two Hundred Eighty Five and Paise Ninety Nine Only	Each		9,88,007.72
				NA					-
272	60	Sixty numbers	Supply and fixing of 12V 100 AH SMF battery with 3 years warrenty including wire leads,connections etc complete., Makes :Exide/Racket /Quanta.	NA	13018.84	Rupees Thirteen Thousand Eighteen and Paise Eighty Four Only	Each		7,81,130.40
				NA					-

273	60	Sixty numbers	Supply and fixing of 12V 42 AH SMF battery with 3 years warrenty including wire leads,connections etc complete., Makes : Exide/Racket /Quanta.	NA	7107.99	Rupees Seven Thousand One Hundred Seven and Paise Ninety Nine Only	Each	4,26,479.40
				NA				-
274	224	Two Hundred Twenty Four numbers	Supply and fixing of 12V 26 AH SMF battery with 3 years Warrenty, including wire leads ,connections etc complete., Makes : Exide/Racket /Quanta.	NA	7107.99	Rupees Seven Thousand One Hundred Seven and Paise Ninety Nine Only	Each	15,92,189.76
				NA				-
275	28	Twenty Eight numbers	Supply and providing of battery rack for 5 to 10 batteries (42 AH)	NA	3741.05	Rupees Three Thousand Seven Hundred Forty One and Paise Five Only	Each	1,04,749.40
				NA				-
276	4	Four numbers	Supply and providing of battery rack upto 20 to 30 batteries (65 & 100 AH)	NA	11223.14	Rupees Eleven Thousand Two Hundred Twenty Three and Paise Fourteen Only	Each	44,892.56
				NA				-
			Tap-Off BOX	NA				-
277	18	Eighteen numbers	Supply and Fixing of 125Amps Tap off box for Air Insulated Busduct. Makes: Legrand (Zucchini) / C&S/Advance-Anant	NA	16011.67	Rupees Sixteen Thousand Eleven and Paise Sixty Seven Only	Each	2,88,210.06
				NA				-
278	36	Thirty Six numbers	Supply and Fixing of 250Amps Tap off box for Air Insulated Busduct. Makes: Legrand (Zucchini) / C&S/Advance-Anant	NA	18568.05	Rupees Eighteen Thousand Five Hundred Sixty Eight and Paise Five Only	Each	6,68,449.80

				NA					-
279	6	Six numbers	Supply and fixing of 4P Enclosure with 63/100A 4P MCCB 16 KA & IP 20 Protection etc., complete as per IS 8623; IS 13032; IEC 61439-3. Grade-I Makes: Legrand(Ekinox 3) / Schneider-A9/Hager - Novello+ / Seimens / Havells STADx / L&T-Newrange / Indo Asian-Opti Pro/ HPL (Techno).	NA	9391.12	Rupees Nine Thousand Three Hundred Ninety One and Paise Twelve Only	Each		56,346.72
				NA					-
280	6	Six numbers	Supply and fixing of 4P Enclosure with 125A 4P MCCB 25KA & IP 20 Protection etc., complete as per IS 8623; IS 13032; IEC 61439-3. Grade-I Makes: Legrand(Ekinox 3) / Schneider-A9 / Hager - Novello+ / Seimens / Havells STADx/L&T-Newrange / Indo Asian-Opti Pro/ HPL (Techno).	NA	11445.33	Rupees Eleven Thousand Four Hundred Forty Five and Paise Thirty Three Only	Each		68,671.98
			Total Electrical Items Amount						2238,37,892.08

Abstract

Civil work	17224,05,897.90
Water Supply & Sanitary	778,69,344.29
Fire Fighting	853,13,957.13
Electrical Work	2238,37,892.08
	21094,27,091.40

(Rupees Two hundred and ten crores thirty two lakhs Ninety nine thousand one hundred and fifty and Paise Seventy four only)

I/Sri/We/M/s. _____ do hereby express my/our willingness to execute the aforesaid work as per the conditions, standards specifications, rules, regulations, etc., stipulated in the tender schedules at an over all tender percentage.

Excess (+) in figures _____% in words _____ %

Less (-) in figures _____% in words _____ %

than the estimate value of contract

CONDITION : The contractor shall quote his over all tender percentage both in figures and words up to a maximum of two decimals. In case of any discrepancy between the percentage quoted in figures and words the percentage quoted in words shall prevail.

BOO - PART-II

Name of the Work: “CONSTRUCTION OF TUDA TOWERS AT NORTH-WEST CORNER OF ANNAMAIAH CIRCLE ABUTTING RC ROAD AND AIR BY-PASS ROAD IN TIRUPATI, TIRUPATI DISTRICT, ANDHRA PRADESH”

- 1) GST @18% : As Specified in Clause
 - 2) Seigniorage Charges : As per clause
 - 3) NAC @ 0.1% : 0.1%
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NOTE:

- 1) The rates mentioned in Bill of Quantities (Part-I) are including taxes if any, overhead charges and contractor's profit but excluding GST, seigniorage charges and NAC
- 2) As the overhead charges includes engaging technical persons by the contractor, no reimbursement for the personnel will be made separately.
- 3) If the contractor fails to employ technical persons, the work will be suspended or department will engage technical persons and recover the cost thereof from the contractor.
- 4) The Seigniorage charges are not included in the data part of estimate. The same is provided an L.S Provision in the general abstract of estimate and this component of seigniorage charges shall be shown in part -B. The Seigniorage charges shall be added in each bill of the contractor and the same will be recovered and paid to the Government.