

ANNEXURE-1

SDSC-SHAR

Schedule of supply & installation works

S.NO	QTY	PARTICULARS	UNIT
1	3350	Supply of 1.1kV grade 3CX4 sq.mm copper conductor XLPE insulated & FR LSH sheathed armoured heavy duty LT UG cable as per IS 7098 (Part 1) and complying with technical specification furnished in Annexure-2	m
2	2250	Supply of 1.1kV grade 4CX10 Sq.mm copper conductor XLPE insulated & FR LSH sheathed armoured heavy duty LT UG cable as per IS 7098 (Part 1) and complying with technical specification furnished in Annexure-2	m
3	1000	Supply of 1.1kV grade 4CX16 Sq.mm copper conductor XLPE insulated & FR LSH sheathed armoured heavy duty LT UG cable as per IS 7098 (Part 1) and complying with technical specification furnished in Annexure-2	m
4	300	Supply of 1CX6 Sq.mm copper conductor FR PVC XLPE insulated Flexible power cable for earthing and complying with technical specification furnished in Annexure-2	m
5		Laying of 2 / 3 / 3.5 / 4 core , 1.1 kV grade FRLS cables /XLPE cables armoured / unarmoured, aluminium / copper conductor cables in existing trench / on cable tray, on wall / floor / ceiling / above false ceiling / below false floor including transportation of cable to site, removing of trench / false ceiling/ false flooring covers and reclosing the covers after laying the cables in good condition with supply of all necessary materials such as brackets, clamps, MS spacers complete as required and as directed by Engineer-in charge.	
	6600	4/6/10/16 sq.mm	m

S.NO	QTY	PARTICULARS	UNIT
6	200	Supply, fabrication, assembling, erecting & fixing of the 300 mm(W) X50mm(H) size of pre-galvanised perforated cable tray in position at all heights and with all leads including structural steel works of welded built-up sections, including cutting of components to required lengths / widths and shapes / profiles, smooth machining of edges / faces, welding at joints of built-up sections / single sections for required weld lengths and sizes, painting all over with two coats of synthetic enamel paint of approved quality, make and colour / shade over one coat of red oxide zinc chromate primer with surfaces duly prepared to receive painting and the cable trays shall confirm to BIS/IEC standard IEC: 61537: 2006 & NEMA-VE-1-2009 complete as required.	m
7		Providing end terminations for 3 core , 4Core 1.1kV grade PVC / XLPE insulated armoured /unarmoured, copper conductor cables including supply of cable gland, lugs, neoprene bushes and other materials and tolls required complete with terminal connections, earthing of glands and as required and as directed by Engineer-in-charge.	
	175	3Core 4 sq.mm	nos
	180	4Core 10/16 sq.mm	nos
8	50	Supply and laying of electrolytic copper strip of 25 x 3 mm including supply and fixing using with GI spacers & saddles, welding with all fixing materials required and when laid inside the building and inclusive of excavation & refilling of earth when laid outside the building and tinning of all the joints & terminations interconnections with earth pit and equipment, terminations /interconnections in an approved manner as per IS:3043 (with latest amendments) inclusive of supply of all hardware complete. as required.	m