

**PRICE BID (PART-II)**  
**BILL OF QUANTITIES**  
**(To be submitted online)**

**Subject: Construction of Hard Stand with Land Ties Brackets and Service Trench including allied Electrical works at Nhava Yard, MDL, Navi Mumbai.**

**Ref: MDL Tender No. 1900000182**

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
<b>A</b>	<b>CIVIL WORKS</b>				
<b>100</b>	<b>Earthwork</b>				
<b>10</b>	<b>Removing of WMM:</b> Dismantling of flexible pavement (bituminous, WBM and WMM courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre, as per direction of Engineer-in-charge. upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:	Cum	8756.28	422.94	37,03,381.06
<b>20</b>	<b>Earth work in excavation (all kind of soil):</b> by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	Cum	14235.80	236.77	33,70,610.37
<b>30</b>	<b>Earth work in excavation (soft rock)</b> by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	Cum	636.24	475.91	3,02,792.98
<b>40</b>	<b>Earth work in excavation (Hard rock (blasting prohibited))</b> by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	Cum	1585.00	1,364.87	21,63,318.95
<b>50</b>	<b>Reuseing of WMM-</b> mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader/ Paver on prepared surface and compacting with vibratory roller to achieve the desired density, complete as per clause 401 -- Plant Mix Method and Grading - I Material	Cum	6567.21	1,704.59	1,11,94,400.49
<b>60</b>	<b>Providing, laying, spreading and compacting WMM</b> graded stone aggregate (size range 53 mm to 0.075 mm ) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achievethe desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30	Cum	2750.22	3,063.37	84,24,941.44

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
70	<b>Providing and fixing steel anchor dowel bars</b> in open foundations including drilling holes 150 mm dia. in hard rock, providing and placing in position 32 mm dia. dowel bars 2.5m in hard rock and 1.2m above hard rock, effectively grouting the holes with cement & Cebex etc complete and specified as directed. (Grout shall be filled in the hole first and bars inserted and pressed in the drilled hole).	Nos	3608.00	4,475.00	1,61,45,800.00
	<b>Disposal of earth work outside NHY Premises</b>				-
80	<b>Disposal of Excavated Earthwork :</b> Disposal of Earth/building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved and Carriage of debris /Excavated materials from MDL NHY Premises to Navi Mumbai Municipality Dumping Ground	Cum	14235.80	606.20	86,29,741.96
90	<b>Disposal of Excavated Rock :</b> Disposal of Rock or similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved and Carriage of debris /Excavated materials from MDL NHY Premises to Navi Mumbai Municipality Dumping Ground	Cum	2221.24	969.94	21,54,469.53
					-
<b>200</b>	<b>Concrete work</b>				-
10	<b>PCC M15 :</b> Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete	Cum	4190.00	9,421.12	3,94,74,492.80
20	Providing and laying in position M30 ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.	Cum	2486.74	10,170.92	2,52,92,433.60

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
30	Providing and laying in situ cement concrete M -30 with tremix treatment for 425 mm thickness for Concrete Road is including laying plastic sheet for 125 micron thickness with groove cutting of 4 mm wide and 20 mm deep with necessary refilling with bitumen ( excluding reinforcement) with coarse and fine aggregate ( natural sand/ VSI grade finely washed crushed sand) etc. complete with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete.	Cum	14382.16	9,242.79	13,29,31,284.63
40	Providing and laying design mix cement concrete of M-30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately). Cement concrete manufactured in automatic batching plant (RMC plant) i/c transportation to site in transit mixer	Cum	977.99	11,532.32	1,12,78,493.64
50	Providing and broadcasting Nitoflor Hardtop, Non-metallic, monolithic surface hardening compound containing rust free, hardwearing aggregates to all concrete floors which cures monolithically to provide a dense, non-porous surface which is extremely hardwearing and abrasion resistant. Nitoflor Hardtop Standard shall be evenly broadcasted at correct time while concrete is having adequate moisture to absorb floor hardener at application rate of 7 kg/Sqm etc, complete as directed by engineer in charge.	Sqm	33840.37	726.00	2,45,68,108.62

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
60	Providing water proofing treatment to existing RCC overhead tank, basements, lift-pits and other underground structures. The treatment shall be done by giving INJECTIONS wherever necessary with waterproofing compound and cement solution as per tenderer's specifications into the floor & walls upto the full height of structures. All inherent holes, cavities, voids & honeycomb shall be filled up to make the structure consistent, homogenous resistant to water breakages, seepage, dampness and moisture etc. The floor shall then be treated with waterproofing metal coba of 30 mm to 35 mm thick in 1:4 C.S. mortar and walls with first coat of waterproofing plaster as per tenderer's specifications. Finally both floor and walls shall be finished smooth with jointless waterproofing plaster 1:3 C.S. 12 mm to 15 mm thick with water proofing materials as per tenderer's specifications in cement or finished rough to receive tile pavement or dado. The thickness of the treatment shall not be less than 50 mm to 60 mm for floors and 25 mm for walls. (The actual area of the floor & walls will be paid for).	Sqm	6933.86	1,705.54	1,18,25,975.58
70	Providing and applying 2.5 mm thick road marking strips (retroreflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-	Sqm	157.67	718.91	1,13,350.54
80	Supplying, laying, jointing & testing UPVC Drainage class pipes of FoamcoreAstral(SN 8) or equivalent make in solvent cement joint including leveling with cutting the pipe to required length, roughining of pipe at wall joint including socket as directed: 200 mm pipe	RMT	16.00	2,770.84	44,333.44
					-
<b>300</b>	<b>Steel work</b>				-
10	Providing and fixing Structural Steel in position (MS angles, rolled steel beams, joists and stanchions, square/ rectangle sections, MS plates, Lugs etc.) including all labour and material in hoisting, fixing bolts and nuts or by welding etc. complete as directed by Engg-in-Charge, including finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate zink priming coat, preparation of surface, etc. complete. Jindal,TATA, sail, Vizag or equivalent <b>For inserts including Hold fasts (angles, plates etc)</b>	MT	515.69	1,17,419.85	6,05,52,242.45

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
20	Supplying and fixing in position Heavy duty Grating of required sizes, thickness and shapes of (MS angles, rolled steel beams, joists and stanchions, square/ rectangle sections, MS plates, Lugs etc.) as per the architectural drawings. Quoted rate shall be inclusive of fabricating, welding, handling, cutting & welding, loading/ unloading, transportation, including fixing frame in the concrete. including finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete as per Drawing.	MT	562.08	1,83,864.41	10,33,46,507.57
30	Providing and fixing in position HCRM / CRS (Corrosion Resistant Steel) bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	MT	1470.00	99,784.16	14,66,82,715.20
400	<b>Shuttering</b>				-
10	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	Sqm	9952.99	354.90	35,32,316.15
					-
500	<b>Miscellaneous</b>				-
10	Providing and laying weep holes of 100mm diameter PVC pipes as per drawing for abutment returns, return walls etc. Complete.	RMT	532.00	564.98	3,00,569.36
					-
20	Providing expansion joints with 25mm thick bituminous pad as per detailed drawings etc. complete.	Sqm	243.69	1,151.16	2,80,526.18
					-
30	Providing and filling joint sealing compound with coarse sand and 6% bitumen by weight as per drawings and technical specifications etc. complete.	Rmt	1855.88	48.76	90,492.71
					-
40	Providing and fixing in position TMT FE 500, 32 mm dia dowel bars precoated with anticorrosive epoxy paint of required Dia. 60 cms. Long and at 30.00 cm. C/C and wherever directed including handling, straightening, necessary cutting supported by TMT FE 500, chairs with proper alignment by using properly designed assembly of Bulkheads lubricating half length with bituminous paint as	No	994.00	570.28	5,66,858.32
					-
50	Providing and fixing the Mechanical Anchor Fasteners as specified below of Hilti Make or equivalent confirming to IS 1367 (Part 3) at required locations and level including drilling the hole, cleaning and anchoring the bolt as per manufacturers specifications etc. complete as directed by Engineer In Charge. <b>M20</b>	No	1060.00	128.26	1,35,955.60

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
<b>CIVIL WORKS TOTAL</b>					<b>61,71,06,113.17</b>
<b>B</b>	<b>ELECTRICAL WORKS</b>				
<b>600</b>	<b>Transformer</b>				
10	Supplying, installing, testing & commissioning 250KVA, Three Phase, 415/190 V, 50 Hz, AC Air-Cooled Varnish Impregnated, Step Down Isolation Transformer, suitable for indoor use in a maximum ambient temperature of 45 Deg. C.	M	1.00	5,50,000.00	5,50,000.00
20	Making transformer plinth (1.5 x 1.5 x 1.5) m in size with necessary excavation in ground with 150 mm. thick M- 10 PCC at the bottom and top and 250 mm. thick, burnt brick wall constructed at periphery and remaining hollow portion shall be filled with 40mm hard broken aggregate. External surface duly plastered by 12 mm thick including watering etc complete.	Each	1.00	14,302.00	14,302.00
<b>700</b>	<b>Cables</b>				-
10	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 240 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	M	450.00	1,369.00	6,16,050.00
20	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 185 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	M	11200.00	1,093.00	1,22,41,600.00
30	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 300 sq. mm. copper conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	M	500.00	16,415.00	82,07,500.00
40	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 95 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	M	3750.00	606.00	22,72,500.00
<b>800</b>	<b>Earthing</b>				-
10	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm complete with all materials, testing & recording the results as per specification no. EA-EP	Each	10.00	4,714.00	47,140.00

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
20	Providing earthing with copper earth plate size 30 x 30 x 0.315 cm complete with all materials, testing & recording the results as per specification no. EA-EP	Each	2.00	6,486.00	12,972.00
30	Supplying and erecting GI strip of required size used for earthing on wall and/or any other purpose with necessary GI clamps fixed on wall painted with bituminous paint in an approved manner with joints required. As per specification no EA-EP.	Kg	1560.00	222.00	3,46,320.00
40	Supplying and erecting copper strip of high purity required size used for earthing on wall and/or any other purpose with necessary copper clamps fixed on wall painted with bituminous paint with joints required. As per specification no. EAEP.	Kg	64.00	883.00	56,512.00
50	Supplying and erecting GI earth wire of high purity of different sizes used for earthing or any other purposes on wall with necessary G. I. Clamps fixed on wall/cable/ conduit with screws in an approved manner.	Kg	4.72	155.00	731.60
<b>900</b>	<b>Safety Accessories</b>				-
10	Providing printed instruction chart for treating persons suffering from electric shock, printed in English & Marathi and duly laminated complete.	Each	10.00	151.00	1,510.00
20	Supplying and fixing PVC synthetic elastomer electrically insulating mat with class B insulation conforming to IS: 15652 – 2006 having 2.5 mm thickness up to 11 Kv	Sq.m	4.00	5,874.00	23,496.00
30	Supplying and fixing PVC synthetic elastomer electrically insulating mat with class A insulation conforming to IS: 15652 – 2006 having 2 mm thickness up to 3.3 kV	Sq.m	2.00	5,131.00	10,262.00
40	Providing pair of duly tested rubber hand gloves as per IS :47705 suitable for working up to 22 kV supply complete.	Each	1.00	681.00	681.00
50	Supplying standard first aid box with necessary antiseptic cream, medicine for use on wounds due burn, crepe bandage, gauge bandage, medicated ready to use bandage (Band-Aid) adhesive tape for medicinal use, scissors, anti-septic solution,etc. (All above contents shall be of standard makes)	Each	1.00	888.00	888.00
60	Supplying & erecting Carbon Dioxide (CO2) fire extinguisher of 4.5 kg. capacity cartridge type conform to IS 2878 /15683 complete erected with necessary clamp made from 50 x 6 mm. M. S. flat with nut & bolts routed in wall complete.	Each	2.00	9,902.00	19,804.00
70	Supplying shock proof leather safety shoes of electrical grade of standard size as IS :11226, 14544 duly tested, with necessary test certificate from manufacturer.	Per Pair	1.00	2,121.00	2,121.00
<b>1000</b>	<b>Panels</b>				-

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
10	<p><b>Main ISOLATOR Panel</b> ISOLATION PANEL (As Mentioned in Tender Specifications &amp; Master SLD.) Design,fabrication,assembling,supply,installation,testing and commissioning of cubicle type LT panels suitable for 415 V 3 phase ,4 wire 50 Hz AC supply system fabricated in compartmentised design with Stainless Steel -304 sheet ,IP 42 and covers,3 mm thick for gland plates i/c cleaning and finishing complete 9 tank process for powder coating in approved shade RAL 7032, extendable type TPN aluminium alloy busbars of high conductivity,DMC/SMC busbar supports,with bottom base channel of MS section not less than 75mm X 50 mm X 5 mm thick,entire panel shall have a common copper earthbar of required size at the rear with 2 nos earth studs,solid connection from main busbar to switchgears with require size of aluminium busbar &amp; control wiring with 2.5sqmm FRLS insulated copper conductor cable ,cable alleys ,cable gland plates i/c accessories as per specification and providing switchgears, metering instruments etc. for follwing panels INCOMER: 1 No - 800A FP MP based MCCB of fault breaking capacity 50 KA (Ics=Icu=100% upto 415 V) with R-Y-B &amp; On/off/trip lamps, ammeter, voltmeter &amp; multifunction meter. BUSBAR: 800A, 50kA FP Aluminium Busbar with heat shrinkable Sleeves with copper earth bus bar.</p>	Each	1	5,09,308.60	5,09,308.60
20	<p><b>Main PCC Panel (1 &amp; 2)</b> PCC PANEL (1 &amp; 2) (As Mentioned in Tender Specifications &amp; Master SLD.) Design,fabrication,assembling,supply,installation,testing and commissioning of cubicle type LT panels suitable for 415 V 3 phase ,4 wire 50 Hz AC supply system fabricated in compartmentised design with Stainless Steel -304 sheet ,IP 42 and covers,3 mm thick for gland plates i/c cleaning and finishing complete 9 tank process for powder coating in approved shade RAL 7032, extendable type TPN aluminium alloy busbars of high conductivity,DMC/SMC busbar supports,with bottom base channel of MS section not less than 75mm X 50 mm X 5 mm thick,entire panel shall have a common copper earthbar of required size at the rear with 2 nos earth studs,solid connection from main busbar to switchgears with require size of aluminium busbar &amp; control wiring with 2.5sqmm FRLS insulated copper conductor cable ,cable alleys ,cable gland plates i/c accessories as per specification and providing switchgears, metering instruments etc. INCOMER: 1 No - 800A FP MP based ACB of fault breaking capacity 50 KA (Ics=Icu=100% upto 415 V) with R-Y-B &amp; On/off/trip lamps, ammeter, voltmeter &amp; multifunction meter. BUSBAR: 800A, 50kA FP Aluminium Busbar with heat shrinkable Sleeves with copper earth bus bar. OUTGOING: (36kA Ics=Icu=100% upto 433V) with</p>	Each	2	5,96,028.20	11,92,056.40



Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
30	<p><b>POWER Panels (OUTDOOR TYPE)</b>  POWER PANEL (As Mentioned in Tender Specifications &amp; Master SLD.)  Design,fabrication,assembling,supply,installation,testing and commissioning of outdoor type cubicle type LT panels suitable for 415 V 3 phase ,4 wire 50 Hz AC supply system fabricated in compartmentised design with Stainless Steel - 304 sheet ,IP 67 and covers,3 mm thick for gland plates i/c cleaning and finishing complete 9 tank process for powder coating in approved shade RAL 7032, extendable type TPN aluminium alloy busbars of high conductivity,DMC/SMC busbar supports,with bottom base channel of MS section not less than 75mm X 50 mm X 5 mm thick,entire panel shall have a common copper earthbar of required size at the rear with 2 nos earth studs,solid connection from main busbar to switchgears with require size of aluminium busbar &amp; control wiring with 2.5sqmm FRLS insulated copper conductor cable ,cable alleys ,cable gland plates i/c accessories as per specification and providing switchgears, metering instruments etc.  INCOMER: 1 No - 630A FP MP based MCCB of fault breaking capacity 36 KA (Ics=Icu=100% upto 415 V) with R-Y-B &amp; On/off/trip lamps, ammeter, voltmeter &amp; multifunction meter.  BUSBAR: 630A, 36kA FP Aluminium Busbar with heat shrinkable Sleeves with copper earth bus bar.</p>	Each	16	2,17,341.40	34,77,462.40
40	<p><b>ISOLATION TRANSFORMER Panels</b>  POWER PANEL (As Mentioned in Tender Specifications &amp; Master SLD.)  INCOMER: 1 No - 800A FP MP based MCCB of fault breaking capacity 50 KA (Ics=Icu=100% upto 415 V) with R-Y-B &amp; On/off/trip lamps, ammeter, voltmeter &amp; multifunction meter.  BUSBAR: 800A, 50kA FP Aluminium Busbar with heat shrinkable Sleeves with copper earth bus bar.  OUTGOING: (50kA Ics=Icu=100% upto 433V) with on/off/trip indication lamps &amp; multifunction meter  18 No : 160Amps FP MCCB, 25kA with E/F protection</p>	Each	1	5,33,921.20	5,33,921.20
<b>1100</b>	<b>Isolators</b>				-
10	<p>Providing &amp; erecting 4 Pole MCCB 415V, 630A, rated short-circuit breaking capacity 36 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation o shunt/ UV/ trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure /panel as per specification no. SW-SWR/MCCB  Note:- For use of 4 pole MCCBs in place of 3 pole MCCBs add 20% in rate of 3 pole MCCB.</p>	Each	6.00	30,392.40	1,82,354.40
20	<p>Supplying and erecting SS enclosure for MCCB suitable for above 250 A up to 800A MCCB.</p>	Each	6.00	6,534.00	39,204.00

Item No.	Item Description.	Unit	Qty	Rate (Rs.)	Amount (Rs.)
<b>1200</b>	<b>Portable Lights</b>				-
<b>10</b>	Supplying and erecting integrated LED flood light fitting Max. 195W IP65 & IK07 class having pressure die-cast aluminium housing, having system lumens output of Min. 23400 Lumens, min. efficacy of 120 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.90, operating range of 140-270V, inbuilt surge protection of 4 kV, Life class of 50,000 Hrs. at L70B50, including driver with U shaped bracket with 3 Years warranty as per specification No FG-ODF/FLS2.	Each	24.00	15,846.00	3,80,304.00
<b>20</b>	Supplying, installing, testing & commissioning of 6 meter portable type light fixture stainless steel rod stand including brackets (SS-304) suitable for installation of min 2 nos of LED Flood lights & shall be adjustable type at various required length.	Each	8.00	5,000.00	40,000.00
<b>30</b>	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3 core 2.5 sq. mm. copper conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU.	M	800.00	173.00	1,38,400.00
				<b>ELECTRICAL WORKS TOTAL</b>	<b>3,09,17,400.60</b>
				<b>TOTAL A+ B (CIVIL+ELECTRICAL)</b>	<b>64,80,23,513.77</b>
				<b>TOTAL A+B INCLUDING 18% GST</b>	<b>76,46,67,746.24</b>