



NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS
(An Autonomous Institute of Dept. of Biotechnology, Ministry of Science & Technology,
Govt. of India)

P. O.: N. S. S., Kalyani – 741251, Nadia, West Bengal

TENDER DOCUMENT

Name of work:

**INTERNAL ELECTRIFICATION WORK OF FACULTY RESIDENCE BUILDING
OF NIBMG, KALYANI**

June, 2020

NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS
P.O.: N.S.S., KALYANI 741 251

TENDER NOTICE

NIT No. NIBMG/Int. Elec. (F)/ 2020-21/005

Dated 13/08/2020

INSTRUCTION TO BIDDERS

1. SCOPE OF WORK

Sealed tenders (in percentage rate) are invited under two cover system from experienced and resourceful contractors who fulfil the eligibility criteria for participation in the tender process for the following work in the campus of National Institute of Biomedical Genomics, Kalyani, West Bengal.

SL. No.	Name of the work	Estimated value of the work (₹)	Completion time in Months / Days	Earnest Money (₹)
1.	Internal Electrification work of Faculty Residence Building at NIBMG, Kalyani	24.86 Lakh (Approx.)	21 days	49,720.00

Earnest Money will be accepted in the form of Bank Draft drawn in favour of the 'NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS', payable at Kalyani on any schedule Bank.

EMD will be refunded to the unsuccessful bidder after the finalisation of the tender and EMD of the successful bidder will be adjusted with the Security Deposit.

Bid for the work shall remain valid for a period of 45 days after the deadline date specified for submission.

EMD of the successful bidder will be released along-with the Final Payment release.

EMD of the un-successful bidder to be released after issue of Work order.

Intending Bidders may kindly visit the Institute website www.nibmg.ac.in for downloading the tender documents and for other details.

2. Eligibility Criteria

Intending bidders should fulfil the eligibility criteria laid down hereunder and they should satisfy themselves about their eligibility before submitting the tender. The bidders should submit the documents/credentials in Cover-I of the bid against criteria no. (a) and (b) to substantiate their eligibility to participate in the tenders.

- a) Minimum 5 (five) years' experience of having successfully completed works of similar nature with CPWD, State PWD, MES, Railways, Autonomous Bodies, any Reputed Organization and for following value of work (either i or ii) during last 5 (Five) years ending last day of month previous to the one in which tenders are invited.
 - i) Two similar completed works costing not less than ₹ 12.43 lakh each.
 - ii) One similar completed work costing not less than ₹ 19.88 lakh.

b) Particulars as mentioned in Form-I (attached below) should be furnished in a separate sheet & submitted along with the relevant documentary evidence in Cover-I of the bid.

3. Bid Price

The bidders are advised to visit the site of works at their own expense and obtain all information that may be necessary for preparing the bid.

a) The contract shall be for the whole works as described in the Schedule of Works, drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.

b) The bidders are required to quote -

Their price, both in the percentage above or below the estimated rates of the schedule of works as well as in amount. In the event of arithmetical error committed in working out the amount by the bidder, the tendered percentage and not the amount will govern.

c) All duties, taxes, GST and other levies payable by the contractor under the contract shall be included in the total price.

d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subjected to adjustment on any account.

e) The rates should be quoted in Indian Rupees only.

4. Method of Submission of Tender:

Tender will have to be submitted in two parts – Cover-I Technical Bid & Cover- II Financial Bid separately sealed and superscripted with the name of work.

Cover-I: Cover-I (Technical Bid) shall contain Earnest Money, all documents supporting fulfilment of eligibility criteria & commercial & general stipulations mentioned in the Tender Documents.

Cover-II: Cover-II (Financial Bid) shall contain the complete tender documents duly filled in duplicate. No condition stipulated in Cover-II other than general rebates shall be accepted.

The Financial Offer of the prospective tenderer/bidder will be considered only if the Technical Bid of the tenderer is found qualified by the 'Tender Evaluation Committee' of NIBMG. The decision of the 'Tender Evaluation Committee' will be final and absolute in this respect.

5. Pre-bid Meeting:

Pre-bid meeting with the intending bidders will be held on **24/08/2020, 2.30 pm** in the Institute.

6. Deadline date for submission of bid:

Tenders (Cover-I & Cover-II put in a separate sealed cover) will be received up to 12:00 Noon on **03 September 2020** and technical bid will be opened on the same day at 3:00 PM in the office of the Manager (Finance), National Institute of Biomedical Genomics, P.O. N.S.S,

Kalyani 741 251, West Bengal in presence of the contractors or their authorized representatives who may like to be present. If, by any chance, this day be a holiday/lockdown day, bids will be received up to 12.00 Noon of the next working day of the Institute.

Cover-II (Financial Bid) of the bidders who qualify in Technical Bid evaluation will be opened on the same day or any other day as decided by the Tenderer in presence of bidders, as finalized by NIBMG and displayed in website. The Institute reserves the right to reject any or all of the tenders received without assigning any reason thereof.

7. Rates:

i) Rates should be inclusive of all other taxes, duties on date, levies, insurance, transport cost etc. and including GST

ii) Item rates should be quoted in terms of percentage (%) above or below the estimated value put to Tender Notice.

iii) New imposition of taxes and variations, (after award of contract) if any, will be borne by the Contractor, except for the GST, which will be paid as per actual.

Terms and Conditions

1. Terminology:

- a) **‘Owner’** means National Institute of Biomedical Genomics or its authorised representatives.
 - b) **‘Work’** means Internal Electrification Work of faculty Residence Building of NIBMG, Kalyani.
 - c) **‘Contractor’** means the Agency/Firm on whom the owner placed the order for execution of the work.
2. **Security Deposit** will be deducted @ 5% (Five percent) of the Bill value from each bill and the same will be released after satisfactory completion of Defect Liability Period (DLP). **Defect Liability Period** is for **12 (twelve) calendar months** and will be reckoned from the date of successful completion and handing over / taking over of the assigned work.
 3. **Performance Bank Guarantee** amounting to 5% (Five percent) of the Contract value is to be submitted within 10 (Ten) days in terms of Bank Guarantee from the issue of the Work order and will remain valid up to 1 (One) year plus 60 (Sixty) days after successful completion and handing over of the assigned work.
 4. **Commencement of work:** Within 7 (seven) days from the date of issue of the Notice to proceed with the work /Work Order.

5. Completion time

The works should be completed in 21 (Twenty-one) days from the date of commencement of work. In exceptional circumstances, the time period stated in this clause may be extended in writing by mutual consent between NIBMG (hereinafter referred to as the Owner) and the Contractor.

In the event of any delay not attributable to the Contractor, consequent extension of completion time shall be granted by the Owner at the sole discretion of the Owner against application by the Contractor.

Any wilful delay on the part of the ‘Contractor’ in completing the construction within the stipulated period will render him liable to pay liquidated damages * _____ per day which will be deducted from payments due to him. The ‘owner’ may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 2% of the contract amount.

** (Note: The amount of liquidated damages per day should be determined at 0.05 % of the contract value of the works and indicate here.)*

6. Duties and responsibilities of the ‘Owner’

- a) The ‘Owner’ shall be responsible for providing regular and frequent supervision and guidance to the ‘Contractor’ for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the ‘Owner’, for checking quality of material and construction to ensure that it is as per the norms.
- b) The owner shall supply execution drawings, specifications and / or guidelines to the Contractor for the proposed work.
- c) The Engineer or such other person as may be authorized by the ‘Owner’ shall hold meeting where the ‘Contractor’ or his representative at site will submit the latest

information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.

d) The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The 'Contractor' will carry out the instructions and promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the Engineer's notice, the 'Owner' as well as the engineer nominated by it, may instruct stoppage or suspension of the construction. It shall thereupon be open to the 'Owner' or the engineer to have the deviations rectified at the cost of the Contractor.

7. Duties and responsibilities of the Contractor

The 'Contractor' shall:

- a) take up the works and arrange for its completion within the time period stipulated in clause 5;
- b) employ suitable skilled persons to carry out the works ;
- c) regularly supervise and monitor the progress of work ;
- d) abide by the technical suggestions / direction of supervisory personnel including engineers etc. regarding building construction ;
- e) be responsible for bringing any discrepancy to the notice of the representative of the 'Owner' and seek necessary clarification ;
- f) ensure that the work is carried out in accordance with specifications, drawings and within the total of the contract amount without any cost escalation ;
- g) keep the 'Owner' informed about the progress of work ;
- h) be responsible for all security and watch and ward arrangements at site till handing over of the work to the 'Owner'
- i) maintain necessary insurance against loss of materials/cash, etc. or workman disability compensation claims of the personnel deployed on the works as well as third party claims.
- j) pay all duties, taxes and other levies payable by construction agencies as per law under the contract ('Owner' will effect deduction from running bills in respect of such taxes as may be imposed under the law).
- k) clear the site on completion of work.

8. Variations / Extra Items:

The works shall be carried out by the 'Contractor' in accordance to the approved drawings and specifications. However, if, on account of site conditions or any other factors, variations are considered necessary, the following procedure shall be followed:-

- a) The 'Contractor' shall provide the Engineer with a quotation for carrying out the Variation when requested to do so by the Engineer. The Engineer shall assess the quotation, which shall be given within seven days of the request before the Variation is ordered.
- b) If the quotation given by the 'Contractor' is unreasonable, the Engineer may order the Variation and make a change to the Contract Price which shall be based on Engineer's own forecast of the effects of the Variation on the Contractor's costs.
- c) The 'Contractor' shall not be entitled to additional payment for costs, which could have been avoided by giving early warning.

9. Termination

The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the contractor stops work for 07 days and the stoppage has not been authorized by the Engineer;
- (b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (d) the Contractor does not maintain a security which is required;

Notwithstanding the above, the Employer may terminate the Contract for convenience.

If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

10. Payment upon Termination

If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done less advance payments (if any) received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

If the Contract is terminated at the Employer's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works and the Contractor's costs of protecting and securing the Works and less advance payments(if any) received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

11. Dispute settlement

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator to be appointed by the Owner. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties.

12. Special information regarding the work

It should be notes that:

- a) Laying of concealed conduit has been mostly completed in all the floors of the building and these pre-laid concealed conduits should be utilised in drawing the wires for internal electrification work, TV and Telephone wiring.

- b) The installation of fire alarm and detection system has already been completed throughout the building. Hence, adequate care must be taken during execution to avoid any damages to the cables, wires and fixtures, etc., of this system.
 - e) Quantities in Schedule of Works/ BOQ are tentative. Payments will be made on basis of actual measurements.
 - d) Valid insurance papers covering accident related expenditures/claims should be submitted at the time of deployment at site.
 - e) NIBMG will not provide any accommodation to the workers/supervisors engaged for the work.
 - f) Custody and storage of material is the responsibility of the contractor.
 - g) Electrical power for construction work will be provided at site on chargeable basis.
 - h) Settlement of any claim arising out of accident / death of any person deployed by the contractor at site will be the sole responsibility of the contractor.
 - i) The contractor shall take necessary action to fulfil all applicable statutory obligation as well as safety measures as required to execute the work.
- 13. **Legal issues:** All disputes arising out of or in any way connected with this work order shall be deemed to have been arisen in Kolkata and only the Court in Kolkata shall have jurisdiction to determine the same.
- 14. **Payment Terms:**

Payment will be made on the basis of actual execution and within 30 days after submission of progressive RA bill which shall not be less than Rs. 6 (Six) lakh. The final payment will be made after installation, successful commissioning and handing over of the completed work to the Institute Authority. No mobilization Advance will be paid.

Manager (Finance)
On behalf of Director, NIBMG

**Form-I
Technical Bid**

National Institute of Biomedical Genomics, Kalyani

(Tender No. NIBMG/Int. Elec. (F)/ 2020-21/005

Dated 13/08/2020)

1	Name of firm		
2	Address of Organization in Kolkata		
3	Established on		
4	Statutory Registration Nos.		
	a) GST Registration No. (Please attach documents)		
	b) Professional Tax Registration certificate (Please attach documents)		
	c) Income Tax PAN Card No. (Please attach documents)		
	d) Valid Trade License Certificate (Please attach documents)		
	Any other No., Please specify		
5	Name of the authorized signatory		
6	Specimen Signature of the Authorized signatory.		
7	Telephone Number of the authorized signatory and other Telephone Number of the firm.		
8	Details of the works executed during the last five years. Copies of work orders may be enclosed.	Year	Rs.
9	Whether proof/copies of work order on items at Sl. No. 8 enclose (Yes/No)		
10	List of copies of documents enclosed.		

DECLARATION BY VENDOR/SERVICE PROVIDER

I confirm that:-

- 1) I, _____Son / Daughter / Wife of
Shri _____ Proprietor/Director/Partner/Manager Resident of
_____, authorized signatory of the
Agency/Firm, _____, am competent to sign this Declaration
and execute this application document.

- 2) No employee or direct relation of any employee of NIBMG is in way connected as Partner /Shareholder/Director/Advisor/Consultant/Employee etc. with the Company.

- 3) The information furnished is correct to the best of my knowledge and belief.

- 4) I have read and understood the general instructions to vendors and undertake to abide by the same.

.....
(Signature of Proprietor/Partner/Chief Executive)
Name
(In Capital Letters)
(Seal of Service

Place:
Provider)
Date:

LIST OF MATERIALS OF APPROVED BRANDS/MANUFACTURERS

Sl. No.	Description of Materials	Make
1	MCCB and Accessories	SIEMENS/ABB/Schneider/Legrand
2	MCCB/MCB Distribution Board	Legrand/SIEMENS/ABB/Schneider
3	RCBO, MCB & MCB Isolator	Legrand/SIEMENS/ABB/Schneider
4	Current Transformers	AE/KAPPA/SEGC/ L & T
5	PVC Terminals	ESSEN/ELMEX/ L & T / OBO
6	1.1 KV grade PVC/XLPE aluminium/copper conductor cable (armoured/unarmoured)	GLOSTER/UNIVERSAL/POLYCAB/NIC CO/HAVELL's
7	1100V grade PVC/ insulated and sheathed and PVC insulated copper conductor wire/flexible wire	Finolex/POLYCAB/HAVELL's
8	Telephone Wire	DELTON/POLYCAB/HAVELL's
9	Cable Lag	Dowells/ Wago/Control Well
10	Cable Gland	Dowells/Hensel/OBO
11	PVC Conduits (MMS)/Channels and accessories	Precision/Polycab/AKG
12	GI Pipe	TATA/ITC/BST/Jindal
13	Ceiling Rose (3 Plate)	Anchor/Precision/SSK/Rider
14	Modular Type Switch/Socket/MS box/plate / Call Bell/ Buzzer	ABB/Legrand/Schneider/Siemens
15	RJ-11 Socket Outlate (Modular)/ T V Terminal Socket	ABB/Legrand/Schneider/Siemens
16	Movement Detector	Legrand/Wipro/Schneider
17	Digital Meters	HPL/Conzeru/ G E Power
18	Energy Meter	HPL/Conzeru/G E Power
19	Contactors	ABB/Siemens/Schneider
20	Push Button	ABB/Siemens/Schneider
21	Heavy Duty Plug & Socket Unit with MCB and Starter	North West/Crabtree/Schneider
Sl. No.	Description of Materials	Make
22	Automatic Changeover Switch	HAVELL's/HPL/Schneider
23	Automatic Transfer Switch	HAVELL's HPL/Siemens
24	Co-axial Tinned Copper Cable	RR-CABEL/BONTON/Finolex/HAVELL's
25	Indication Lamp (LED Type)	Legrand/Siemens/ABB
26	Cable Tray and Accessories	Cablofil (Legrand)/OBO
27	Paint	Shalimar Paint Colour & Varnish Co. Ltd/Jenson & Nicholson (I) Ltd./ British Paint (I) LTd./Berger/Asian

PRICE BID**SCHEDULE OF WORKS**

NIT No. NIBMG/Int. Elec. (F)/ 2020-21/005

Dated 13/08/2020

WORK OF: INTERNAL ELECTRIFICATION WORK AT FACULTY RESIDENCE BUILDING OF NIBMG, KALYANI

SI No.	Description	Unit	Qty.	Unit Rate (Rs.) [Including GST]	Amount (Rs.)	REMARKS
1	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,					
a)	25A single pole and neutral (per DB one no. MCB as incomer).	Nos	16	544.00	8,704.00	DSR'18-2.10.2
b)	6A single pole MCB (per DB 9 Nos of MCB as outgoing).	Nos	70	199.00	13,930.00	DSR'18-2.10.1
2	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)	20A single pole MCB (Icu = (10 KA) (Per DB 5 Nos of MCB).	Nos	60	199.00	11,940.00	DSR'18-2.10.1
b)	16A single pole MCB (Icu = 10 KA) (Per DB 5 Nos of MCB).	Nos	80	199.00	15,920.00	DSR'18-2.10.1
3	Supply of 1.1 KV grade XLPE aluminium cable of following rating.					
a)	4 x 10 sq mm XLPE (Al) unarmoured cable	Mtrs	350	95.00	33,250.00	Non-Schedule Item
4	Laying of cable up to 3/4 core 25 sq mm on wall including supply and fixing of MS saddles with earthing attachment in 10 SWG GI (Hot Dip) wire, making holes etc as necessary mending good damages and painting.					
a)	4C, 10 sq mm unarmoured cable	Mtrs	350	39.00	13,650.00	DSR'18-7.7.1
5	Finishing the end of following XLPE/PVC armoured/unarmoured cables by crimping method including supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste and jointing materials.					
a)	4 core 10 sq mm cable	Sets	40	219.00	8,760.00	DSR'18-9.1.32

SI No.	Description	Unit	Qty.	Unit Rate (Rs.) [Including GST]	Amount (Rs.)	REMARKS
6	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 and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit as required.					
a)	One point wiring.	Point	711	416.00	2,95,776.00	DSR'18-1.15.1
b)	Twin point wiring controlled by one switch	Pts	192	447.00	85,824.00	DSR'18-1.15.2
c)	Three point wiring controlled by one switch	Sets	9	640.00	5,760.00	DSR'18-1.15.3
7	Power Plug Point Wiring: Supplying and drawing following sizes of 1.1 KV single core stranded FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
a)	3 x 1.5 sq. mm	Mtrs	1600	54.00	86,400.00	DSR'18-1.17.3
b)	3 x 2.5 sq. mm	Mtrs	4000	75.00	3,00,000.00	DSR'18-1.17.12
c)	3 x 4 sq. mm	Mtrs	1500	117.00	1,75,500.00	DSR'18-1.17.21
8	Supply and fixing of Power Plug Point Modular Type Accessories					
a)	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Nos	203	401.00	81,403.00	DSR'18-1.31
b)	Supplying and fixing suitable size GI box with modular plate and cover in front, in recess, including providing and fixing 6 pin 6/16 Amps modular socket outlet and 15/16 Amps modular switch, connection, painting etc, as required.	Nos	203	495.00	1,00,485.00	DSR'18-1.32
9	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	-				
a)	5/6 A switch	Each	1040	85.00	88,400.00	DSR'18-1.24.1
b)	15/16 A switch	Each	192	132.00	25,344.00	DSR'18-1.24.3

SI No.	Description	Unit	Qty.	Unit Rate (Rs.) [Including GST]	Amount (Rs.)	REMARKS
c)	3 pin 5/6 A socket outlet	Each	240	111.00	26,640.00	DSR'18-1.24.4
d)	6 pin 15/16 A socket outlet	Each	192	175.00	33,600.00	DSR'18-1.24.5
e)	Bell push	Each	16	126.00	2,016.00	DSR'18-1.24.8
10	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.	-				
a)	1 or 2 Module	Each	288	114.00	32,832.00	DSR'18-1.28.1
b)	3 Module	Each	336	128.00	43,008.00	DSR'18-1.28.2
c)	4 Module	Each	32	138.00	4,416.00	DSR'18-1.28.3
d)	6 Module	Each	96	167.00	16,032.00	DSR'18-1.28.4
e)	8 Module	Each	96	196.00	18,816.00	DSR'18-1.28.5
f)	12 Module	Each	16	227.00	3,632.00	DSR'18-1.28.6
11	Supply & Fixing 240 V, 25 A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP MCB (CCurve) and 4 Module GI Modular type switch board with 4 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	Nos	16	878.08	14,049.28	PWD'17-E-19/17
12	Supply & Fixing 240 V, 25A Modular switch type DP MCB (C-Curve) (Brand approved by EIC) on existing GI Modular type switch board with top cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	Each	64	338.24	21,647.36	PWD'17-E-19/19.b.
13	Supply & Fixing 240 V, 25A Modular starter (Brand approved by EIC) on existing GI Modular type switch board with top cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	Each	64	343.84	22,005.76	PWD'17-E-19/20
14	Circuit/Submain Wiring in PVC Conduit: 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.					

SI No.	Description	Unit	Qty.	Unit Rate (Rs.) [Including GST]	Amount (Rs.)	REMARKS
a)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Mtr	960	146.00	1,40,160.00	DSR'18-1.14.1
b)	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Mtr	1440	167.00	2,40,480.00	DSR'18-1.14.2
c)	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Mtr	720	200.00	1,44,000.00	DSR'18-1.14.3
15	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)	20 mm (TV and Telephone)	Mtrs	600	84.00	50,400.00	DSR'18-1.21.1
b)	25 mm (Light and Power)	Mtrs	1100	90.00	99,000.00	DSR'18-1.21.2
c)	32 mm (Curcuit and Submain)	Mtrs	240	92.00	22,080.00	DSR'18-1.21.3
16	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.					
a)	100 mm X 100 mm X 60 mm deep	Each	32	160.00	5,120.00	DSR'18-1.22.2
b)	150 mm X 150 mm X 60 mm deep	Each	48	232.00	11,136.00	DSR'18-1.22.2
17	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	128	342.00	43,776.00	DSR'18-1.25
18	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	200	32.00	6,400.00	DSR'18-1.26
19	Supply and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	Each	60	65.00	3,900.00	DSR'18-1.33
20	Supply 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)	1 pair	Mtrs	400	19.00	7,600.00	DSR'18-1.18.1
b)	2 pair	Mtrs	600	20.00	12,000.00	DSR'18-1.18.2
c)	10 pair	Mtrs	192	113.00	21,696.00	Non-Schedule Item

SI No.	Description	Unit	Qty.	Unit Rate (Rs.) [Including GST]	Amount (Rs.)	REMARKS
21	Supply and fixing of Fibre Reinforced Plastic (FRP) enclosure type 100 pair lockable main distribution frame (MDF, ITD approved) on wall with all accessories, terminal trip etc complete.	No.	4	6,964.00	27,856.00	Non-Schedule Item
22	Supply and installation of MDF (ITD approved) FRP type 10 pair CT Box with terminals complete.	Nos	16	929.00	14,864.00	Non-Schedule Item
23	TV Cable in PVC Conduit: Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	Mtrs	600	33.00	19,800.00	DSR'18-1.19
24	Supply and fixing of following modular switch/socket on the existing modular plate and switch box including connections but excluding modular plate etc, as required.					
a)	Telephone socket outlet	Nos	48	75.00	3,600.00	DSR'18-1.23.6
b)	T V Antenna socket outlet	Nos	48	76.00	3,648.00	DSR'18-1.23.7
25	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.					
a)	1 or 2 Module (75 mm x 75 mm).	Each	24	243.00	5,832.00	DSR'18-1.27.1
b)	3 Module (100mmX75mm)	Each	48	267.00	12,816.00	DSR'18-1.27.2
ESTIMATED VALUE INCLUDING THE GST (X)					24,85,904.40	
QUOTED PERCENTAGE RATE = R % (**)	 % (.....Percentage in words) Above/Below (*)				
QUOTED AMOUNT (**) = (X)(1+ R/100), if "R" is Above or = (X)(1- R/100), if "R" is Below		Rs. Rupees				
** To be filled in by the Bidder ; * Put tick mark & Strikeout as applicable						