



Institute Works Department

Ref. No.: IIT(BHU)/IWD/ET-30/2019-20/2105

Dated: 17/01/2020

QUOTATION NOTICE

1. Limited tender quotations are invited from EWSS (BHU), UWD (BHU) empaneled contractors and those contractors who had worked in erstwhile IT(BHU) before conversion i.e. 29.06.2012 for **Electrical wiring works in various departments and offices, IIT (BHU)** as per description below. The sealed envelope containing quotation shall be super scribed with the name of the work, tender enquiry ref. no. & date. The quotations will be received up to **27.01.2020 (15:00 Hrs.)** in the office of the **Superintending Engineer, Institute Works Department, IIT(BHU), Varanasi.**

S. No.	Description of items	Qty	Rate	Amount
A	Supply and Installation of power points and Surface Lights in various section of admin building			
1	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. (Make: Finolex /Polycab/L&T)			
1.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	350	Mtrs	
1.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	400	Mtrs	
1.3	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	60	Mtrs	
1.4	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	25	Mtrs	
2	Supplying and fixing 4 way (4 + 12), Double door , 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). (Make: ABB/L&T/Indoasian/Legrand)	1	Nos	
3	FP MCB 63 A	1	Nos	
4	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of Single Pole in the existing MCB DB complete with connections, testing and commissioning etc. as required . (Make: ABB/L&T/Indoasian/Legrand) .	40	Nos	
5	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of Double Pole in the existing MCB DB complete with connections, testing and commissioning etc. as required . (Make: ABB/L&T/Indoasian/Legrand) .	2	Nos	
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required . (Make: ABB/L&T/Indoasian/Legrand)	40	Nos	



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7	Supplying and fixing 12 way, Double door , 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) .(Make: ABB/L&T /Indoasian/ Legrand)	2	Nos		
8	Supplying and fixing of 2x2 surface LED light 36W. (Make : Philps/ Wipro)	10	Nos		
B	Electrical wiring works for installation of drill machine and lathe machine of ID lab and Machine Shop				
9	Supplying and laying of 4C*10 Sqmm Armoured aluminium cable including cuttin of PCC floor and making good of the same	75	Mtrs		
10	Supplying and fixing 40A FP MCB in sheet steel enclosure. .(Make: ABB/L&T /Indoasian/ Legrand)	5	Nos		
C	Installation of Power Point for Projector in Architectural Department				
11	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. (Make: Finolex /Polycab/L&T)				
11.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	25	Mtrs		
12	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.(Make: ABB/L&T /Indoasian/Legrand)	6	Nos		
13	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of Single Pole in the existing MCB DB complete with connections, testing and commissioning etc. as required . (Make: ABB/L&T /Indoasian/Legrand).	2	Nos		
C	Earthing Works in department of Bio Chemical Engineering				
14	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	1	Nos		
15	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	25	Mtrs		
C	Installation of main switches for Machine in Production Lab , Department of Mechanical Engineering				
16	Supplying and laying of 4C*16 Sqmm Armoured aluminium cable including cutting of PCC floor and making good of the same(Make: Gloster / KEI/ Polycab)	25	Mtrs		
16.1	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	15	Mtrs		
17	Supplying and fixing 40A FP MCB in sheet steel enclosure. .(Make: ABB/L&T /Indoasian/ Legrand)	1	Nos		
18	Supplying, installing, testing and commissioning of following capacity TPN tap off box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on existing rising mains complete with TPN disconnecter FSU and HRC fuses, connections, earthing etc. as required. (Make: ABB/L&T /Indoasian/ Legrand)	1	Nos		
D	Providing plug point ofr UPS in Green Energy and Solid State Ionic Lab in Deparment of Physics.				



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18	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.(Make: Finolex / Polycab/L&T)				
18.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	30			
18.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	60			
18.3	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	40			
19	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 Nos. 3 pin 5/6 A modular socket outlet and 2 Nos. 5/ 6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings). (Make: ABB/L&T/ Indoasian/ Legrand)	12	Nos		
20	Supplying and fixing 6 way, Double door, 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) (Make: ABB/L&T/ Indoasian /Legrand)	2			
21	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. (Make: ABB/L&T/ Indoasian /Legrand)				
21.1	Single pole	4			
21.2	Double pole	4			
22	Supplying and fixing of 2x2 surface LED light 36W (Make : Philips/ Wipro)	7	Nos		
23	S/I/T/Commissioning of Street Light/Road LED light High performance IP 66 LED Street light fitting Capacity-70 W . (Make : Philips/ Wipro)	4	Nos		
E	Supply and installation of Lights and making light and power point in chamber of Dean/Associate Dean in office of Academic Affairs.				
24	Supplying and fixing of 2x2 surface LED light 36W (Make : Philips/ Wipro)	9	Nos		
25	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. Group C ..(Make: Finolex / Polycab/L&T)	9	Nos		
F	Electrical work in Lab No 67 in Department of Phamaceutical Engineering				
26	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.				
26.1	Group C	7	Points		



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27	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.				
27.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	30	Mtrs		
27.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	80	Mtrs		
27.3	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	20	Mtrs		
28	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 Nos. 3 pin 5/6 A modular socket outlet and 2 Nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings).	2	Nos		
29	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	10	Nos		
30	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				
30.1	Single Pole MCB	6	Nos		
31	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, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	1	Nos		
32	Supplying and fixing extra conduit down rod of 20 cm length G.I. pipe 15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	3	Nos		
33	Supplying and fixing of 2x2 Pure Surface LED light Fittings	4	Nos		
34	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.	1	Nos		
		Grand Total			

NOTE:

- Work completion Period-45 Days
- Amount and quantity variation: Quantity may vary as per actual work execution/site requirement/end user suggested changes during execution but the final bill value shall not exceed more than 5% of order value.
- Due Date-1 week and Commercial terms & condition as per standard
- Taxation included as per applicable rule of GST.
- Warranty period : - 01 year for all above works after handing over of user certificate.
- All electrical works shall comply to applicable IS electrical safety norms.
- Any loss of material/ manpower during the execution of works shall be responsibility of the contractor.



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- For execution of above works all accessories shall be arranged by contractor at their end.
 - Contractor must have valid Electrical Safety Certificate issued by The D.G.- Electrical Safety.
 - Any other losses occurring during the execution of above work shall also be the responsibility of the contractor
 - All works shall be executed by skilled electrician under the supervision of qualified supervisor.
 - Quality of work must comply with CPWD norms.
2. The bidders should submit self certified order copies of similar type of works executed during last three financial years along with self certified copies of satisfactory work completion certificates.
3. Those bidders who have already executed similar type of works in IWD, IIT(BHU) need not submit satisfactory work completion certificates. They should submit only the self certified copies of earlier work orders.
4. The amount of similar work order executed during preceding last three financial years should be at least:
- (i) 1 order of 80% of estimated cost of this work.
- OR
- (ii) 2 order of 60% of estimated cost of this work.
- OR
- (iii) 3 order of 40% of estimated cost of this work.
5. (a) Intending bidder should have average annual financial turnover of at least at least 30% of the estimated cost of this works during preceding last three financial years. **Self certified photocopies of certificate from CA to be submitted with bid.**
- (b) Should not have incurred any loss in more than three years during the preceding three financial years ending 31st March, 2019. **Self Certified photocopy of certificate from CA to be submitted alongwith last five years Profit & Loss Account to be submitted with bid.**
- (c) Should have a solvency certificate of **40%** of the estimated cost issued by Bank during the last six months. **Certified copy of original solvency certificate to be submitted with bid.**



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6. Any bid submitted without the above mentioned documents in support of criteria laid down from Sl. No. 2 to 5 above shall be treated as unresponsive and may not be considered for further evaluation by the tender opening committee.
7. The quotation forms complete in all aspects along with all required documents should be submitted in sealed envelope along with **tender fee of 590/-** in the form of demand draft drawn in favour of the Registrar, IIT (BHU), payable at Varanasi
8. The estimated cost of this work is **4,73,892.00** inclusive of applicable GST. The **earnest money deposit of 12,000.00** shall be submitted in the form of FDR or DD in favour of the Registrar, IIT (BHU), payable at Varanasi. The **EMD** of successful bidder will be retained till the completion of work and shall be returned along with security deposit. The EMD of unsuccessful bidders shall be returned after the final award of work.
9. In case one or more eligible bidders are found lowest that is the L-1 prices are same then all L-1 bidders will be asked to resubmit their bids in sealed envelope with the objective to break the tie cases and determine a single L-1 bidder.
10. The works will be executed on Agreement/work order basis.
11. Institute reserves the right to reject any quotation or all quotation without prejudice, assigning any reason or giving any explanation.
12. If quotations are submitted without clearly writing the rates and total amount then quotation shall be rejected.
13. Quotation not stamped & signed by the contractor or his legally authorized agent will be considered invalid.
14. **Security deposit @ 5%** shall be deducted from each bill. The security deposit of 5% deducted from all the bills will be refunded after completion of the warranty period i.e. 12 months from the date of works completion. The date of issue of work completion certificate will be treated as the work completion date.
15. 1% water tax will be deducted from each bill if applicable.
16. Electricity charge will be deducted as per actual consumption.
17. 2% Income Tax and other applicable taxes such as GST etc. shall be deducted as per applicable Govt. rules.



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18. **Amount and quantity variation:** Quantity may vary as per actual work execution/site requirement/end user suggested changes during execution but the final bill value shall not exceed more than 5% of order value.
19. All the materials/equipments provided by the vendor will be checked by IWD before installation.
20. **Work completion period:** Within **45 Days** from the date of issue of Letter of Award/Work order. Work completion certificate shall be issued by the IWD after obtaining a satisfactory work done report from the user. A period of 10 days will be added to the work completion period for completion of above procedure.
21. **Late work completion penalty:** If work is not completed within the given time, penalty will be deducted as per institute norms.
22. Any damage caused to the building shall have to be made good by contractor at no extra cost & without any delay.
23. The bids submitted after the last date & time will not be considered for opening. The bids received within the last date & time will be opened on **27.01.2020 (16:00 Hrs.)** in the Committee room of the Superintending Engineer, IWD, IIT (BHU), Varanasi.

Sd-
Superintending Engineer
Institute Works Department, IIT(BHU)

QUOTATION FORM

Ref. No.: IIT(BHU)/IWD/ET-30/2019-20/2105

Dated: 17/01/2020

The Superintending Engineer,
Institute Works Department,
Indian Institute of Technology (BHU),
Varanasi-221005

Subject: Quotation for

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Dear Sir,

With reference to the Quotation invited by you for the captioned work. I/We do hereby offer to perform, provide, execute, complete and maintain work in conformity with the drawing, conditions of tender, articles of agreement conditions of contract, specification and quantities of the sum of Rs. _____
(Rupees _____)
_____) at the respective rates mentioned in the quotations.

My/Our quotation will remain open for acceptance for 12 months from the date of its opening.

I have submitting tender fee of Rs. 590/- vide DD No. _____ dated _____ drawn on _____ (Name of Bank).

I have submitted EMD of Rs. _____ Vide FDR/DD No. _____ dated _____ issued by _____ (Name of Bank)

I have enclosed self attached copy of PAN No. and GSTIN alongwith the bid.

My email id for all future correspondence regarding this bid including communication of work order is _____ and mobile no. is _____

(Note: Any information left black such as email id, mobile number, PAN & GSTIN etc. may lead to rejection of bid as non-responsive)

Yours faithfully,

Date: _____

(Signature of contractor with seal)

