

**UNIVERSITY OF KERALA**

**ENGINEERING UNIT, KARIAVATTOM**

**TENDER SCHEDULE FOR THE REPLACEMENT OF DEFECTIVE SWITCHES AND PANEL MOUNTING METERS IN THE EXISTING LT PANEL OF 11 KV SUBSTATION  
AT KARIAVATTOM CAMPUS - RETENDER**

SI No	Qty	Unit	Description of Item	unit	Rate	Rate in words	Amount
1	7	Nos.	Dismantling the existing 250 A TPN switch Disconnecter fuse unit (GE make SPO 7) and Supply and fixing 250 A TPN switch Disconnecter fuse unit open execution type suitable for DIN fuse complete with handle assembly, door inter lock and padlocking arrangement after modification of the enclosure, front hinged door and painting inside and outside portion as per standards where ever necessary using suitable bolts and nuts with washers and giving connections etc as required <b>(GE make SPO 7/L&amp;T make)</b>	Each	10872.00	Rupees Ten thousand Eight hundred and seventy two only	76,104.00
2	6	Nos.	Dismantling the existing 400 A TPN switch Disconnecter fuse unit (GE make SPO 7) and Supply and fixing 400 A TPN switch Disconnecter fuse unit open execution type suitable for DIN fuse complete with handle assembly, door inter lock and padlocking arrangement after modification of the enclosure, front hinged door and painting inside and outside portion as per standard where ever necessary using suitable bolts and nuts with washers and giving connections etc as required <b>(GE make SPO 7/L&amp;T make)</b>	Each	15545.00	Rupees Fifteen thousand Five hundred and Forty five only	93,270.00
			<b><i>HRC fuses</i></b>				
3			S & F following HRC fuses				
			<b><i>DIN type fuse links</i></b>				
a	15	Nos.	415V 125A HRC fuse links 80A breaking capacity DIN type size - 1 (GE/L&T make)	Each	478.00	Rupees Four hundred and Seventy eight only	7,170.00
b	15	Nos.	415V 200A HRC fuse links 80A breaking capacity DIN type size - 1 (GE/L&T make)	Each	537.00	Rupees Five hundred and Thirty seven only	8,055.00
c	24	Nos.	415V 250A HRC fuse links 80A breaking capacity DIN type size - 2(GE/L&T make)	Each	689.00	Rupees Six hundred and Eighty nine only	16,536.00
4			<b><i>PANEL MOUNTING METERS - DIGITAL TYPE</i></b>				
a	7	Nos.	Three phase ammeter (A-R, Y, B) of accuracy class 0.50	Each	2240.00	Rupees Two thousand Two hundred and forty only	15,680.00
b	7	Nos.	Single phase ammeter of accuracy class 0.50	Each	1271.00	Rupees One thousand Two hundred and seventy one only	8,897.00

c	2	Nos.	Supply and fixing Three phase multifunction meters to read W, Wh or VA, VAh or VAR, VARh or pf, accuracy class 1 (DIRIS AP HPL SOCOMOC) (3X240 V 50 Hz, 3x200/5A)	Each	5912.00	Rupees Five thousand nine hundred and twelve only	11,824.00
d	5	Nos.	5-10A CT operated, 3 phase 4 wire KWh meter of accuracy class 1.	Each	3899.00	Rupees Three thousand Eight hundred and ninety nine only	19,495.00
e	27	Nos.	Supply and fixing 200/5 A, 5 VA, resin cast metering CT of accuracy class 0.5	Each	1073.00	Rupees One thousand and Seventy three only	28,971.00
f	7	Nos.	Supply and fixing 600/5A, 5VA, 10 P 5, tape wound protection CT	Each	1857.00	Rupees One thousand Eight hundred and fifty seven only	12,999.00
g	12	Nos.	Supply and fixing LED indicators for all voltage ranges - Red, Green, Black, Yellow or Orange Colour	Each	123.00	Rupees One hundred and twenty three only	1,476.00
h	5	Nos.	Supply and fixing 6A, 3 pole ammeter selector switch.	Each	213.00	Rupees Two hundred and thirteen only	1,065.00
5	1	No.	Charges for checking all connection in the panel board and tightening the connections, attending petty repairs where ever necessary and scrapping, cleaning and painting the total surface area with 2 coats of synthetic enamel paint etc as required the main panel board of size 4.8 length, 2.5 height, 0.8 thickness including checking and tightening the connections, attending petty repairs etc. as required.	Each	2735.00	Rupees Two thousand Seven hundred and thirty five only	2,735.00
6			Painting letters or figures of the following sizes with enamel paint as identification mark to SB, DB, panel board etc. as required				
a	500	Nos.	2.50 cm, 4 cm or 5 cm height	Each	12.00	Rupees Twelve only	6,000.00
7	5	Nos.	Supply and fixing handle assembly suitable for 400 A, TPN SDF	Each	771.00	Rupees Seven hundred and seventy one only	3,855.00
8	5	Nos.	Supply and fixing handle assembly suitable for 250 A, TPN SDF	Each	635.00	Rupees Six hundred and thirty five only	3,175.00
<b>TOTAL</b>							<b>Rs. 3,17,307.00</b>

**PAC Rs.3,17,307/- (Rupees Three Lakhs Seventeen thousand Three hundred and seven only)**

I/We agreed to execute the work.

1. ....% below the estimate rate.

2. .... % above the estimate rate.

3. At the estimate rate.

**CONTRACTOR**

**UNIVERSITY ENGINEER**











