

CENTRAL ELECTRICITY REGULATORY COMMISSION

Ground Floor, Chanderlok Building
36, Janpath, New Delhi – 110 001

No. ADMIN-1/7(3)-2016-CERC

Dated, the 14th Jul, 2021

To,

CPWD registered vendor

Sub: Quotation for Installation of Electric, Telephone and Internet/Network connections in the new workstations at upper ground floor (Library) & 4th floor (Back Side & Outside of court rooms) of CERC, Chanderlok Building, 36, Janpath, New Delhi.

Central Electricity Regulatory Commission, a statutory body set up under an Act of Parliament, invites sealed quotations from CPWD registered vendors for installation of electric, telephone and internet/network connections in the new workstations at upper ground floor (Library) & 4th floor (Back Side & Outside of court rooms) of CERC, Chanderlok Building, 36, Janpath, New Delhi -110001.

2. The detailed scope of work and quantity of materials required are given below:-

2.1 **Scope of Work.** The whole work is to be considered as a Turnkey Project. The firm which is awarded the contract, shall complete the whole work (including electrical, networking, telephone connections, ups connections, associated civil work etc.) and hand it over to CERC in a fully functional state.

2.2 List of items and other details is as under:-

Name of Work: Installation of Electric, Telephone and Internet/Network connections in the new workstations at upper ground floor (Library) & 4th floor (Back Side & Outside of court rooms) of CERC, Chanderlok Building, 36, Janpath, New Delhi.			
S. No	Description of Items	Qty	
1	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 steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.		
a)	Group C	23	Pts.
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.		
a)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	115	Mtrs.

3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.		
(a)	3 x 4 sq. mm	850	Mtrs.
(b)	3 x 6 sq. mm	75	Mtrs.
4	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.		
(a)	4 Pair	760	Mtrs.
5	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.		
(a)	25 mm	70	Mtrs.
(b)	40 mm	250	Mtrs.
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.		
(a)	15/16 A switch	70	Nos.
(b)	6 pin 15/16 A socket outlet	140	Nos.
(c)	Telephone socket outlet	35	Nos.
(d)	TV antenna socket outlet	35	Nos.
7	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.		
(a)	1 or 2 Module	35	Nos.
(b)	3 Module	35	Nos.
(c)	8 Module	35	Nos.
8	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.		
(a)	1 run of cable	760	Mtrs.
9	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)		
(a)	12 way , Double door	3	Nos.
10	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 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)		

(a)	8 way (4 + 24), Double door	1	No.
11	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.		
(a)	Single pole	54	Nos.
(b)	Double pole	5	Nos.
12	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
(a)	100 A	1	No.
13	Supplying and fixing DP sheet steel enclosure on surface/recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	2	Nos.
14	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	3	Nos.
15	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.		
(a)	450 mm width X 50 mm depth X 2.0 mm thickness	45	Mtrs.
16	Installation, testing and commissioning of surface/recess mounted 30-36 watt LED luminaries of size approx <= 600 mm x 600 mm. The fitting shall be mounted on cutout of false ceiling or on surface with 2 no. metallic chain / rod for suspension or with dash fasteners including connection complete etc. as required.	23	Nos.
17	Supplying , fixing & Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering etc. complete as required.		
a)	4 x 16 sq. mm copper conductor armoured cable	26	Mtrs
18	Supplying and fixing of network rack of suitable size having 24U for supporting equipment pertaining to Audio/video system with front & rear locable doors i/c providing caster wheels and all other accessories for easy store and movement etc. Complete as required.	1	No.

19	Supplying, Installation, testing and commissioning of Kron Tag Box of 50 pair for telephone work duly painted etc as required.	1	set
20	Supplying and fixing aluminium channel with partition / cover / joint / clips/ end caps / angles etc. as required for drawing wires and erection of flexible outlets / switches etc complete as required.		
(a)	(a) 50 mm x 25 mm	120	Mtr

3. **Terms & Conditions**

- 3.1 CPWD registered Contractors in Composite Categories are eligible to participate in Quotation Process.
- 3.2 The contractor must have ESI/EPF enrollment.
- 3.3 The Copy of latest deposition slip should be incorporated with quotation document while quoting the rate.
- 3.4 The work shall be carried out as per **relevant** CPWD General Specifications for Electrical and Civil works.
- 3.5 No T & P shall be issued by the department.
- 3.6 Free water and power supply shall be supplied to the contractor by department during installation, testing and commissioning period.
- 3.7 The rates quoted shall be inclusive of all Taxes and duties, nothing extra shall be paid on this Account.
- 3.8 All the LED Bulbs / Fittings shall be guaranteed for a period of 1 Year.
- 3.9 The contractor shall be responsible for engagement of labour keeping in view the work, site and time period for completion of work assigned.
- 3.10 Any damage to the existing fittings shall be replaced by the contractor at his own cost and risk, to the entire satisfaction of the AS (P&A).
- 3.11 The makes of material will be as per undermentioned list of approved makes against each item of work.

LISTS OF APPROVED MAKES

S.No	DESCRIPTION OF ITEM	MAKES
1.	Modular type Switch/Socket/ CAT 6 Socket/ Telephone Socket/ DP/ Regulator	Honeywell /Legrand / ABB.
2.	Conduit	DEC/ AKG / National
3.	FRLS/ FS-LHS Wire	Polycab/ KEI/Finolex/RR Kable
4.	CAT 6 Lan Cable	Legrand/ D-Link
5.	Telephone Cable	Delton/ finolex/ DG link / Polycab

- 3.12 Contractor shall be responsible for conduct of staff/workers deployed at site of work.
- 3.13 If any item is to be different than whatever mentioned in the schedule of work it should specifically be brought out to the notice of deptt while quoting for the tender.
- 3.14 The work is to be carried out in building having very strict regulations. The persons engaged on work must have good character antecedents. The contractor should familiarize himself with the process of obtaining entry passes/entry tokens.

- 3.15 No claim for wastage of labour due to non-issuance of entry token/entry passes shall be considered by the Department.
 - 3.16 The agency is required to complete work within 30 days {i.e. only Saturday, Sunday, Closed Holiday and after officer hours (06:30 PM)} from the date of award of contract.
 - 3.17 The firm must have a valid PAN Number (copy to be attached)
 - 3.18 The firm must have a valid GST Number (copy to be attached)
4. The bidder shall submit an undertaking in support of the claim that he/she has not been blacklisted during the last three years by any organizations/ Government Departments.
 5. Evaluation of bid would be on the basis of lowest rate quoted.
 6. The prices should be inclusive of cartage and transportation of goods etc. CERC will not pay any extra charges for cartage and transportation of goods. GST, if any, shall be payable extra.
 7. The agency is required to complete work within 30 days from the date of award of contract.
 8. Before quoting the rates, the bidders may inspect the site on any working day from 14th Jul, 2021 to 23rd Jul 2021 between 10.00 AM to 13.00 Noon.
 9. **TOOLS and EQUIPMENTS** - The agency shall arrange at its own expenses all necessary tools, equipment's and required parts for proper execution of the work.
 10. **SATISFACTORY SERVICES** - The decisions of Assistant Secretary (P&A), CERC or any other officer authorized by the Secretary, CERC, shall be final and binding on the firm / agency for the purpose of determining satisfactory services.
 11. **PROHIBITION OF SUB CONTRACT** - The firm / agency shall not appoint any sub-contract for this work under any circumstances.
 12. The payment shall be released through RTGS/NEFT on satisfactory completion of entire work. No advance payment will be made in any case.
 13. **DEDUCTION OF INCOME TAX AT SOURCE** - Since it is a "Works Job Order", Income Tax shall be deducted at source from all the accepted payment to be made, in accordance with the provision of Income Tax Act, 1961 as amended from time to time.
 14. **RESOLUTION OF DISPUTE** - In case of dispute the decisions of Secretary, CERC shall be final.
 15. **Penalty Clauses:-** In case of failure on the part of agency or delay in completion of work, the CERC shall have the discretion to get it rectified/ completed from other sources at contractor's risk and cost.
 16. Quotations strictly as per the above specification may kindly be sent to the undersigned in sealed cover on or before the 26th Jul, 2021, up to 15.00 hrs.

17. The Secretary, CERC reserves the right to accept or reject any or all the quotations without assigning any reason whatsoever.

-Sd/-
(Sachin Kumar)
Assistant Secretary (P&A)
Tel: 23793921

DECLARATION

To,

The Assistant Secretary (P&A),
Central Electricity Regulatory Commission,
3rd Floor, Chanderlok Building,
36, Janpath, New Delhi-110001.

Sir,

I have actually inspected the site on _____ and have carefully gone through the Terms & Conditions contained in the Tender Document No. _____ dated _____ Jul, 2021. I hereby declare that my firm has not been debarred/black listed by any reputed Government / Semi Government organizations for quality/ service products within the last three years nor is there any pending dispute regarding short shipment/ installation/service. I further certify that I am an authorized signatory of my company/firm and am, therefore, competent to make this declaration.

Yours sincerely,

Name: _____

Designation : _____

Company/firm: _____

Address: _____

CENTRAL ELECTRICITY REGULATORY COMMISSION

Quotation for Installation of EI, Power points and providing computer outlets in work station- upper ground floor (Library) & 4th floor (Back Side & Outside of court rooms) of CERC, Chanderlok Building, 36, Janpath, New Delhi.

1. Name of the Firm _____

2. Address _____

3. Telephone No: _____ Fax No. _____

Sl. No.	Description	Rate quoted	Remarks (if any)
(a)	Cost of consumable and miscellanies items for Electrical, Telephone and Internet/Networking connection including labour and installation charges as per Annexure -II		
(b)	MISC Charges if any		
	Sub Total		
	Total GST Charge for above items and works		
	Grand Total		

(Signature of the authorized signatory of the Firm)

Full Name _____

Mobile No. _____

Company Seal _____

Dated:

**LIST OF ELECTRICAL TELEPHONE AND INTERNET/NETWORKING
CONNECTION WORK, REQUIRED CONSUMABLE ITEMS AND OTHER MISC
WORK**

Name of Work: Installation of EI, Power points and providing computer outlets in work station- upper ground floor (Library) & 4th floor (Back Side & Outside of court rooms) of CERC, Chanderlok Building, 36, Janpath, New Delhi.						
Sl. No.	Description of Items	Qty		Rate	Unit	Amount
1	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 steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.					
a)	Group C	23	Pts.		Each	
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
a)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	115	Mtrs.		P/mtrs	
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
(a)	3 x 4 sq. mm	850	Mtrs.		P/mtrs	
(b)	3 x 6 sq. mm	75	Mtrs.		P/mtrs	
4	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/					

	recessed steel/ PVC conduit as required.					
(a)	4 Pair	760	Mtrs.		P/mtrs	
5	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
(a)	25 mm	70	Mtrs.		P/mtrs	
(b)	40 mm	250	Mtrs.		P/mtrs	
6	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
(a)	15/16 A switch	70	Nos.		each	
(b)	6 pin 15/16 A socket outlet	140	Nos.		each	
(c)	Telephone socket outlet	35	Nos.		each	
(d)	TV antenna socket outlet	35	Nos.		each	
7	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.					
(a)	1 or 2 Module	35	Nos.		each	
(b)	3 Module	35	Nos.		each	
(c)	8 Module	35	Nos.		each	
8	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.					
(a)	1 run of cable	760	Mtrs.		P/mtrs	
9	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)					

(a)	12 way , Double door	3	Nos.		each	
10	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 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)					
(a)	8 way (4 + 24), Double door	1	No.		each	
11	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.					
(a)	Single pole	54	Nos.		each	
(b)	Double pole	5	Nos.		each	
12	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
(a)	100 A	1	No.		each	
13	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	2	Nos.		Each	
14	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained	3	Nos.		each	

	metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.					
15	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.					
(a)	450 mm width X 50 mm depth X 2.0 mm thickness	45	Mtrs.		P/mtrs	
16	Installation, testing and commissioning of surface/recess mounted 30-36 watt LED luminaries of size approx <= 600 mm x 600 mm.The fitting shall be mounted on cutout of false ceiling or on surface with 2 no. metallic chain / rod for suspension or with dash fasteners including connection complete etc. as required.	23	Nos.		Each	
17	Supplying , fixing & Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering etc. complete as required.					
a)	4 x 16 sq. mm copper conductor armoured cable	26	Mtrs		P/mtr	
18	Supplying and fixing of network rack of suitable size having 24U for	1	No.		Each	

	supporting equipment pertaining to Audio/video system with front & rear locable doors i/c providing caster wheels and all other accessories for easy storation and movement etc. Complete as required.					
19	Supplying, Installation, testing and commissioning of Kron Tag Box of 50 pair for telephone work duly painted etc as required.	1	set		P/set	
20	Supplying and fixing aluminium channel with partition / cover / joint / clips/ end caps / angles etc. as required for drawing wires and erection of flexible outlets / switches etc complete as required.					
(a)	(a) 50 mm x 25 mm	120	Mtr		P/mtr	
(b)	Cost of cutting of Wooden floor/RCC floor and its repair work (including Materials)	As per the requirement				
					Total Amount	
					Any Misc. Charges	
					Total GST Charge for above items and works	
					Grand Total	

Dated: _____ (Signature of the authorized signatory of the Firm)

Full Name _____

Mobile No. _____

Company Seal _____