

Tender Inviting Authority: NATIONAL FERTILIZERS LIMITED, Bathinda

Name of Work: Miscellaneous Electrical jobs on ARC basis in factory and Township at NFL Bathinda.

NIT No: NFB/E-362/ARC/2024-25 Dated 26.02.2024

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	12	13	53	55
1.00	Laying of 11/3.3 KV PVC/ XLPE/ PILC cable in trays, structures, pipes, and trenches etc. Of any size.	1645.000	MR	INR		0.00	INR Zero Only
2.00	Laying of LT PVC/ XLPE cables in trays, structures, pipes, trenches etc. of following sizes:						
2.01	Cable up to & including 3/4x25mm2,Control cables & Telephone Cables of all sizes with clamping etc.	1547.00	MR	INR		0.00	INR Zero Only
2.02	-Do- but without clamping	8000.00	MR	INR		0.00	INR Zero Only
2.03	Same as 2.00 but above 3/4x25mm2 & upto 3/3.5x70mm2 with clamping etc.	250.00	MR	INR		0.00	INR Zero Only
2.04	-Do- but without clamping etc.	200.00	MR	INR		0.00	INR Zero Only
2.05	Same as 2.00 but above 3/3.5x70mm2 & upto 3/3.5x185mm2 with clamping etc.	250.00	MR	INR		0.00	INR Zero Only
2.06	-Do- but without clamping etc.	1500.00	MR	INR		0.00	INR Zero Only
2.07	Same as 2.00 but above 3/3.5x185mm2 & upto 3/3.5x400mm2 with clamping.	250.00	MR	INR		0.00	INR Zero Only
2.08	-Do- but without clamping etc.	3080.00	MR	INR		0.00	INR Zero Only
3.00	Laying of 11/3.3 KV PVC/ PILC/ XLPE armoured power cable under the ground including supply of bricks and sand.	250.00	MR	INR		0.00	INR Zero Only
3.01	Making of straight through joint of 11/ 3.3 KV PVC/ PILC/ XLPE armoured power cable of any size with Heat Shrinkable Jointing Kit	2.00	Nos	INR		0.00	INR Zero Only
3.02	Making of End Termination Joint (INDOOR) of 11/ 3.3 KV PVC/ PILC/ XLPE armoured power cable of any size with Heat Shrinkable Jointing Kit	30.00	Nos	INR		0.00	INR Zero Only
3.03	Making of straight through joint of LT armoured Power Cable of size 120 Sq.mm to 240 Sq.mm with Heat Shrinkable Jointing Kit.	4.00	Nos	INR		0.00	INR Zero Only
4.00	Laying of 1.1 KV PVC/ XLPE armoured power cable under the ground including supply of bricks and sand if required.						
4.01	Cable up to & including 3/4x25mm2,Telephone cable/control cable of any size.	1128.00	MR	INR		0.00	INR Zero Only
4.02	-Do- but successive cable.	46.00	MR	INR		0.00	INR Zero Only
4.03	Above 3/3.5x25 mm2 to & including 3/3.5x70mm2	136.00	MR	INR		0.00	INR Zero Only
4.04	-Do- but successive cable.	19.00	MR	INR		0.00	INR Zero Only
4.05	Above 3/3.5x70 mm2 to & including 3/3.5x185mm2	250.00	MR	INR		0.00	INR Zero Only
4.06	-Do- but successive cable.	20.00	MR	INR		0.00	INR Zero Only
4.07	Above 3/3.5x185 mm2 to & including 3/3.5x400mm2	2620.00	MR	INR		0.00	INR Zero Only
4.08	-Do- but successive cable.	10.00	MR	INR		0.00	INR Zero Only
5.00	Removing of 1.1KV/3.3KV/11KV PVC/PILC/XLPE underground cable of Size:						
5.01	Up to & including 3/3.5x70mm2, Control Cable/ Telephone cable of any size	100.00	MR	INR		0.00	INR Zero Only
5.02	-Do- but successive cables.	10.00	MR	INR		0.00	INR Zero Only
5.03	All sizes Above 3/3.5x70mm2	30.00	MR	INR		0.00	INR Zero Only
5.04	-Do- but successive cables.	10.00	MR	INR		0.00	INR Zero Only
6.00	Removing of 1.1KV/3.3KV/11KV PVC/PILC/XLPE cable from trenches,tray,pipes,or structure.						
6.01	Cables up to & including 3/4x70mm2, Control / Telephone cable of any size	2000.00	MR	INR		0.00	INR Zero Only
6.02	Cables of all sizes above 3/3.5x70mm2	500.00	MR	INR		0.00	INR Zero Only
7.00	Removing of 1.1KV/ 3.3KV/ 11KV underground cable and laying of new or existing cable in its place including supply of bricks and sand if required						
7.01	Cable up to & including 3/3.5x70mm2, Control / Telephone cable of any size	112.00	MR	INR		0.00	INR Zero Only
7.02	-Do- but successive cables.	30.00	MR	INR		0.00	INR Zero Only
7.03	Cables of all sizes Above 3/3.5x70mm2	47.00	MR	INR		0.00	INR Zero Only
7.04	-Do- but successive cables.	5.00	MR	INR		0.00	INR Zero Only
8.00	Pulling of cable in trench / pipe/ tray etc.to bring out margin at the end for its retermination:-						
8.01	Pulling up to length of 25 MR for cable size up to 3/3.5x70mm2, Control Cable/ Telephone Cable of any size	86.00	NO	INR		0.00	INR Zero Only
8.02	Pulling up to length of 25 MR for cable size above 3.5x70mm2 & up to 3/3.5x185mm2.	20.00	NO	INR		0.00	INR Zero Only
8.03	Do- but for cable size above 3x3.5 x185mm2 and up to 3/3.5x400mm2.	1.00	NO	INR		0.00	INR Zero Only
8.04	Pulling up to a length of 50 M for cable size up to 3.5x70mm2	1.00	NO	INR		0.00	INR Zero Only
8.05	Pulling up to a length of 50 M for cable size above 3.5x70mm2 & up to 3.5x185mm2	2.00	NO	INR		0.00	INR Zero Only
8.06	Pulling up to a length of 50 M for cable size above 3.5x185mm2 & up to 3.5x400mm2	1.00	NO	INR		0.00	INR Zero Only
8.07	Pulling up to a length of 150 M for cable size up to 3.5x70mm2	1.00	NO	INR		0.00	INR Zero Only

8.08	Pulling up to a length of 150 M for cable size above 3.5x70mm2 & up to 3.5x185mm2	1.00	NO	INR		0.00	INR Zero Only
8.09	Pulling up to a length of 150 M for cable size above 3.5x185mm2 & up to 3.5x400mm2	2.00	NO	INR		0.00	INR Zero Only
9.00	Tracing of cables armoured/ unarmoured, power/ control/ telephone, HT/LT of following sizes laid on vertical and horizontal cable trays up to length of 50 meters or part thereof						
9.01	Cables up to size of 3.5x70 mm2 and control cable up to 24 cores/Telephone cable up to 100 pairs	140.00	NO	INR		0.00	INR Zero Only
9.02	Cables above 3.5x70mm 2 and up to 3.5x185 mm2 / Telephone Cable above 100 Pairs.	8.00	NO	INR		0.00	INR Zero Only
9.03	Cables above 3.5x185 mm2 and up to 3.5x400 mm2	5.00	NO	INR		0.00	INR Zero Only
10.00	MCB Erection, Testing and Commissioning of following sizes of lighting DBs/ MCB boxes						
10.01	3 phase lighting DB of any number of outlets	1.00	NO	INR		0.00	INR Zero Only
10.02	Single phase lighting DB	1.00	NO	INR		0.00	INR Zero Only
10.03	MCB box with 3 phase MCB/3 phase power plug	7.00	NO	INR		0.00	INR Zero Only
10.04	MCB box with 2 pole MCB	3.00	NO	INR		0.00	INR Zero Only
10.05	MCB box with single pole MCB/single phase power plug	19.00	NO	INR		0.00	INR Zero Only
11.00	Removal of following lighting DBs / MCB boxes etc.						
11.01	3 phase lighting DB of any number of outlets	1.00	NO	INR		0.00	INR Zero Only
11.02	Single phase lighting DB	1.00	NO	INR		0.00	INR Zero Only
11.03	MCB box with 3 phase MCB/3 phase power plug	1.00	NO	INR		0.00	INR Zero Only
11.04	MCB box with 2 pole MCB	1.00	NO	INR		0.00	INR Zero Only
11.05	MCB box with single pole MCB/single phase power plug	8.00	NO	INR		0.00	INR Zero Only
12.00	Replacement of single/ double/ triple pole MCB/ Plug sockets as under:						
12.01	Single pole MCB/ Single phase power plug	83.00	NO	INR		0.00	INR Zero Only
12.02	Double pole MCB	24.00	NO	INR		0.00	INR Zero Only
12.03	Triple/four pole MCB/3 phase plug socket	10.00	NO	INR		0.00	INR Zero Only
12.04	3 phase lighting DB of any number of outlets	1.00	NO	INR		0.00	INR Zero Only
12.05	MCB box with single pole MCB/power plug	2.00	NO	INR		0.00	INR Zero Only
13.00	Writing of Identification name/ number on electrical equipments with red/white colour paint of size						
13.01	i) Letter up to and including 1" height	200.00	NO	INR		0.00	INR Zero Only
13.02	ii) Letter above 1" but up to and including 2"	143.00	NO	INR		0.00	INR Zero Only
13.03	iii) Letter above 2" but up to and including 4"	57.00	NO	INR		0.00	INR Zero Only
13.04	iv) Letter above 4" but up to and including 8"	5.00	NO	INR		0.00	INR Zero Only
13.05	Painting of any surface of Electrical equipments.(One coat of Primer & two coats of finished enameled synthetic paint)	25.00	M2	INR		0.00	INR Zero Only
14.00	Transportation of material/ equipment from one plant to another or from main stores to any plant / electrical workshop excluding supply of any material or transport.						
14.01	HT/LT Motors up to 3.7 KW rating.	47.00	NO	INR		0.00	INR Zero Only
14.02	-Do- but above 3.7 & up to 11 KW rating.	29.00	NO	INR		0.00	INR Zero Only
14.03	-Do- but above 11 KW & up to 37 KW rating.	25.00	NO	INR		0.00	INR Zero Only
14.04	-Do- but above 37 KW & up to 75 KW rating.	23.00	NO	INR		0.00	INR Zero Only
14.05	-Do- but above 75 KW & up to 125 KW rating.	6.00	NO	INR		0.00	INR Zero Only
14.06	-Do- but above 125 KW & up to 220 KW rating.	8.00	NO	INR		0.00	INR Zero Only
14.07	-Do- but above 220 KW & up to 480 KW rating.	1.00	NO	INR		0.00	INR Zero Only
14.08	-Do- but above 480 KW & up to 990 KW rating.	1.00	NO	INR		0.00	INR Zero Only
14.09	Any material weighing more than 100 Kgs. But up to 250 Kgs.	52.00	NO	INR		0.00	INR Zero Only
14.10	Any material weighing more than 250 Kgs.	13.00	NO	INR		0.00	INR Zero Only
15.00	WORKSHOP Making formers of wood of different sizes for making coils for motors	1.00	NO	INR		0.00	INR Zero Only
16.00	MRS & CPP SWITCHYARD Cleaning including uprooting of wild growth grass/rank vegetation/ bushes from 132 KV Switch Yard as per instructions of Engineer-in-charge of the following areas:						
16.01	In MRS approx. area 14500 Sq. Meter.	4.00	NO	INR		0.00	INR Zero Only
16.02	In CPP approx. area 1900 Sq. Meter.	4.00	NO	INR		0.00	INR Zero Only
16.10	Excavation of pebbles including uprooting of vegetation, bushes, washing of pebbles, stacking of serviceable pebbles after washing, disposable of unserviceable pebbles, malba, waste materials from transformer bays, spreading of serviceable pebbles and levelling						
16.11	In Ammonia Plant approx. pebbled area 26.5 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.12	In Ammonia Plant approx. pebbled area 31Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.13	In Urea Plant approx. pebbled area 26.5 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.14	In Urea Plant approx. pebbled area 31 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.15	In DM Plant approx. pebbled area 26 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.16	In SGP approx. pebbled area 21 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.17	In CPP approx. pebbled area 43 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.18	In CHP approx. pebbled area 26.5 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.19	In RWFP approx. pebbled area 26.5 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.20	In Auxiliary Sub Station approx. pebbled area 45 Sq. Meter.	2.00	NO	INR		0.00	INR Zero Only
16.21	In Ammonia Plant DG Set Yard pebbled area 136.32 Sq. Mr.	2.00	NO	INR		0.00	INR Zero Only
16.22	In Ammonia Plant 6.3 MVA T/F Yard pebbled area 80.64 Sq. Mr.	2.00	NO	INR		0.00	INR Zero Only
16.23	In Ammonia Plant 2 MVA T/F Yard pebbled area 148 Sq. Mr.	2.00	NO	INR		0.00	INR Zero Only
17.00	TELEPHONE Erection Testing and Commissioning of Telephone DBs of following sizes						
17.01	Telephone DB up to 10 pairs	2.00	NO	INR		0.00	INR Zero Only

17.02	Telephone DB above 10 pairs and up to 50 pairs	1.00	NO	INR		0.00	INR Zero Only
17.03	Telephone DB above 50 pairs	2.00	NO	INR		0.00	INR Zero Only
18.00	Dismantling of telephone DBs of following sizes						
18.01	Telephone DB up to 10 pairs	2.00	NO	INR		0.00	INR Zero Only
18.02	Telephone DB above 10 pairs and up to 50 pairs	2.00	NO	INR		0.00	INR Zero Only
18.03	Telephone DB above 50 pairs	1.00	NO	INR		0.00	INR Zero Only
19.00	Replacement of telephone DBs of following sizes						
19.01	Telephone DB up to 10 pairs	1.00	NO	INR		0.00	INR Zero Only
19.02	Telephone DB above 10 pairs and up to 50 pairs	1.00	NO	INR		0.00	INR Zero Only
19.03	Telephone DB above 50 pairs	1.00	NO	INR		0.00	INR Zero Only
20.00	Laying, termination & comm. Of telephone cables in existing conduit/ batten/ casing capping up to 5 pairs. Dismantling & relaying if required also included.	15.00	MR	INR		0.00	INR Zero Only
21.00	Replacement of telephone socket / plug top/ ceiling rose etc.	13.00	NO	INR		0.00	INR Zero Only
22.00	Erection & commissioning of telephone socket / ceiling rose on new switch board	11.00	NO	INR		0.00	INR Zero Only
23.00	General maintenance including checking of incoming/ outgoing cables/ wires connections & proper sealing of telephone DBs of size:						
23.01	Up to 10 pairs.	42.00	NO	INR		0.00	INR Zero Only
23.02	Above 10 pairs up to 50 pairs.	23.00	NO	INR		0.00	INR Zero Only
23.03	Above 50 pairs up to 200 pairs.	10.00	NO	INR		0.00	INR Zero Only
23.04	Above 200 pairs.	10.00	NO	INR		0.00	INR Zero Only
24.00	OVERHEAD LINES Installation of single ACSR conductor squirrel/ panther/ ferret/ dog on existing poles including binding, stringing etc. per span of 60 MR maximum.	1.00	NO	INR		0.00	INR Zero Only
25.00	Installation of GI stay wire set 7x8 SWG complete with accessories.	2.00	NO	INR		0.00	INR Zero Only
25.01	Adjustment/ Repair of existing stay wire	2.00	NO	INR		0.00	INR Zero Only
26.00	Installation of 6 SWG wire guard between neutrals of overhead line.	2.00	NO	INR		0.00	INR Zero Only
27.00	Erection of LT pin insulators on existing cross arms including hardware.	3.00	NO	INR		0.00	INR Zero Only
28.00	Erection of LT shackle insulators on existing cross arms including hardware.	2.00	NO	INR		0.00	INR Zero Only
29.00	Stringing of single span single ACSR conductor squirrel/ panther/ ferret/ dog or shield/ guard wire between two poles of LT/ HT overhead line (max. Span length 60m)	50.00	NO	INR		0.00	INR Zero Only
30.00	Checking of connection of PG clamps/ binding wire on LT/HT overhead line.	323.00	NO	INR		0.00	INR Zero Only
30.01	Mtc. Of Double Circuit Towers of 132KV Overhead Line from CPP to MRS as per Scope of Work	7.00	NO	INR		0.00	INR Zero Only
30.02	Mtc. Of Single Circuit Tower/ Gantries of 132KV Overhead Line from CPP to MRS as per Scope of Work	5.00	NO	INR		0.00	INR Zero Only
31.00	Replacement of Jumpers of any size on LT/HT overhead line incl. Cleaning of Insulators	20.00	NO	INR		0.00	INR Zero Only
32.00	Checking & Tightening of Guard wires.	85.00	NO	INR		0.00	INR Zero Only
33.00	Replacement of overhead line ACSR conductor of any size & type per conductor per span of 60 M max.	2.00	NO	INR		0.00	INR Zero Only
34.00	Fabrication of steel cross arms and its erection on existing poles including the accessories, hardware	2.00	NO	INR		0.00	INR Zero Only
35.00	Replacement of GI stay wire /stay wire insulator.	2.00	NO	INR		0.00	INR Zero Only
36.00	Dismantling of 3 phase LT overhead line of panther / ferret / squirrel/ dog ACSR conductor including accessories between two poles having a span length	2.00	NO	INR		0.00	INR Zero Only
37.00	-Do-but 11 KV HT overhead line (span of max 60 MR)	2.00	NO	INR		0.00	INR Zero Only
38.00	Dismantling of complete stay wire set from RCC/ Steel Tubular Poles.	2.00	NO	INR		0.00	INR Zero Only
39.00	Dismantling of overhead line ACSR conductor including hardware per conductor /span of 60 MR max.	2.00	NO	INR		0.00	INR Zero Only
40.00	Erection of RCC / Steel Tubular Pole/ Lighting Mast etc.						
40.01	Up to height of 12 ft.	4.00	NO	INR		0.00	INR Zero Only
40.02	Above 12 ft. & up to height of 24 ft.	3.00	NO	INR		0.00	INR Zero Only
40.03	Above 24 ft.	10.00	NO	INR		0.00	INR Zero Only
40.04	Installation of temporary Pole of any size and removing there after.	1.00	NO	INR		0.00	INR Zero Only
40.05	Erection/ Dismantling/ Replacement of Steel Tubular Pole of height up to 12 feet by cutting/ welding/ clamping	24.00	NO	INR		0.00	INR Zero Only
41.00	Dismantling of fabricated Steel/ RCC / Steel Tubular Pole/ Lighting Mast.						
41.01	Up to height of 12 ft.	3.00	NO	INR		0.00	INR Zero Only
41.02	Above 12 ft. & up to height of 24 ft.	1.00	NO	INR		0.00	INR Zero Only
41.03	Above 24 ft.	10.00	NO	INR		0.00	INR Zero Only
42.00	EARTHING Installation, testing & commissioning of earthing station	20.00	NO	INR		0.00	INR Zero Only
42.01	Maintenance of earthing station including supply of salt (if reqd.) for reconditioning and measuring / recording of earth resistance value.	260.00	NO	INR		0.00	INR Zero Only
42.02	Erection of earth electrode only in the existing earth pit	2.00	NO	INR		0.00	INR Zero Only
43.00	Laying of GI / AL EARTH STRIP in ground or on tray, structure etc of following sizes						
43.01	Up to 150mm2	242.00	MR	INR		0.00	INR Zero Only
43.02	Above 150mm2	11.00	MR	INR		0.00	INR Zero Only
43.03	Refixing of existing earth strip.	250.00	MR	INR		0.00	INR Zero Only
44.00	Dismantling of GI / AL EARTHING of any size from ground or structure, tray etc.	105.00	MR	INR		0.00	INR Zero Only
45.00	Laying/ Termination/ Dismantling of 6/8 SWG GI/AL wire on existing RCC poles or other structure/ wall/	300.00	MR	INR		0.00	INR Zero Only
46.00	Installation of single spike GI Rod lightning arrestors over cooling tower or any tall structure	5.00	NO	INR		0.00	INR Zero Only
47.00	Dismantling of single spike GI rod lightning Arrester over Cooling Tower or any tall Structure.	3.00	NO	INR		0.00	INR Zero Only

48.00	SWITCH FUSE UNITS/CONTROL GEARS Installation/ Dismantling OF Push button station/ motor starter/ TPN/ SPN or Change Over switches/ Flame Proof outlets:					
48.01	Up to 125 amps.	32.00	NO	INR		0.00 INR Zero Only
48.02	Above 125 Amps.	3.00	NO	INR		0.00 INR Zero Only
49.00	Dismantling / Erection / Replacement of MS/ CI/ PVC junction box/ Telephone DB of any size in / from wall or RCC ceiling / column etc.:					
49.01	Erection	76.00	NO	INR		0.00 INR Zero Only
49.02	Dismantling	50.00	NO	INR		0.00 INR Zero Only
49.03	Replacement/ Refixing	20.00	NO	INR		0.00 INR Zero Only
50.00	Removal of MS/ CI box/ wooden board from masonry wall or RCC column	24.00	NO	INR		0.00 INR Zero Only
51.00	Glanding or reglanding of cables with single / double compression type cable glands of size up to 1" dia.	323.00	NO	INR		0.00 INR Zero Only
51.01	-Do- but of size above 1" dia & up to 2" dia.	72.00	NO	INR		0.00 INR Zero Only
51.02	-Do- but of size above 2" dia.	4.00	NO	INR		0.00 INR Zero Only
52.00	DOMESTIC WIRING Laying, Termination & Commissioning of PVC insulated flexible Copper wire single core 6mm2/ Flexible cable of size up to 2X6mm2/ 3x1.5mm2 flexible Cable on existing wooden batten/ PVC Casing capping/ Conduit pipe including supply of all the required material	211.00	MR	INR		0.00 INR Zero Only
53.00	Laying, Termination & Commissioning of PVC insulated flexible Copper wire single core 6mm2/ Flexible cable of size up to 2X6mm2/ 3x1.5mm2 in PVC Casing capping/ Conduit pipe including supply of all the required material as specified in Scope of Work.					
53.01	With supply of PVC Casing capping/ Conduit Pipe of size up to 1"	200.00	MR	INR		0.00 INR Zero Only
53.02	With supply of PVC Casing capping/ Conduit Pipe above 1" up to 2"	7.00	MR	INR		0.00 INR Zero Only
53.03	Replacement of worn out wooden batten/ PVC or MS conduit/ PVC casing capping with PVC casing capping/ conduit pipe of size 1" including supply of all material except wire/ cable.	225.00	MR	INR		0.00 INR Zero Only
53.04	-Do- but of size above 1" and up to 2"	12.00	MR	INR		0.00 INR Zero Only
54.00	Installation of MS switch board with 3 mm thick sunmica sheet of size:					
54.01	10"X12"	1.00	NO	INR		0.00 INR Zero Only
54.02	10"X8"	3.00	NO	INR		0.00 INR Zero Only
54.03	9"X4"	4.00	NO	INR		0.00 INR Zero Only
54.04	7"X4"	36.00	NO	INR		0.00 INR Zero Only
54.05	4"X4"	13.00	NO	INR		0.00 INR Zero Only
55.00	Installation of Wooden boards of following sizes					
55.01	8"X10" & above	2.00	NO	INR		0.00 INR Zero Only
55.02	7"X4"	33.00	NO	INR		0.00 INR Zero Only
55.03	4"X4" / Round Block.	30.00	NO	INR		0.00 INR Zero Only
56.00	Dismantling of single core Al/ Cu conductor cable of size up to 6mm2 or 3 core flexible cable from wooden batten/ PVC conduit/ PVC casing capping	200.00	MR	INR		0.00 INR Zero Only
56.01	-Do- but relaying as well.	104.00	MR	INR		0.00 INR Zero Only
56.02	Replacement of 14 / 16 SWG earth wire in conduit or on batten.	10.00	MR	INR		0.00 INR Zero Only
57.00	Wiring for Light/ Fan/ Exhaust fan/ 5 Amp Socket point in recessed conduit with PVC insulated copper conductor of size 1.5 Sq. mm. including supply of all material for following sizes:					
57.01	Short point	20.00	NO	INR		0.00 INR Zero Only
57.02	Medium point	15.00	NO	INR		0.00 INR Zero Only
57.03	Long point	10.00	NO	INR		0.00 INR Zero Only
58.00	Circuit wiring in recessed conduit with following size of conductor including supply of all material					
58.01	With 1.5 Sq. mm. Cu. conductor.	15.00	MR	INR		0.00 INR Zero Only
58.02	With 2.5 Sq. mm. Cu. conductor.	5.00	MR	INR		0.00 INR Zero Only
58.03	With 4 Sq. mm. Cu. conductor.	15.00	MR	INR		0.00 INR Zero Only
58.04	With 6 Sq. mm. Cu. conductor.	15.00	MR	INR		0.00 INR Zero Only
58.05	Circuit wiring in exiting conduit with 1.5 Sq. mm. Cu	2.00	MR	INR		0.00 INR Zero Only
58.06	- Do - but 2.5 Sq. mm.	2.00	MR	INR		0.00 INR Zero Only
58.07	- Do - but 4 Sq. mm.	5.00	MR	INR		0.00 INR Zero Only
58.08	- Do - but 6 Sq. mm.	2.00	MR	INR		0.00 INR Zero Only
59.00	Wiring for Twin control Light point in PVC Casing capping/ Recessed PVC Conduit with copper conductor of size 1.5 Sq. mm. including supply of all material for following sizes:					
59.01	Short point.	1.00	NO	INR		0.00 INR Zero Only
59.02	Medium point	1.00	NO	INR		0.00 INR Zero Only
59.03	Long point.	1.00	NO	INR		0.00 INR Zero Only
60.00	Wiring for 15 Amp Socket point in PVC Casing capping/ PVC Recessed conduit with copper conductor of size 4 Sq. mm. including supply of all material for short point:	10.00	NO	INR		0.00 INR Zero Only
60.01	-Do- but with 6 Sq. mm. Cu. conductor.	5.00	NO	INR		0.00 INR Zero Only
61.00	TOWNSHIP Attending of no light complaints of following houses/ buildings in township/ CISF colony:					
61.01	A/B/C/D type house/ Residential Rooms of Expert Hostel & Sub-feeders of Public Building in normal working hours.	64.00	NO	INR		0.00 INR Zero Only
61.02	A/B/C/D type house/ Residential Rooms of Expert Hostel & Sub-feeders of Public Building during odd hours.	19.00	NO	INR		0.00 INR Zero Only

62.00	Installation and removal of temporary lights/ extension boards as required in township.					
62.01	Temporary installation of Lighting Circuit having max. 30 lamps up to 200W ratings in parallel and removing the same after completion of job as per scope of work.	30.00	NO	INR		0.00 INR Zero Only
62.02	Temporary installation of Main Lighting/ Power Distribution Board and removing the same after completion of job as per scope of work.	8.00	NO	INR		0.00 INR Zero Only
62.03	Temporary installation of Flood Lights of any rating including its control gears on Poles and removing after completion of job.	57.00	NO	INR		0.00 INR Zero Only
63.00	Replacement of 5 or 15 amp domestic /industrial / switch /socket /plug top /lamp holder /kit kat /bell push /buzzer /round block /fuse /fan capacitor /regulator/repair of fan regulator and connections and or disconnection of electrical appliance including attending of minor faults.	2775.00	NO	INR		0.00 INR Zero Only
63.01	Erection & commissioning of 5 /15 Amp switch /socket /fan regulator on a new switchboard.	328.00	NO	INR		0.00 INR Zero Only
63.02	Refixing of domestic light fitting of any type	457.00	NO	INR		0.00 INR Zero Only
63.03	Maintenance of glow sign boards installed at a height of 6 M approx.	2.00	NO	INR		0.00 INR Zero Only
63.04	Maintenance of pole mounting box.	100.00	NO	INR		0.00 INR Zero Only
64.00	Installation /removal / replacement of single / 3 phase energy meter.					
64.01	Installation	13.00	NO	INR		0.00 INR Zero Only
64.02	Removal	37.00	NO	INR		0.00 INR Zero Only
64.03	Replacement	60.00	NO	INR		0.00 INR Zero Only
65.00	General maintenance of single / three phase meter boards of residential units in township & CISF colony/ public buildings.	213.00	NO	INR		0.00 INR Zero Only
66.00	TEMPORARY CONNECTION Temporary laying of armoured/ unarmoured cables of following sizes & lengths for connecting Hand Lamp / Flood Light / Extension Board / Welding Set etc. of any type & size & its removal, if reqd; after completion of job.					
66.01	Flexible cable up to 4x2.5mm2 & up to 15 MR. Length.	1347.00	NO	INR		0.00 INR Zero Only
66.02	-Do- but above 15 MR & up to 50 MR Length.	936.00	NO	INR		0.00 INR Zero Only
66.03	-Do- but above 50 M and up to 100 MR. Length.	30.00	NO	INR		0.00 INR Zero Only
66.04	Armoured Cable of size up to & including 4 x25mm2 & length up to 100 M.	1080.00	NO	INR		0.00 INR Zero Only
66.05	-Do- but length above 100 M & up to 300 MR.	4.00	NO	INR		0.00 INR Zero Only
66.06	Armoured Cable of size above 4x25 mm2 but up to 3.5x70mm2 & length up to 100 M.	9.00	NO	INR		0.00 INR Zero Only
66.07	-Do- but length above 100 M & up to 300 MR	1.00	NO	INR		0.00 INR Zero Only
66.08	Armoured Cable of size above 3.5x70 mm2 but up to 3.5x185mm2 & length up to 100 M.	3.00	NO	INR		0.00 INR Zero Only
66.09	-Do- but length above 100 M & up to 300 MR.	2.00	NO	INR		0.00 INR Zero Only
66.10	Armoured Cable of size above 3.5x185mm2 & length	1.00	NO	INR		0.00 INR Zero Only
66.11	-Do- but length above 100 M & up to 300 MR.	2.00	NO	INR		0.00 INR Zero Only
67.00	LIGHTING Erection, testing & comm. of LED street light fixture up to 2x18 W on existing poles including supply of B-class GI pipe bracket 1 MR long.	2.00	NO	INR		0.00 INR Zero Only
68.00	Erection, testing & comm. of following type of lighting fixture including control gear:					
68.01	LED fitting up to 2X18w W fitting of any type & size.	99.00	NO	INR		0.00 INR Zero Only
68.02	Well glass LED fitting of any type & size up to 50 W	102.00	NO	INR		0.00 INR Zero Only
68.03	Post top lantern LED of any type & size up to 50 W.	2.00	NO	INR		0.00 INR Zero Only
68.04	LED Flood light of any type & size up to 80 W.	27.00	NO	INR		0.00 INR Zero Only
68.05	LED Flood light of any type & size up to 200 W.	2.00	NO	INR		0.00 INR Zero Only
68.06	LED Street light fitting of any type & size up to 75 w.	15.00	NO	INR		0.00 INR Zero Only
68.07	Flame proof / Increased Safety LED light fitting of any type & size	4.00	NO	INR		0.00 INR Zero Only
68.08	Aviation light fitting of any type & size	2.00	NO	INR		0.00 INR Zero Only
68.09	Assembly of light fitting including wiring of any type & size	100.00	NO	INR		0.00 INR Zero Only
69.00	Replacement of tube rod/lamp /glass/ wire guard gasket / lamp holder etc					
69.01	Removal of fault/ replacement of any single accessory, in lighting fixture any type and size up to 200W as stated in item 69.00	2450.00	NO	INR		0.00 INR Zero Only
69.02	-Do- but in street light fixture.	200.00	NO	INR		0.00 INR Zero Only
69.03	-Do- but in increased safety / flameproof lighting	100.00	NO	INR		0.00 INR Zero Only
69.04	-Do- but in aviation lighting fixture.	5.00	NO	INR		0.00 INR Zero Only
69.05	Removal of fault/replacement of 2 or more accessories in lighting fixture of any type & size up to 200W as stated in 69.00	100.00	NO	INR		0.00 INR Zero Only
69.06	-Do- but in street light fixture.	50.00	NO	INR		0.00 INR Zero Only
69.07	-Do- but in increased safety /flameproof lighting	5.00	NO	INR		0.00 INR Zero Only
69.08	-Do- but in aviation lighting fixture.	1.00	NO	INR		0.00 INR Zero Only
70.00	Removal of fault/ replacement of any single accessory in lighting fixture of any type & size above 200 was stated in item 69.00	200.00	NO	INR		0.00 INR Zero Only
70.01	-Do- but in street light fixture.	50.00	NO	INR		0.00 INR Zero Only
70.02	-Do- but in increased safety flameproof lighting fixture.	9.00	NO	INR		0.00 INR Zero Only
70.03	Same as item 70.00 but removal of fault /replacement of 2 or more accessories.	40.00	NO	INR		0.00 INR Zero Only
70.04	-Do- but in street light fixture.	11.00	NO	INR		0.00 INR Zero Only
70.05	-Do- but in increased safety flameproof lighting fixture.	5.00	NO	INR		0.00 INR Zero Only
71.00	Replacement of gen. lighting fixture of any size or type up to 200 w.	70.00	NO	INR		0.00 INR Zero Only

71.01	-Do- but flood light fixture of any size & type.	8.00	NO	INR		0.00	INR Zero Only
71.02	-Do- but increased safety/Flameproof light fixture.	115.00	NO	INR		0.00	INR Zero Only
72.00	Dismantling of LED light fitting of upto 50W	159.00	NO	INR		0.00	INR Zero Only
72.01	Dismantling of any LED fitting above 50W to upto100	98.00	NO	INR		0.00	INR Zero Only
72.02	Dismantling of flood light fitting above 100 W.	35.00	NO	INR		0.00	INR Zero Only
72.03	Dismantling of aviation light fitting.	1.00	NO	INR		0.00	INR Zero Only
73.00	Maintenance of lighting board/junction boxes/terminal box etc.						
73.01	Non Flame Proof Junction boxes	300.00	NO	INR		0.00	INR Zero Only
73.02	Non Flame Proof Lighting distribution boards/Terminal Box, 1 phase.	52.00	NO	INR		0.00	INR Zero Only
73.03	-Do- but 3 phases.	245.00	NO	INR		0.00	INR Zero Only
73.04	Flame Proof/ Increased Safety Lighting distribution	60.00	NO	INR		0.00	INR Zero Only
73.05	-Do- but 3 phases.	10.00	NO	INR		0.00	INR Zero Only
74.00	General cleaning of lighting fixtures of: -						
74.01	LED fitting up to 2X18w W fitting of any type & size	1823.00	NO	INR		0.00	INR Zero Only
74.02	Well glass LED fitting of any type & size up to 50 W	632.00	NO	INR		0.00	INR Zero Only
74.03	Post top lantern LED of any type & size up to 50 W.	53.00	NO	INR		0.00	INR Zero Only
74.04	LED Flood light of any type & size up to 80 W.	556.00	NO	INR		0.00	INR Zero Only
74.05	LED Flood light of any type & size up to 200 W.	53.00	NO	INR		0.00	INR Zero Only
74.06	LED Street light fitting of any type & size up to 75 w.	346.00	NO	INR		0.00	INR Zero Only
74.07	Flame proof / Increased Safety LED light fitting of any type & size	162.00	NO	INR		0.00	INR Zero Only
74.08	-Do- aviation light fixture.	2.00	NO	INR		0.00	INR Zero Only
74.09	Do- domestic lighting fixture up to 80 W.	14.00	NO	INR		0.00	INR Zero Only
75.00	FANS Erection, testing & comm. of ceiling/ exhaust / cabin fan for new installation	7.00	NO	INR		0.00	INR Zero Only
75.01	Removal of ceiling/ exhaust / Cabin fan.	158.00	NO	INR		0.00	INR Zero Only
75.02	Refixing of ceiling/ exhaust/ Cabin fan at old position	157.00	NO	INR		0.00	INR Zero Only
75.03	Over hauling of Ceiling/Exhaust fan / Cabin fan.	41.00	NO	INR		0.00	INR Zero Only
75.04	General Checking of Ceiling fan / Exhaust fan Viz. Locking Pin, Check nut, Locking nut, Suspension and Suspension Rod etc.	1000.00	NO	INR		0.00	INR Zero Only
76.00	General cleaning of ceiling fan of any size alongwith its regulator.	445.00	NO	INR		0.00	INR Zero Only
77.00	CABLE TRAYS Installation of fabricated MS/ GI cable trays, including minor welding/ cutting work for:						
77.01	Cable tray size up to 750 mm	168.00	MR	INR		0.00	INR Zero Only
77.02	Cable tray above 750mm	10.00	MR	INR		0.00	INR Zero Only
77.03	Replacement of cable trays of size 500/ 750mm width from ground floor to Prilling Tower Top or any other tall structure/ vessel, including replacement of supporting structure, refixing of existing earthing strips and clamping/ dressing of existing cables	5.00	MR	INR		0.00	INR Zero Only
78.00	Dismantling of fabricated MS/ GI cable trays, including minor welding/ cutting work for:						
78.01	Cable tray size up to 750 mm	10.00	MR	INR		0.00	INR Zero Only
78.02	Cable tray above 750mm	5.00	MR	INR		0.00	INR Zero Only
79.00	FABRICATION Cast iron casting of sample piece without formation of pattern	27.00	KG	INR		0.00	INR Zero Only
79.01	Aluminium casting of sample piece without formation of pattern.	5.00	KG	INR		0.00	INR Zero Only
80.00	Fabrication & erection steel structural work of:						
80.01	Large size	824.00	KG	INR		0.00	INR Zero Only
80.02	Extra small work with total weight per item not exceeding 0.5 kg including installation.	482.00	NO	INR		0.00	INR Zero Only
80.03	GI/ AL sheet work (fabrication & erection)	16.00	M2	INR		0.00	INR Zero Only
81.00	Cleaning and removal of coal/ ash dust/waste material from over head cable trays as per instructions an of Engineer-in-charge of the following sizes: -						
81.01	Over head cable tray width up to 350 mm.	298.00	MR	INR		0.00	INR Zero Only
81.02	-Do- but width above 350 mm to 700 mm	321.00	MR	INR		0.00	INR Zero Only
81.03	-Do- but width above 700 mm to 1000 mm	500.00	MR	INR		0.00	INR Zero Only
81.04	-Do- but width above 1000 mm.	44.00	MR	INR		0.00	INR Zero Only
82.00	Cleaning of Cable Trenches in all plants of various sizes as per details given in scope of work.						
82.01	Of size up to 1100mm width	1108.00	MR	INR		0.00	INR Zero Only
82.02	Of size above 1100mm width	800.00	MR	INR		0.00	INR Zero Only
82.03	Of size up to 1100mm width but filled with sand	9.00	MR	INR		0.00	INR Zero Only
82.04	Of size above1100mm width but filled with sand	10.00	MR	INR		0.00	INR Zero Only
82.05	Of size up to 1100mm width but filled with ash	9.00	MR	INR		0.00	INR Zero Only
82.06	Of size above 1100mm width but filled with ash	10.00	MR	INR		0.00	INR Zero Only
83.00	Over hauling of LT Motors of following rating as per details in Scope of work:						
83.01	Motor rating up to 1.1 KW	4.00	NO	INR		0.00	INR Zero Only
83.02	-Do- but above 1.1 KW up to 3.7 KW	7.00	NO	INR		0.00	INR Zero Only
83.03	-Do- but above 3.7 KW up to 11KW	6.00	NO	INR		0.00	INR Zero Only
83.04	-Do- but above 11 KW up to 37 KW	4.00	NO	INR		0.00	INR Zero Only
83.05	-Do- but above 37 KW up to 75 KW	7.00	NO	INR		0.00	INR Zero Only
83.06	-Do- but above 75 KW up to 125KW	5.00	NO	INR		0.00	INR Zero Only
83.07	-Do- but above 125KW up to 160KW	5.00	NO	INR		0.00	INR Zero Only
84.00	Replacement of LT Motors of following rating as per details in Scope of work:						
84.01	Motor rating up to 1.1 KW	3.00	NO	INR		0.00	INR Zero Only
84.02	-Do- but above 1.1 KW up to 3.7 KW	7.00	NO	INR		0.00	INR Zero Only
84.03	-Do- but above 3.7 KW up to 11KW	3.00	NO	INR		0.00	INR Zero Only
84.04	-Do- but above 11 KW up to 37 KW	3.00	NO	INR		0.00	INR Zero Only
84.05	-Do- but above 37 KW up to 75 KW	1.00	NO	INR		0.00	INR Zero Only
84.06	-Do- but above 75 KW up to 125KW	1.00	NO	INR		0.00	INR Zero Only
84.07	-Do- but above 125KW up to 160KW	4.00	NO	INR		0.00	INR Zero Only
85.00	Recording of Energy Meter reading of all energy meters in T/Ship and CISF colony on quarterly basis.	4.00	NO	INR		0.00	INR Zero Only

86.00	Supply of Pedestal Fans on rental basis (per fan per day) during Annual Shut down	307.00	NO	INR		0.00	INR Zero Only
87.00	Upkeeping and cleaning of various Electrical Equipments In Ammonia plant on per month basis as per instructions of NFL's supervisor & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
88.00	Carrying of misc. tools for attending various jobs reported in Central shift on per month basis detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
89.00	Upkeeping and cleaning of various Electrical Equipments In CPP/GTG plant on per month basis as per instructions of NFL's supervisor & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
90.00	Upkeeping and cleaning of various Electrical Equipments In SGP plant on per month basis as per instructions of NFL's supervisor & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
91.00	Upkeeping and cleaning of various Electrical Equipments In Urea plant on per month basis as per instructions of NFL's supervisor & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
92.00	Upkeeping and cleaning of various Electrical Equipments In O&U plant on per month basis as per instructions of NFL's supervisor & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
93.00	Upkeeping and cleaning of various Electrical Equipments In Workshop on per month basis as per instructions of NFL's supervisor & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
94.00	Upkeeping and cleaning of various Electrical Equipments In Telephone Exchange on per month basis as per instructions of NFL's supervisor & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
95.00	Carrying of misc. tools for attending various jobs reported In CPP shift on per month basis detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
96.00	Upkeeping and cleaning of various Electrical Equipments In Township on per month basis as per instructions of NFL's supervisor & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
97.00	Sweeping, mopping and cleaning of Electrical Substaions in AFCEP on per month basis & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
97.01	Sweeping, mopping and cleaning of Electrical Substaions in GTG, MRS, SGP, Workshop, Telephone Exchange on per month basis & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
97.02	Sweeping, mopping and cleaning of Electrical Substaions in Urea, Bagging, DM, ETP, Agro, RW and Township on per month basis & detailed as per scope.	12.00	NO	INR		0.00	INR Zero Only
98.00	SUPPLY OF MATERIAL Supply of following material as per make, size & specifications given in scope of work:						
98.01	Supply of GI stay wire set 7x8 SWG complete with accessories.	1.00	NO	INR		0.00	INR Zero Only
98.02	Supply of 6 SWG wire guard between neutrals of overhead line.	1.00	NO	INR		0.00	INR Zero Only
98.03	Supply of LT pin insulators including hardwares.	1.00	NO	INR		0.00	INR Zero Only
98.04	-Do- but shackle insulators.	1.00	NO	INR		0.00	INR Zero Only
98.05	Supply of earth station electrode only	5.00	NO	INR		0.00	INR Zero Only
98.06	Supply of 6/8 SWG GI wire	10.00	MR	INR		0.00	INR Zero Only
98.07	Supply of single spike GI Rod lightning arrestors	1.00	NO	INR		0.00	INR Zero Only
98.08	Supply of ms switch board with 3 mm thick sunmica sheet of size 10"x12"	1.00	NO	INR		0.00	INR Zero Only
98.09	-Do- but size 10"x8"	1.00	NO	INR		0.00	INR Zero Only
98.10	-Do- but size 9"x4"	1.00	NO	INR		0.00	INR Zero Only
98.11	-Do- but size 7"x4"	23.00	NO	INR		0.00	INR Zero Only
98.12	-Do- but size 4"x4"	12.00	NO	INR		0.00	INR Zero Only
98.13	Supply of 3mm thick Sunmica Sheet of size 11"x13"	1.00	NO	INR		0.00	INR Zero Only
98.14	-Do- but of size 9"x11"	4.00	NO	INR		0.00	INR Zero Only
98.15	-Do- but of size 10"x5"	3.00	NO	INR		0.00	INR Zero Only
98.16	-Do- but of size 8"x5"	21.00	NO	INR		0.00	INR Zero Only
98.17	-Do- but of size 5"x5"/ ROUND SHEET	15.00	NO	INR		0.00	INR Zero Only
98.18	Supply of wooden board of size 8"x10"/10"x12"	1.00	NO	INR		0.00	INR Zero Only
98.19	7"x4"	30.00	NO	INR		0.00	INR Zero Only
98.20	4"x4"/ Round Block.	29.00	NO	INR		0.00	INR Zero Only
99.00	SUPPLY OF MANPOWER Assistance in execution of intermittent electrical jobs during short shutdowns / onforeseen breakdowns / Annual turn around etc detailed as per scope of work.						
99.01	Skilled worker (Normal working time- 8 hrs per day)	180.00	MD	INR		0.00	INR Zero Only
99.02	Semiskilled Worker (Normal working time- 8 hrs per day)	150.00	MD	INR		0.00	INR Zero Only
99.03	Unskilled Worker (Normal working time- 8 hrs per day)	320.00	MD	INR		0.00	INR Zero Only
99.04	Skilled worker (over time after 8hrs normal duty)	4500.00	Hr	INR		0.00	INR Zero Only
99.05	Semiskilled worker (over time after 8hrs normal duty)	1500.00	Hr	INR		0.00	INR Zero Only
99.06	Unskilled worker (over time after 8hrs normal duty)	900.00	Hr	INR		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only					