



SCOPE OF WORK

1. AREA OF OPERATION

The deputed team will be responsible to work across 5 circles of TPCODL

1. BBSR-I
2. BBSR-II
3. Cuttack
4. Paradeep
5. Dhenkanal

2. RESPONSIBILITY

- A. BA will be responsible for repairing & renovation of Feeder Pillars.
- B. BA will provide required manpower with all PPE & tools & tackles to carry out the required repair job.
- C. All spares to be provided by BA.
- D. Detailed scope of work for each line item is as per Annexure-I
- E. All consumable items in BA scope

3. DOCUMENTS

1. Weekly MIS to be shared by BA.



ANNEXURE-I

DETAILED SCOPE OF WORK FOR EACH LINE ITEM

S.No	Description	Detailed Scope
1	PM of LTDB	Cleaning, tightening & fixing of all contacts(including GI nut bolts), cable termination, bus bar etc. Mounting & wiring of MCCB and MCB.Locking arrangement repair(material provided by vendor),Terminal Block & Neutral Link,Fixing of AL Lugs of Desired Size(Material Supply will be in BA Scope).Including Transporataion under Bhubaneswar Area.
2	PM of Feeder Pillar	Cleaning, tightening & fixing of all contacts(including GI nut bolts), cable termination, bus bar etc. Mounting & wiring of MCCB and MCB.Terminal Block & Neutral Link,Fixing of AL Lugs of Desired Size(Material Supply will be in BA Scope).Including Transporataion under Bhubaneswar Area.
3	Fixing of Locking Arrnagement	New Lock to be installed in Feeder Pillar/LTDB/other panels.(Material in BA scope).
4	S&I of LTDB/Feeder Pillar FRP Door	Door will be installed on each Feeder Pillar/LTDB with locking arrangement. The doors shall be supported by 3 Nos. of Hinges for each door. Aldrop to closing the panels to be provided. Minimum Thickness- 3mm Colour-Blue
5	Painting work in Feeder Pillar/LTDB(Paint & Thinner in BA scope)	Painting with Prebond-220 Anti Corrosive Paint & thinner of approved brand and manufacture of required colour to give an even shade : Double coat for all feeder pillar. Colour as desired by TPCODL.
6	Supply and installation of Danger Board	Supply & Installation of Radium plated danger board with all arrangement
7	Supply & Installation of LED Indicator	Supply & Installation of LED Indicator with all arrangements(Material in BA scope)
8	Supply & Installation of Name plate for LTDB/Feeder Pillar	Aluminium name plate of size with engraved writings to be fixed on Feeder Pillars. Writings on the Feeder Pillars to be done as per TPCODL specs.
9	Supply & installation of TPCODL Logo	Radium TPCODL stickers to be pasted on each Feeder Pillars as per TPCODL specs
10	Sign writing on LTDB/Feeder Pillar	Sign writing on Feeder Pillar & on both the incoming & outgoing MCCB panel doors as per details given by TPCODL and specification i.e. black letter on yellow background(including supply both reflecting paint). 1 EA= 1 no. word
11	Supply & inst. of LTDB/Feeder Pillar GI Door	Minimum Thickness- 3mm GI Sheet
12	Minor Fabrication like Fixing of Hinges and Repairing of damaged part of LTDB by fabrication	Minor Fabrication include 1. 1 no. hinges to be installed on existing doors & same to be painted in colour as required by TPCODL. 1 EA= 1 Hinge of Feeder Pillar/LTDB. 2. Minor Welding.
13	Vermin Proofing of LTDB/Feeder Pillar	Sealing of all entry points. Material like bakelite sheet/GI Sheet/M-Seal.(Material in Vendor scope)



14	S&I GI Nut , Bolt & Washer of dif. Size	Supply & installation of different size of GI Nut ,bolt, spring & washers etc
15	Repairing of Foundation of LTDB	Repairing of Existing Foundation as where required(Material to be Provided by Venodr)
16	Construction of Foundation of LTDB	New plinth construction with Brick Wall (material to be provided by vendor)
17	Supply & install earthing system	Scope includes all chemical Powder-25Kg(Bentonite/Terafil), 3m 40mm GI pipe, construction of earthing chamber.
18	S&I GI Flat for earthing Flat 50X6	Scope includes supply & installation of required nut/bolts/washers.
19	S&I of 315A HRC Fuse	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement be done.
20	S&I of 200A HRC Fuse	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement be done.
21	S&I of 160A HRC Fuse	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement be done.
22	S&I of 400A HRC Fuse Base	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement be done.
23	S&I of 250A HRC Fuse Base	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement be done.
24	S&I of 160A HRC Fuse Base	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement be done.
25	S&I of 3P 800A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton/Legrand. Make to make replacement preferable.35kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
26	S&I of 3P 400A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable.35kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
27	S&I of 3P 160A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable.25kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
28	S&I of 3P 250A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable.25kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
29	S&I of 3P 500A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable.25kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
30	S&I of 4P 250A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable.25kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
31	S&I of 4P 400A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable.25kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
32	S&I of 4P 630A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable.25kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.



33	S&I of 4P 500A MCCB	Make:HPL/C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable 36kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
34	S&I of 3P 100A MCCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement preferable.25kA with Integrated OL,SC & E/F Protection,front operated type. Make to make replacement be done.
35	S&I of SP 16A MCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement be done.
36	S&I of SP 2A MCB	Make:C&S/Havells/L&T/Siemens/Eaton. Make to make replacement be done.
37	S&I of 800/5A Resin cast CT	Make:Rishabh. Make to make replacement be done.
38	S&I of 500/5A Resin cast CT	Make:Tushar Trans Equipment Pvt Ltd,CL-0.5S,Burden-5VA. Make to make replacement be done.
39	S&I of 200/5A Resin cast CT	Make:Tushar Trans Equipment Pvt Ltd,CL-0.5S,Burden-5VA. Make to make replacement be done.
40	S&I of 100/5A Resin cast CT	Make:Tushar Trans Equipment Pvt Ltd,CL-0.5S,Burden-5VA. Make to make replacement be done.
41	S&I of 16A 3Pin Socket with Switch.	Make:Anchor/Pretty. 1 socket & switch in each set.
42	S&I of 100x50x6mm GI Channel	Make:SAIL/TATA/JINDAL/RELIABLE
43	S&I of 75x40x6mm GI Channel	Make:SAIL/TATA/JINDAL/RELIABLE
44	S&I of 50x50x6mm GI Angle	Make:SAIL/TATA/JINDAL/RELIABLE