

## PRICE BID FOR THE WORK UNDER SL. NO :-03 AS PER IFB

**NAME OF THE WORK :-EXECUTION OF INTERNAL ELECTRIFICATION WORKS OF MODERNISED TESTING CENTRE AT DRIVING TESTING TRACK, CHANDRASEKHARPUR, BHUBANESWAR IN THE DISTRICT OF KHURDA.**

**BID REF NO.- 07/PM/ELECT/OPHWC/2021-22**

**NAME &  
ADDRESS  
OF THE  
FIRM**

**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>1</b>	Recessed wiring to <b>different points</b> with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS Box having front bakelight cover of suitable size, MS Box with 1.0 sq. FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in charge . ( Make of wire Finolex / L &T / Anchor / Havels/ V guard)				
<b>(a)</b>	Angle Holder Point	Nos	10	868.95	8,689.50
<b>(b)</b>	Tube Light Point	Nos	10	877.80	8,778.00
<b>2</b>	Recessed wiring to <b>Ceiling fan points</b> with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V piano type switch ISI marked and ceiling rose & step type electronic regulator ISI marked mounted on MS Box having front bakelight cover of suitable size, MS Box with 1.0 sq. FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in charge . ( Make of wire Finolex / L &T / Anchor / Havels/ V guard)	Nos	10	877.80	8,778.00
<b>3</b>	supply of Step type Mini electronics Regulator	Nos	5	190.90	954.50

4	<p>Recessed wiring to Exhaust fan Point with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS Box having front bakelight cover of suitable size, MS Box with 1.0 sq. FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in charge . ( Make of wire Finolex / L &lt;(&gt;&amp;&lt;)&gt;T / Anchor / Havels/ V guard/HPL)</p>	Nos	3	877.80	2,633.40
5	<p>Point wiring for 5/ 6 amp socket outlet with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor ISI marked in recess 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V piano type switch &amp; socket , phenolic laminated sheet suitable size ISI marked MS Box &amp; earthing Point with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor for loop earthing etc as required as per direction of Engineer in charge . ( Make of wire Finolex / L &lt;(&gt;&amp;&lt;)&gt;T / Anchor / Havels/ V guard/HPL)</p>	Nos	5	387.51	1,937.55
6	<p>Point wiring for 5/ 6 amp socket outlet ( Separate) with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor ISI marked in recess 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V piano type switch &lt;(&gt;&amp;&lt;)&gt; socket , phenolic laminated sheet suitable size ISI marked MS Box &amp; earthing Point with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor for loop earthing etc as required as per direction of Engineer in charge . ( Make of wire Finolex / L &amp;T / Anchor / Havels/ V guard/HPL)</p>	Nos	3	419.00	1,257.00
7	<p>Point wiring for 15/16 amp socket outlet with 4.0sq.mm FR PVC insulated single core multistrand copper conductor ISI marked in recess 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V piano type switch &amp; socket , phenolic laminated sheet suitable size ISI marked MS Box &amp; earthing Point with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor for loop earthing etc as required as per direction of Engineer in charge . ( Make of wire Finolex / L &lt;(&gt;&amp;&lt;)&gt;T / Anchor / Havels/ V guard/HPL)</p>	Nos	6	579.13	3,474.78

8	Recessed wiring to submain in 2 x 2.5 sqmm FR PVC insulated single core multistarnd copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	90	138.54	12,468.60
9	Recessed wiring to submain in 2 x 4 sqmm FR PVC insulated single core multistarnd copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (Make of wire Finolex / L &T /Anchor / Havels/ V guard) ( CSR SL .No- 1.8.3)	Mtr	90	155.72	14,014.80
10	Recessed wiring to submain in 2 x 6 sqmm FR PVC insulated single core multistarnd copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 2.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required fromBDB to Power point & BDB to Computer DB(Make of wire Finolex / L &T / Anchor / Havels/ V guard) ( CSR SL .No- 1.8.4)	Mtr	40	₹ 185.88	7,435.20
11	Recessed wiring to submain in 4 x 6 sqmm FR PVC insulated single core multistarnd copper conductor of ISI marked confirming to IS-694/1990 in 32 mm dia non metallic heavy duty flexible conduit 1.6 mm thick along with 2 x 2.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required from FDB to BDB(Make of wire Finolex / L &T / Anchor / Havels/ V guard) ( CSR SL .No- 1.8.10)	Mtr	30	282.70	8,481.00
12	Recessed wiring to submain in 4 x 10 sqmm FR PVC insulated single core multistarnd copper conductor of ISI marked confirming to IS-694/1990 in 32 mm dia non metallic heavy duty flexible conduit 1.6 mm thick along with 2 x 4 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (from FDB TO BDB) (Make of wire Finolex / L &T /Anchor / Havels/ V guard/HPL) ( CSR SL .No- 1.8.11)	Mtr	30	408.94	12,268.20

13	Supply and fixing of 6 A switch including all accessories.	Nos	30	38.14	1,144.20
14	Supply and fixing of 6 A socket including all accessories (Make-.ANCHOR/HAVELLS/LEGRAND/ Wipro )	Nos	10	48.04	480.40
15	Supply and fixing of 16 A switch including all accessories.(Make-.ANCHOR/HAVELLS/LEGRAND/ Wipro )	Nos	6	79.36	476.16
16	Supply and fixing of 16 A socket including all accessories.(Make-.ANCHOR/HAVELLS/LEGRAND/ Wipro )	Nos	6	81.16	486.96
17	Supply and fixing of Angle holdre including all accessories.(Make-.ANCHOR/HAVELLS/LEGRAND/ Wipro )	Nos	10	57.55	575.50
18	Supply and fixing of Ceiling rose ISI marked on the existing junction boxi ncluding all accessories and connections(Make-.ANCHOR/HAVELLS/LEGRAND/ Wipro )	Nos	15	41.42	621.30
19	Supply and fixing of 9 WT. LED Bulb installred at angle holder/ batten holder. Make- CROMPTON/ PHILIPS/ WIPRO)	Nos	20	₹ 120.75	2,415.00
20	Supply and fixing of 4 FT 20 W LED Tube light fitting with lamp including fixing and connections as per instruction of Electrical Engineer-in-charge .( Make- CROMPTON/ PHILIPS/ WIPRO)	Nos	25	758.99	18,974.75
21	Supply and fixing of 1200 mm sweep AC ceiling fan (5 star rated ) with connecting wire and all accessories including hanging and connections as per instruction of Electrical Engineer-in-charge.- [MAKE- KHAITAN/USHA/ CROMPTON GREAVES)	Nos	15	1,874.17	28,112.55
22	Supply and fixing of 300 mm sweep exhaust fan with connecting wire and all accessories including fixing and connections as per instruction of Electrical Engineer-in-charge. - [MAKE- KHAITAN/USHA/ CROMPTON GREAVES)	Nos	3	₹ 2,024.00	6,072.00
23	Repairing of wiring and fixture(Subject to actual)	Job	1	20,000.00	20,000.00

24	Supply and installation of 2.0 Tr. Split type Air Conditioner ( 3 Star rated) of reputed brand with supply and fixing of 6 KVA ,130-280 Volt voltage range wall/floor mounted stabiliser including all accessories,fastner angle copper piping up to 15ft connections as per instruction of Electrical Engineer-in-charge MAKE of A.C. –CARRIER/BLUE STAR/MITSUBISHI , MAKE OF STABILIZER-SHAKTI/ AUTOTEK/V-GUARD/MICROTEK	Nos	1	₹ 56,115.77	56,115.77
25	Supply and fixing of 32Amp DPMCB including all accessories and connections as per instruction of Electrical Engineer-in- Charge. [Make-(a)MCB /MCCB - Legrand/ LEGRAND/ L &T/ HAVELLS/ SIMENS/ C & S, (d) all other accessories ISI mark]	No	5	431.47	2,157.35
26	Supply and fixing of 6-32Amp SPMCB including all accessories and connections as per instruction of Electrical Engineer-in- Charge. [Make-(a)MCB /MCCB - Legrand/ LEGRAND/ L &T/ HAVELLS/ SIMENS/ C & S, (d) all other accessories ISI mark]	No	10	207.31	2,073.10
27	Supply and fixing of 63Amp DPMCB including all accessories and connections as per instruction of Electrical Engineer-in- Charge. [Make-(a)MCB /MCCB - Legrand/ LEGRAND/ L &T/ HAVELLS/ SIMENS/ C & S, (d) all other accessories ISI mark]	No	5	655.50	3,277.50
28	<b>MAIN FEEDER PILLER</b>				-
29	Supply and Fixing of 200 AMP. 4PMCCB [36 KA] - 1 No with Bus bar,Indicator,Multifunctional metre, O/G-100Amp 4Pole MCCB-3 Nos,63 Amp 4Pole MCB-01No,32 Amp 4Pole MCB -01 No,32 Amp DPMCB-3 Nos etc.including all accessories and connections as per instruction of Electrical Engineer-in- Charge. [make-(a)Mcb /Mccb - Legrand/Schnider/Havells Crabtree/ ABB, ( b)volt meter, ammeter-AE/IMP, (d) all other accessories ISI mark]	Set	1	100,625.00	100,625.00
30	Supply and laying of 50 sq.mm 3.5 core PVC Al. Arm Cable of 1.1 KV grade ISI Marked direct in ground including excavation , sand cushioning ,protective covering and refilling the trench etc. as required. (Sl. No-25 sl no- 5.1.2)(feeder pillar to Building 01)Make- FINOLEX/HAVELLS/POLYCAB)	Mtr	40	452.95	18,118.00

31	Supply and laying of 25 sq.mm 3.5 core PVC Al. Arm Cable of 1.1 KV grade ISI Marked direct in ground including excavation , sand cushioning ,protective covering and refilling the trench etc. as required. ( sl no-5.1.1)(feeder pillar to Building 01)Make-FINOLEX/HAVELLS/POLYCAB)	Mtr	10	334.16	3,341.60
32	Supply and fixing of 4 way mcb Box with 32 Amp TPN MCB & 12 nos 20 amp SPMCB with sheet steel encloser , distribution board, on surface/ recess, complete with tinned copper bus bar , neutral bus bar,earth bar, din bar , detachable gland plate, interconnection , phosphate and power painted including earthing etc as required. ( Sl. No-2.7.4,2.5(>&<) 2.9) <b>(SENTRY 1 PANEL)</b>	No	1	₹ 4,555.95	4,555.95
33	Supply, Installation, Testing & Commissioning of indoor type wall mounted <b>Surge protection device (SPD)</b> panel made of 2 mm thick CRCA sheet, dust and vermin proof duly powder coated having the following arrangement & complete factory wired by 16 Sq.mm single core multi stranded copper flexible wire. [A] Type 1+2 AC Surge Protection Device (SPD) (TP+N) (50 KA) - 01 Set [B] 63 Amp. HRC fuse with link – 03 Nos [C] 100 Amp. 4 pole stud connector – 01 No Make of SPD & HRC Fuse :- HAVELLS / L&T / LEGRAND <b>Make of Wire :- FINOLEX / ANCHOR / HAVELLS</b> All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	No	1	18,665.00	18,665.00
34	Supply, connection & testing of sub earthing with 16 Sq.mm single core multi stranded copper flexible wire from surge protection device (SPD) panel to earth electrode & Main panel board to SPD panel including all accessories, cable socketing and connections. <b>Make :- FINOLEX / ANCHOR / HAVELLS</b> All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	Mtr.	18	₹ 154.73	2,785.14
35	Supply and fixing of pole junction box	Nos	10	650.00	6,500.00
36	Supply and fixing of 3.5 core 50sqmm End termination including all accessories and connection	Nos	2	327.34	654.68

37	Supply and fixing of 16/18 SWG metal box of following size on surface/recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same case of recessed conduit as required.				-
<b>A</b>	6'x4' G.I board	Nos	10	53.18	531.80
<b>B</b>	8"x10" G.I board	Nos	10	117.13	1,171.30
<b>C</b>	8"x6" G.I board	Nos	10	75.68	756.80
	Total Estimated Cost				<b>391,858.34</b>
	Total Estimated Cost in Figures				<b>391,858.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)	_____ %			
Quoted Amount in Figure					
Quoted Amount in word					

N:B- The Estimated cost is exclusive of GST @12%.

**Signature of Tenderer with seal**

Sd/-  
Asst. Project Manager (Elect)

Sd/-  
Asst. Project Manager (Elect) (Hqr)

Sd/-  
Project Manager(Elect.)