

Sheet1

TENDER FOR ELECTRICAL WORKS AT NRAKODUR BRANCH (TENALI RBO)					
SL NO	DESCRIPTION	QTY	UNIT	RATE	Amount
1	Supply and fixing of double door 3ph 4way vertical DB with following 100A 4p MCCB – 01 no 25A SP MCB 07 nos for ACs / sign board 100A TP isolator – 1 no for COS	1	No		
2	Supply and fixing of double door 3ph 4way DB with following 63A 10KA 4P Isolator – 01 no Out going 6/10/32A SP MCB –12 nos, (LDB) (contractor has to carry out only if the same has not been provided by Land Lord)	1	No		
3	Supply and fixing of SP DB with following In coming – 63A DP isolator Out going 32A SP MCB – 02 nos, (UPS out put DB)	1	No		
4	Supply and fixing of DD SPDB with following-Incoming 40A DP isolator Outgoing10/15 A SPMCB- 8 nos (ups sub DB)	1	No		
5	Supply and fixing of DD SPDB with following-Incoming 40A DP isolator Outgoing10/15 A SPMCB- 6 nos (ups sub DB)(branch,ATM)	2	No		
6	Supply and fixing of double door 3ph 4way DB with following 100A 4P isolator – 01 no Out going 63A SP MCB – 3 nos for UPS, 25A SP MCB –02 nos for AC for system room /ATM 6A SP MCB – 01 no for ATM lighting (UPS/ ATM DB)	1	No		
7	Supply and fixing of 4 nos of 6 A sockets &1no 6A switch (indicator type) with suitable GI box including all interconnection (modular type)which to be provided separately for easy access.	8	Nos		
8	Same as above but 2 nos of 5/15 A socket with 1 no of indicator type switch (branch – 5, ATM-4)	9	Nos		
9	Wiring with 2 x 2.5 sq mm &1 run of 1.5 sq mm 650 grade PVC insulated multi stranded cu wire in 2 mm thick PVC conduit for computerTerminal.	16	nos		
10	Same as above but looped from above points	1	No		
11	Same as above but with 2 run of 4 sq mm & 1 run of 2.5 sq mm copper wire for UPS sub DB & AC	225	mtr		
12	Same as above but with 2x6 sq mm copper wire for UPS in/out	16	mtr		

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13	Same as above but with 4x4 sq mm copper wire from COS to LDB DB,	25	Mtr		
14	Same as above but with 4x6 sq mm copper wire from COS to UPS DB	25	Mtr		
15	Same as above but with 3x4 sq mm copper wire in PVC conduit for capacitor	3	mtr		
16	Providing standard GI pipe earth station with 40 mm GI pipe as per IS3040-1987	1	no		
17	Providing standard copper plate earthing with 600x600x315 mm copper plate as per IE rule	1	No		
18	Supply and fixing of 8 swg copper wire in pvc pipe	40	mtr		
19	Supply and laying of 10 swg GI wire for BDS,SFU and C/O switch	20	mtr		
20	Wiring with 3x1.5 sq mm ,650 grade multistranded copper wire in casing capping/PVC conduit concealed in wall/partition for <u>raw power point in counters</u> with supply and fixing of 2 nos 5 A socket(2/3 pin type) with 1 no 5A switch (modular type) in GI box.	3	nos		
21	Same as above but looped from nearest raw power pt	1	Nos		
22	Supply and fixing of 400 mm wall fan (BM- 1.)	1	no		
23	Supply and fixing of 1200 mm ceiling fan with suitable down rod. CG(high speed). Note- fan height from ground should not be less than 7'6". (BH -4, Counter-03, CO -1, safe/locker/ups/record-4)	12	nos		
24	Supply and fixing of step type modular fan regulator(1 module) in existing S/B	12	nos		
25	Supply and fixing of anchor hook for ceiling fans	12	nos		
26	Supply and fixing of 9" exhaust fan in toilet	3	nos		
27	Supply and fixing of 12" exhaust fan in UPS room	1	no		
28	Point wiring with 3x1.5 sq mm copper wire in PVC pipe and modular switch with GI box concealed in wall including circuit wiring of 3x2.5 sq mm copper wire (G floor)	10	nos		
29	Same as above but loop from nearest point (or) Extension of existing point	20	nos		
30	Supply and fixing of 5A 2/3 pin type socket with switch control in switch board	4	Nos		

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31	Supply & fixing of 5 A 2/3 pin type socket with switch(modular) in suitable GI box concealed in wall at switch board including 3x1.5 sq mm copper flexible pvc insulated wire in PVC pipe for wall fan, raw power points. (for wall fans, socket to be installed at suitable height)	7 nos		
32	Supply & fixing of 5/15A A socket with switch(modular) in suitable GI box concealed in wall/partition including 3x2.5 sq mm copper flexible pvc insulated wire in PVC pipe (CO,water cooler etc) (power will be tapped from DB)	2 Nos		
33	Supply & fixing of fluorescent/CFL light fixtures with standard down rod/chain links, round blocks etc including all interconnections			
A	Philips green square 38w RC140B LED 295-6500PSE WH (with out frame) (counter,BM)	5 Nos		
B	Green LED BBS 170 1XD LED (Philips make) (branch,ATM)	21 Nos		
C	TMS 122 M X TL528 EBE (PHILIPS)	11 Nos		
D	11w CFL wall light with 11 w lamp(compact - minolta)	5 Nos		
E	1x18 watt CFL light fixture for portico (compact – moon light)	0 Nos		
34	Supply & fixing of RJ 11 tel jack with 2 socket (modular)	3 nos		
35	Supply & fixing of Telephone junction box with suitable connector	1 no		
36	Wiring with 0.5 mm dia 2 pair telephone wire in casing capping	100 mtr		
37	Supply and fixing of patty type 100A Kit Kat fuse with carrier and N - link in a wooden board	1 set		
38	Supply and fixing of 3x2.5 sq mm copper wire in PVC pipe for SBI board	20 mtr		
39	Supply and fixing of 63A 4P ON LOAD COS with enclosure	1 no		
40	Supply and laying of 4 core 16 sq mm pvc insulated aluminium conductor armoured U/G cable with suitable clamp and 8 swg wire including suitable cable termination from VDB to COS.	10 Mtr		
41	Supply and laying of 3X1/2 25 sq mm pvc insulated aluminium conductor armoured U/G cable with suitable clamp and 8 swg wire including suitable cable termination from cut out to VDB.	30 Mtr		

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42	Supply and fixing of industrial socket with 25A SP MCB & plug top or 25 A DP MCB with enclosure & suitable connector for AC point AC points	9 nos		
43	Supply and fixing of 3 kvr heavy duty capacitor	1 no		
44	Supply and fixing of 20 A TP MCB with enclosure	1 no		
45	Supply and fixing of 03 nos of LED lamp (R,Y,B) with 03 nos of pendent holders and 03 nos of 5A piano type switch fixing in a suitable wooden board and wiring with 3x1.5 sq mm copper flexible wire in pvc pipe for tapping power from cut out	1 set		

TOTAL

LIST OF APPROVED MAKE

WIRE

FINOLEX,Q FLEX,ANCHOR,L&T,HAVELS

MODULAR SWITCH

RPG,POLYCAB,KEI

DB & MCB

MK INDIA,TOYOMA,MDS

LIGHT FIXTURES

MDS,L&T(HAGER),HAVELS

FANS

PLILIPS,BAJAJ,C/G

CABLE

C/G,HAVELS,BAJAJ

SFU

UNIVERSIAL,GLOWSTAR,POLYCAB,CCI

COS

L&T, HAVELS, HPL,C&S

MS CONDUIT

HPL

PVC CONDUIT/CASING

GUPTA,BHARAT

SUDHAKAR, MODI