

P. V DAYANAND
EXECUTIVE ENGINEER

No: EE/CMU/19-20/07
22nd March, 2021.

No. EE/NIRD/20-21/NIQ/06 .

Sub: Providing of Electrification for Renovation of C-type Quarters C-42 & C-63 NIRD&PR.
- Reg.

NIRD&PR is an organization of the Ministry of Rural development and Panchayati Raj, Govt. of India located at Rajendranagar, Hyderabad 500030. We request you to quote for the above mentioned work for the following items. The downloaded Quotations should be filled and sealed, submitted to under signed on or before **31.03.2021**, the same will be opened on the same day in front of bidders.

Sl. No.	Code No.	Description of items	Quantity		Rate	Amount
1	1.10.	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
1.1	1.10.2	Group - B	6	Pts.		
1.2	1.10.3	Group - C	34	Pts.		
2	1.14	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
2.1	1.14.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	130.00	Mtrs.		
2.2	1.14.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	50.00	Mtrs.		
2.3	1.14.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	30.00	Mtrs.		
3	1.27	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
3.1	1.27.3	4 Module (125mmX75mm)	12	Nos.		
3.2	1.27.4	6 Module (200mmX75mm)	2	Nos.		
3.3	1.27.6	12 Module (200mmX150mm)	8	Nos.		

4	1.28	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
4.1	1.28.3	4 Module	12	Nos.		
4.2	1.28.4	6 Module	2	Nos.		
4.3	1.28.6	12 Module	8	Nos.		
5	1.24	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
5.1	1.24.1	5/6 A switch	16	Nos.		
5.2	1.24.3	15/16 A switch	6	Nos.		
5.3	1.24.5	3 pin 5/6 A socket outlet	16	Nos.		
5.4	1.24.5	6 pin 15/16 A socket outlet	6	Nos.		
6	1.26	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	40	Nos.		
7	MR	Supply, Installation, testing and commissioning of Wall mounted LED type Bulkhead fitting with lumen output not less than 700 lumens and 6 Watts complete with LED module, driver unit duly wired directly on wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	8	Nos.		
8	MR	Supply Installation Testing and Commissioning of surface mounted LED Mirror fitting having system output not less than 600 Lumens and wattage not more than 7W and latest LED technology of consistent light output, stable color performance and colour temperature not less than 5700K and energy saving, suitable for use on 230V, 50Hz, A.C supply including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc., as required.	2	No.		
9	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
9.1	2.3.3	12 way, Double door	2	No.		

10	2.10.	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
10.1	2.10.1	Single pole	20	Nos.		
10.2	2.10.3	Double pole	2	No.		
11	MR	Supplying of following size XLPE insulaed aluminium conductor armoured UG cable of 1.1 Kv grade confirming to IS: 1554 (Part-I)1988 duly ISI marked complete as required.				
11.1		3 1/2 x 25 Sq.mm	56	Mtrs.		
12	7.1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
12.1	7.1.1	Upto 35 Sq.mm	56	Mtrs.		
13	9.1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
13.1	9.1.20	3½ X 25 sq. mm (28mm)	4	Sets.		
14	1.41	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	8	Nos.		
15	1.44	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	8	Nos.		
16	MR	Supply of 300mm dia corrosion resistant epoxy powder coated heavy duty metallic exhaust fan conforming to IS: 2312-1967 along with complete accessories including metallic louver shutters suitable to work on 230Volts, single phase, 50 Hz, AC supply as required.	2	No.		
17	1.50.	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				

17.1	1.50.1	Upto 450 mm sweep	2	No.		
18	MR	Supplying and fixing Ding Dong Bell suitable for single phase, 230 volts, complete as required.	2	No.		
19	MR	Fixing of 9 Watts LED bulb including supply and fixing of angle holder etc, complete as required.	12	Nos.		
20	MR	Dismantling of existing wood batten wiring, main switches, fittings and fans including transportation charges from site to stores and handed over to the client department etc, as required per the directions of the Engineer-in-charge.	2	Job.		
		Total Rs.				

(Rupees

only)

Terms & Conditions:

1. The rates quoted should be inclusive of all taxes
2. Material suppliers confirmed ISI standard.
3. The material should be supplied at the site as directed by the Executive-in-charge in good condition and nothing extra will be paid for transportation.
4. Duration of completion period 90 days
5. ITL for display in Web site.

Yours faithfully
For on behalf of Director General

Executive Engineer

LIST OF ACCEPTED MAKES FOR ELECTRICAL WOEKS

S. No	Description of item	Preferred Makes		
1.	PVC Insulated Copper Conductor SC Cable.	Finolex	Standard	Havells
	FRLS & F.R/WP Copper conductor services cables (ISI Marked)/ Submersibles cables	Havells Art	Power flex	Fortune
2.	PVC Conduits (ISI Marked)	Avonplast	Diamond	Sudhakar
3.	PVC Mini trunking/Cable management system and accessories	Legrand/MK		
4.	MCB (ISI Marked) /RCCB ISI Marked/ MCB blanking plates	LEGRAND/SEIMENS SCHNEIDER		
5.	MCBDB, Indl. Socket Outlets Isolator			
6.	MCCB	LEGRAND/SEIMENS/SCHNEIDER		
7.	Pinao Type (ISI Marked) Switches& Sockets/Call bell/Buzzer.	Anchor	leader	
8.	Modular Type Switches, Sockets, Boxes, Plates/ Sheets Fan Regulator Step Type, telephone Cable Socket, TV Socket, LAN	MK Blenze Anchor Roma Legrand Myrius		
9.	UG Cables (Copper /Aluminium)	Fortune Art Havells	Gloster CCI	Universal Polycab
10.	Ceiling Rose (ISI Marked)	Antex Leader	Emperor	Anchor
11.	Phenolic Laminated sheet (ISI Marked)	Hylam	Formica	
12.	GI Pipe ((ISI Marked))	Zenith	Jindal	Tata
13.	Geysers/ Storage water heater	Crompton Recold	Bajaj	
14.	SDFU	L & T	GE	SIEMENS
15.	PVC Insulated Copper Conductor Telephone cable.	Finolex	Standard	Anchor
	FRLS & F.R (ISI Marked)	L & T Power flex	Havells Delton	Gloster
16.	Wall Bracket fan	Almonard	Crompton	Bajaj
17.	Fresh Air fan / Exhaust fan / Ceiling fan	Crompton	Bajaj	
18.	CFL fitting/ Bulk Head Luminaries/T-5/MH/HPSV Luminaries	Philips	Crompton	

19.	Steel conduits	Gupta	Bharat
20.	CFL Lamps/ HPSV/ lamps/ T5 lamps/ MH lamps	Philips	Crompton Bajaj
21.	Brass Batten holders	Kinjal	Antex
22.	Digital Meters	Conzerv	
23.	CT's	AE	Kappa IMP
24.	Phase indicating lamps	Vaishno	Kaycee
25.	HRC fuses	L&T	GE Siemens
26.	DPL trunking	Legrand	MK
27.	Surface mounted 2' x2' LED fitting	PHILIPS: Type Wing-C Quadra Model No. TBS571 4xTL5-14 Watts EBP D6DF-WH or sumialr to equivalent fittings	
28.	Ceiling fans	CROMTION GREAVES: MODEL No. AURA ORIENT: GRATIA	
29.	Exhaust fans	CROMTION : BRISK AIR or similar to ALMONARD / BAJAJ	
30.	Motor starter	MK Blenze/Leggrand	
31.	6 metrs. Long swaged tubular pole.	LAASMA / MAHINDRA / K-LITE	

CONTRACTOR

EXECUTIVE ENGINEER

GENERAL TERMS AND CONDITIONS:

1. The work in general shall confirm to CPWD specifications Vol.-I, Vol.-VI/ electrical specifications with up to date correction slips and as directed by the Engineer-in-charge.
2. The rate shall be mentioned both in figures and words, the rates mentioned in words will be taken as correct rates.
3. The rates are net and inclusive of all taxes transport royalty, VAT, Octroi etc. and nothing extra to be paid on any account.
4. No T & P will be issued by NIRD.
5. A variation of 10% is allowed in quantities for all the times.
6. The contractor should make his own arrangements for all the materials including cement, steel etc., and shall be kept under the control of the Executive Engineer, NIRD, ISI, approved products only shall be used.
7. The water is to be arranged by the contractor at his own cost, if any time the water is supplied by NIRD a deduction of 1% of the bill amount will be deducted from the bill.
8. The payment will be made as per actual measurements.
9. Any damage to the adjacent structure shall be made good by the contractor at his own cost.
10. The right to reject any or all the tenders reserve with the EE NIRD.
11. The contractor shall clear the site properly after completion of the work.
12. The income tax and other statutory recoveries will be recovered from the gross amount of the bills as per rules.
13. The time limit for the completion of the work is as mentioned in tender notice and any delay beyond the stipulated time period compensation will be levied from the contractor as per CPWD rules.
14. No labour will be allowed to stay in the campus in nights however the chowkidar who looks after the materials of the contractor will be allowed to stay.
15. The contractor should procure cement (OPC) from the reputed companies such as CORAMANDEL, KCP., ACC., AMBUJA, ULTRA TEK etc., as directed by Engineer-in-charge.
16. The contractor should procure steel from the reputed firms.
17. The contractor has to submit the VAT Registration certificate before recording 1st Running Account bill.

Contractor

EXECUTIVE ENGINEER