


## BILL OF QUANTITY

Name of work :		Internal Electrical Installation in E <sub>2</sub> Type (Single room) quarter No.7,8,9,10,12,14,15,17, 18,19, 20,21,22,23,24 (Total-15 Unit)at DRPCAU, Pusa			
Estimated cost:		Rs.3,47,062.00	Sold to M/S		
Earnest Money:		Rs.7,000.00	Address		
Cost of B.O.Q :		Rs.750.00	Registration No.		
Time of Completion		01 (One) month	M.R.No. date		
SN	Items of work	Quantity	Unit	Rate	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 medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as reqd.				
	Group-A	60 Nos.	Each	694.00	
	Group-B	60 Nos.	Each	759.00	
	Group-C	15 Nos.	Each	966.00	
2.	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	450M	Per M	167.00	
	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire.	15 M	Per M	200.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch	75 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	75 Nos.	Each	58.00	
	15/16 Amp. Switch	30 Nos.	Each	110.00	
	16/16 Amp. Socket	30 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	45 Nos.	Each	65.00	
5.	Supplying and fixing brass batten/angle holder including connection etc. as required.	90 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator)				
	6 way, Double door	15 No.	Each	1661.00	
7.	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "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.				
	Single Pol	60 Nos.	Each	199.00	
8.	Providing and fixing following capacity double pole/TP&N sheet metal switch disconnect or fuse unit in existing metal board with rewire able type fuses, including drilling holes in metal board, making connections, etc. as required (make havelis/ capital).	15 Nos.	Each	1475.00	
9.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	30 Nos.	Each	310.00	
10.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	04 Set	Per Set	5308.00	
11	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	180 M	Per M	257.00	
12	Supplying fitting and fixing of PVC Boards of different sized.				
	7"x4"	15 Nos.	Each	60.00	
	5"x4"	30 Nos.	Each	50.00	
	4"x4"	15 Nos.	Each	50.00	

  
 Executive Engineer (Dr.)  
 Building & Infrastructure  
 Dr.RPCAU, Pusa

- (a) Details of earnest Money deposited:
- (b) Registration No.:  
(Certified copy to be enclosed)
- (c) Income Tax & GST Clearance Certificate:
- (d) Licence issued by the Labour department:
- (e) Detailed of documents attached:
- (f) Name and address of the Contractor:
- (g) Signature of tenders:

I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer


*Perman*  
24.2.21  
Executive Engineer (B & I)  
Building & Infrastructure  
Dr.RPCAUI, Pusa

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

Executive Engineer (B & I)  
DRPCAUI, Pusa

**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. LabourCess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

  
Executive Engineer (B & I)  
Executive Engineer  
Building & Infrastructure  
Dr.RPCAUI,Pusa

*Purnan* 24.2.21  
Executive Engineer (I)  
RRC&PUSA  
Building & Infrastructure  
Dr.RPCAUPusa

Executive Engineer (I)  
Building & Infrastructure  
Dr.RPCAUPusa



a) Details of earnest Money deposited:

(b) Registration No.:

(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

---

I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.

2. (i) In word..... Percent above the rates shown in the bill of quantities.

(ii) In figure ..... Percent above the rates shown in the bill of quantities.


3. (i) In word..... Percent below the rates shown in the bill of quantities.

(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

  
Executive Engineer (B & I)  
Building and Infrastructure  
Dr.RPCAUPusa

i. No. of cutting.....


ii. No. of over writing.....

iii. Rate quoted.....

Executive Engineer (B & I)  
DRPCAUPusa


**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall be reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

  
Executive Engineer (B I I)  
Building & Infrastructure  
Dr. RPCAU, Pusa

## BILL OF QUANTITY

Name of work :	Internal Electrical Installation in Qtr. No. E <sub>1</sub> Type qtr. 06, 07 & 09 (Two room) at Dr.RPCAU, Pusa				
Estimated cost:	Rs.1,75,569.00	Sold to M/S			
Earnest Money:	Rs.3,600.00	Address			
Cost of B.O.Q :	Rs.500.00	Registration No.			
Time of Completion	01 (One) month	M.R.No.	date		
SN	Items of work	Quantity	Unit	Rate	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 medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group-A	09 Nos.	Each	694.00	
	Group-B	39 Nos.	Each	759.00	
	Group-C	12 Nos.	Each	966.00	
2.	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	405 M	Per M	167.00	
	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire	03 M	Per M	200.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch	30 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	30 Nos.	Each	58.00	
	15/16 Amp. Switch	12 Nos.	Each	110.00	
	16/16 Amp. Ssocket	12 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	27 Nos.	Each	65.00	
5.	Supplying and fixing brass batten/angle holder including connection etc. as required.	33 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator)				
	12 way, Double door	03 No.	Each	2053.00	
7.	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "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.				
	Single Pol	30 Nos.	Each	199.00	
8.	Providing and fixing following capacity double pole/TP&N sheet metal switch disconnect or fuse unit in existing metal board with rewire able type fuses, including drilling holes in metal board, making connections, etc. as required (make haavells/ capital).	03 No.	Each	1475.00	
9.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	03 Set	Per Set	5308.00	
10.	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	45 M	Per M	257.00	
11.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	09 Nos.	Each	310.00	
12.	Supplying fitting and fixing of PVC Board of different sizes.				
	7"x4"	15 Nos.	Each	60.00	
	4"x4"	12 Nos.	Each	50.00	

  
 24.2.21  
 Executive Engineer (B-1)  
 Building & Infrastructure  
 Dr.RPCAU, Pusa

(a) Details of earnest Money deposited:

(b) Registration No.:

(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

---

I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.

2. (i) In word..... Percent above the rates shown in the bill of quantities.

(ii) In figure ..... Percent above the rates shown in the bill of quantities.

3. (i) In word..... Percent below the rates shown in the bill of quantities.


(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....


  
24.2.21  
Executive Engineer (B & I)  
Building & Infrastructure  
Dr. RPCAU, Pusa

Executive Engineer (B & I)  
DRPCAU, Pusa




**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical. aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. LabourCess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

  
24.2.21  
Executive Engineer  
Building & Infrastructure  
Dr. RPCAU, Pusa

## BILL OF QUANTITY

Name of work	Internal E/I in 7 (Seven) Rooms in Outhouse of E.B.No.13 with bathrooms & 2 (Two) Rooms in Outhouse of E.B.No.14 with bathrooms at DRPCA, Pusa				
Estimated Cost	Rs.1,44,100.00	Sold to M/S			
Earnest Money	Rs.3,000.00	Address:			
Cost of B.O.Q	Rs.500.00	Registration No.			
Time of Completion	1 (One) month	M.R.No.			
S.N.	Items of work	Quantity	Unit	Rate	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 medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group-A	25 Nos.	Each	694.00	
	Group-B	31 Nos.	Each	759.00	
	Group-C	11 Nos.	Each	966.00	
2.	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	170 M	Per M	167.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch	23 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	23 Nos.	Each	58.00	
	15/16 Amp. Switch	11 Nos.	Each	110.00	
	16/16 Amp. Ssocket	11 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	15 Nos.	Each	65.00	
5.	Supplying and fixing brass batten/angle holder including connection etc. as required.	52 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RCCB/Isolator)				
	6 way, Double door	02 Nos.	Each	1661.00	
	4 way, Double door	05 Nos.	Each	1460.00	
7.	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "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.				
	Single Pole	18 Nos.	Each	199.00	
	Single Pole & Neutral	07 Nos.	Each	544.00	
8.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	03 Set	Per Set	5308.00	
9.	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	55 M	Per M	257.00	
10.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	11 Nos.	Each	310.00	
11.	Supplying, fitting and fixing of following size PVC Boards.				
	7"x4"	09 Nos.	Each	60.00	
	4"x5"	02 Nos.	Each	50.00	
	4"x4"	02 Nos.	Each	40.00	

  
**Executive Engineer (B & I)**  
**Building & Infrastructure**  
**Dr.RPCA, Pusa**

/ Details of earnest Money deposited:

- (b) Registration No.:  
(Certified copy to be enclosed)
- (c) Income Tax & GST Clearance Certificate:
- (d) Licence issued by the Labour department:
- (e) Detailed of documents attached:
- (f) Name and address of the Contractor:
- (g) Signature of tenders:

---


I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer


  
24.2.21  
Executive Engineer  
Executive Engineer (B & I)  
Building & Infrastructure  
DRPCAUPusa  
Dr. R. PCAU, Pusa

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

Executive Engineer (B & I)  
DRPCAUPusa

**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

  
Executive Engineer (B & I)  
Building & Infrastructure  
Dr. RPCAU, Pusa