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**INSTITUTE FOR DEVELOPMENT AND RESEARCH IN BANKING
TECHNOLOGY**

(Established by Reserve Bank of India)

TENDER
FOR
PROPOSED UPGRADATION OF
DIRECTOR'S BUNGALOW
INSIDE THE IDRBT CAMPUS
HYDERABAD

Last date of Submission: 21.03.2024 (Latest by 17:30 Hrs)

Tender Documents Submitted by:

M/s _____

Date:

TENDER FOR PROPOSED UPGRADATION OF DIRECTOR'S BUNGALOW INSIDE THE IDRBT CAMPUS, HYDERABAD.**Purpose:**

IDRBT, the premier Institute of Banking Technology in the country, invites applications from Agencies / Contractors **empaneled with Reserve Bank of India / State Bank of India for Composite works (Civil, Interior, Electrical & Air conditioning)** in the respective categories **(For works valuing Rs 25.00 Lacs & above and should have class "A" electrical License for the State of Telangana)** for **"Proposed upgradation of Director's Bungalow"** inside the campus of Institute for Development and Research in Banking Technology, Hyderabad" (hereinafter referred to as IDRBT/ Institute).

Invitation:

The bidders desirous of taking up the work of **"Proposed upgradation Director's Bungalow"** inside the IDRBT campus are invited to submit their **"Technical & Commercial Bids"** in the prescribed format in response to this invitation. The criteria and the actual process of evaluation and subsequent selection of the successful bidder will be entirely at the Institute's discretion. We seek proposal from bidders who have the necessary experience, capability & expertise in the relevant work adhering to Institute requirement outlined in this Tender.

This document is not an offer by IDRBT, but only an invitation to receive responses from the bidders. No contractual obligation whatsoever shall arise from the process unless and until a formal contract is signed and executed by duly authorized official(s) of IDRBT with the successful bidder.

The tendering process will be in two stages. Stage one is shortlisting the contractors based on their eligibility and Stage two will be opening of price / commercial bids. Date of opening of price bids will be shared to only pre-qualified Contractors / Applicants only.

The Institute reserve its rights to accept or reject any or all the tenders, either in whole or in part without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.

<u>NOTICE INVITING TENDER. (NIT)</u>		
Sl No	Details	Description
01	Name of the Work.	Proposed upgradation of Director's Bungalow inside the IDRBT campus.
02	Nature of work.	Civil, Interior, Electrical & Modular kitchen work consists

		of provision of Vitrified tile flooring, false ceiling, internal & external painting, repair of Storage units, provision of modular kitchen and provision of new wiring etc. in the Director's Bungalow inside the IDRBT campus.
03	Eligibility of the contractor.	Agencies / Contractors empaneled with Reserve Bank of India / SBI in appropriate category (For works valuing Rs 25.00 Lacs & above). Copy of the registration should be enclosed along with the application / bid documents.
04	Estimated Cost of the work	Rs 24.00 lacs (Rupees Twenty Four Lacs only)excluding GST
05	EMD amount	Rs 48,000.00 (Rupees Forty Eight Thousand only).
06	Minimum interim Bill	Only first & final Bill.
07	Completion period	30 (Thirty) Days from the date of handing over the site in includes mobilization period of 3 days.
08	Date of downloading tender documents from Institute's web site.	From 14.03.2024.
09	Clarifications if any & Pre Bid Meeting	Any clarification in this regard may be sought from the Estate Department, IDRBT through email ID allestate@idrbt.ac.in / Phone no. 040-23294182 / or in person. Pre Bid meeting on 18.03.2024 at 11:00 Hrs at IDRBT.
10	Last Date of submission of technical bids along with EMD.	21.03.2024. (Latest by 17:30 Hrs)
11	Place of submission of technical bids.	IDRBT, Door No: 10-3-311, Road No: 1, Castle Hills, Masab Tank, Hyderabad – 500 057.
12	Bidder's Contact Details	Name of Agency, Contact Person, Mailing address with Pin Code, Telephone number, Fax number, Mobile number and e-mail id.
13	Validity of the Bid	60 (Sixty) days
14	The Institute reserve it's rights to accept or reject any or all the tenders, either in whole or in part without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.	
15	It is not mandatory on the part of the Institute to award the work on the lowest bidder.	
16	EMD shall be forfeited, in case the eligible bidder withdraws their bid or the details furnished are found to be incorrect or false during the tender evaluation process or if the bidder gives conditional acceptance to IDRBT offer or if the bidder does not accept the contract awarded by the Institute.	

The tender documents can be downloaded from the websites <https://idrbt.ac.in/tenders.html> from 14.03.2024. Interested bidders have to download the bid documents from the above site and submit the tender physically in the prescribed pro-forma. Further, all the physical copies of supporting documents shall be submitted by the bidders along with the tender document downloaded from the website complete in all respects and dropped in the tender box available

at the Security office, Main entrance, IDRBT Campus, Door No: 10-3-311, Road No.1, Castle Hills, Masab Tank, Hyderabad-500057 before the late date and time mentioned above.

IMPORTANT: It is mandatory that the bidder shall sign and certify with seal on each page of the documents including all supporting documents. **(sequentially numbered as a token of having read and understood the terms & conditions contained therein and submit the same along with the technical bid).** The bidder should fill up the information in clear and legible terms. No additions/ modifications/ deletions in the tender documents and other related supporting documents shall be entertained during the tender process.

1. PRE-QUALIFICATION ELIGIBILITY CRITERIA FOR TECHNICAL BID

- 1.1.** The Bidder hereinafter also called Contractor should be empaneled with either **Reserve Bank of India / SBI** in the appropriate category. **“Contractors Empaneled for composite works valuing Rs 25.00 Lacs and above only are eligible for this work”.**
- 1.2.** **The bidder should have completed 1(one) single work valuing Rs 21.00 Lacs in last 3(Three) years or 2(Two) single works valuing Rs 13.00 Lacs in last 3(Three) years or 3(Three) single works valuing Rs 11.00 lacs in last 3 (Three) (2020-2021; 2021-2022; 2022-2023) years.**
- 1.3.** The financial net worth of the bidder shall not be negative during any of the previous 3(three) (2020-2021; 2021-2022; 2022-2023) financial years.

2. INSTRUCTIONS TO BIDDERS

- 2.1.** Bidders are requested to study the terms and conditions of the tender carefully and then submit tenders accordingly. They may, if necessary, visit the Institute to know the scope of the work.
- 2.2.** Time is essence of the contract and the work should be completed in all respects in **30 (Thirty) days** only.
- 2.3.** The Tender Document must be signed by the authorized signatory or by a person holding a Power of Attorney authorizing him/her to do so and such Power of Attorney must be submitted along with the Tender.
- 2.4.** Omission, neglect or failure on the part of the bidder to obtain requisite reliable and full information on any matter affecting his tender, shall not relieve the bidder, from any liability in respect of the contract.
- 2.5.** EMD shall be forfeited, in case the eligible bidder withdraws his bid or details furnished in the bid are found to be incorrect or false during tender evaluation process or the bidder gives conditional acceptance to the IDRBT offer or if the bidder does not accept the contract awarded by IDRBT
- 2.6.** The Institute is under no obligation to accept the lowest or any tender received in response to this tender notice and is entitled to reject any /all the tender/s without assigning any reason whatsoever.

- 2.7. The bidders shall submit documentary evidence in support of the above pre-qualification criteria. Bids with all information and supporting documents by way of copies of work orders, proof of services rendered in other establishments / organizations etc. to establish their credentials and track record for fulfilling the experience, financial and ranking system requirements, alone will be considered.
- 2.8. The bidder should not have been black-listed by any organization on any grounds.
- 2.9. IDRBT reserves the right to use in-house information for assessment of capability of bidders. The decision of IDRBT regarding the tender will be final and binding.
- 2.10. If the performance of the bidder is / has been found to be unsatisfactory for any reasons, whatsoever, in any organization, then IDRBT reserves the right to reject the bids submitted by such bidders.
- 2.11. Please note that the Part I would be opened first to analyze the credentials, experience and capability of the firm/organization to provide Polishing & Painting works at IDRBT. The price bids of only such bidders, who are found eligible, as per the conditions in Part I, would be opened for further consideration.
- 2.12. Bidders are advised to understand the magnitude of the job involved before submitting the bids. They are advised to visit the Institute for the purpose and pre-bid site inspection, queries and discussion can be made any time during the working hours (10.00 am-4.00 pm) on any working day (Monday to Friday). No clarification or claims will be entertained after submission of the bids.
- 2.13. Bids not in compliance with tender conditions or with incomplete information / documents are liable for rejection.
- 2.14. Issuance of tender or submission of tender by itself shall not make the bidder eligible for selection.
- 2.15. IDRBT shall not be responsible for any costs or expenses incurred by the bidders in connection with the preparation of bid.
- 2.16. Canvassing in any form by the agency directly or by any other agency / person on their behalf may lead to disqualification of their bid.
- 2.17. Please note that falsification/suppression of information shall lead to the disqualification of the tenderer.
- 2.18. The Tender documents need to be initialed /signed by the authorized representative along with the seal of the company.
- 2.19. Details of employees of IDRBT related to the Tenderer, and his/her association with the IDRBT, if any, should be stated explicitly and furnished in a separate sheet.

3. SCOPE OF WORK

The scope of is Upgradation of Director's Bungalow in the Institute's camps by executing Civil, Electrical, Interior and Modular Kitchen works consists of change existing flooring with new vitrified tile, false ceiling, provision of modular Kitchen units, UPVC windows, provision of new electrical wiring etc. as per details / BOQ. The work is required to be carried out without much disturbance / inconvenience to the inmates occupied next flats complete in all respects and as

directed by IDRBT. **No permission will be given for working beyond 10.00 pm or night stay by the workers in the building / campus.**

4. General Conditions: -

- 4.1.1 The contract either in full or in part shall not be sublet or assigned by the bidder to others under any circumstances.

For all disputes arising out of non-adherence of any terms stipulated above, the DGM – (Accounts & Estate) of the Institute is the appellant authority and his decision would be final. However, the legal jurisdiction for all matters would be Hyderabad city.

(Signature of Bidder)

(Name: _____)

(Company Seal _____)

Date:

Place:

BILL OF QUANTITIES

Name of the work: Proposed up gradation of Director's Bungalow inside the IDRBT campus, Hyderabad.

Part A – Civil & Interior works

Sl No	Description of work	Unit	Qty	Rate	Amount
A	<u>INTERIOR AND CIVIL WORKS</u>				
01	<u>BRICK MASONRY: 230 MM THICK MASONRY:</u> Providing and constructing 230 mm thick Brick masonry using approved quality Table Moulded bricks in CM 1:6 of minimum 50 kg sq/cm in straight walls at all levels including shuttering, staging, scaffolding, curing, etc. including packing the residual space between masonry & other structural members like columns, beams, slabs etc., providing openings as directed The rate shall be inclusive of all the material ,labour, tolls and plants, lead and lift, transportation & disposal of debris etc. as required to complete the work in all respects as directed by the Institute.	CUM	4.00		
02	<u>WALL PLASTERING WORKS:</u> Plastering 12mm thick in CM (1:6) prop and top coat 4mm thick in CM (1:4) prop for walls at all levels including shuttering, staging, scaffolding, curing, etc. with dubara sponge finishing including cost and conveyance of all materials all leads and lifts, loading and unloading, transportation, and all other incidental charges etc. as required to complete the work in all respects as directed by the Institute. The scope of work is including dismantling / chipping of existing tile wall cladding and disposal of debris complete.	Sqm	20.00		
03	<u>VITRIFIED TILE FLOORING:</u> Providing and laying Vitrified floor tiles 600 MM X 600 MM (10/12 thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including Skirting if any required during laying and finishing to complete the work in all respects as directed by the Institute. The rate shall be inclusive of all the material, labour, hardware, transportation necessary required for the	Sqm	170.00		

	complete execution of the item as directed by the architect. BASIC RATE OF THE TILE SHALL BE Rs 65 to Rs 70 PER SQ.FT. The scope of work inclusive of <u>Dismantling of the Existing flooring</u> and Carting away the debris from the site to the contractors own dump yard at least 10 km away from the site. The work shall be carried out as per the directions. The rate shall be inclusive of all the Labour, transportation necessary required to complete the work in all respects as directed by the Institute				
04	<u>GRANITE FLOORING:</u> Providing & Fixing in position 17 mm to 19mm thick machine cut, mirror polish Granite as per the approved sample for flooring, steps and window sills, jambs or any other specified location etc. as per site conditions to the required level & line including cutting of stone to the required size & shape, edge polishing / chamfered edges, surface preparation including cement backing with 1:1 cement grout, filling & finishing the joints with cement & approved colour pigments, cutting, mirror polishing, curing, cleaning etc etc. to complete the work in all respects as directed by the Institute. (Basic cost of Granite Rs.1800 per Sqm)	Sqm	20.00		
05	<u>UPVC WINDOWS:</u> Providing and fixing factory made unplasticised polyvinyl Chloride (UPVC) white colour sliding glazed windows upto 1.20 m in height dimension comprising of UPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ±0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to UPVC profile), appropriate dimension of UPVC extruded glazing beads and UPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per	Sqm	40.00		

	<p>approved drawing & direction of Engineer-in-Charge. Two and half track two panels sliding window made of frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm With mesh shutter and single glazing with 6mm thick Glass of appropriate dimension. The rate shall be inclusive of removing and taking back of the existing window etc. to complete the work in all respects as directed by the Institute.</p>				
06	<p><u>GYPSUM BOARD CEILING:</u> Providing, supplying, and fixing in position of Gypsum Board False Ceiling as per manufacturers specification and instructions with 12.5 mm thick board. Gypboard Screw- fixed to the underside of suspended G.I grid. G.I grid should be constructed and suspended from the main ceiling as per the manufactures instructions and as per the specifications using original Co. Specified framework sections G.I 24 Gauge the Gypboard should be fixed to G.I Grid with 25mm long Drawali Screws the Gypboard to be used should be 12.5mm thick tapered edge boards the boards should be taped and filled from underside to give smooth, seamless ceiling. The rates should include necessary additional ceiling sections and intermediate channels openings for light fixtures, vertical drops offsets etc. Additional Intermediate Channels should be fixed to strap hangers for additional support to prevent strap hangers from buckling swaying at every 1200mm. Item to be completed in all respects including necessary supports for light fixtures speakers etc. making complete as per the design. The rate shall be inclusive of all the necessary material, required hardware, labour, transportation, necessary to complete the work in all respects as directed by the Institute. Scope of work is inclusive of applying putty and painting of the same complete.</p>	Sqm	150.00		
07	<p><u>INTERIOR WALL PAINTING:</u> Providing, supplying, and applying of putty where ever required and finish the walls with one coat primer and two or more coats of Royal Emulsion paint of approved make and shade to suit the interiors of the rooms. The rate shall include scrapping and preparing of the surface etc. complete for applying of paint as per the directions. The rate shall be inclusive of all the necessary material, tools and plants, required scaffolding at all levels, labour, transportation, necessary for the complete execution of the item</p>	Sqm	800.00		

	as directed by the Institute.				
08	EXTERNAL WALL PAINTING: Providing and applying two coats of premium external painting of approved colour and design (Apex Ultima or equivalent, Make: Asian / Nerolac / Berger) on external wall surfaces with necessary surface preparation, crack filling, one coat external primer, and two coats external premium painting including all labour, material, consumables, scaffolding, tools, tackles, lead, lift and transportation etc. at all levels complete in all respects as directed by IDRBT	Sqm	950		
09	ENAMEL PAINTING: Providing and applying two coats of enamel painting of approved colour (Make: Asian/Nerolac/Berger) on MS railings / grills/ wooden doors and windows with necessary surface preparation, one coat of primer and two coats enamel painting including all labour, material, consumables, scaffolding, tools, tackles, lead, lift and transportation etc. all levels complete all respects as directed by IDRBT. The scope work is inclusive of scraping of old paint on the wooden surfaces.	Sqm	125		
10	TOTAL REPAIR AND RENOVATION OF EXISTING KITCHEN: Total renovation of existing kitchen by removing the modular kitchen, dismantling the old wall cladding tiles and making good of the wall and provision of new tiles upto a height of 2'6" above the working platform, provision of new working platform by removing old granite and provision of new granite of approved colour with a width of 2 feet and length 19 feet. The scope of work is also inclusive of dismantling the existing window and provision of Brick wall plastering extra complete. Also provision of storage unit above the cooking platform matching with existing storage unit. Provision of kitchen hood (basic cost Rs 20,000.00), making good of existing damaged shutters and replacing hardware if required, deep cleaning of the internal & external surfaces complete in all respects as per site conditions and as directed by the Institute. <u>Important Note: The should visit the site and understand the scope of the work before quoting price for this item.</u>	LS	LS		
11	TOTAL REPAIR AND RENOVATION OF EXISTING WARDROBES: Total repair and renovation of existing wardrobes	LS	LS		

	<p>by replacing the damaged hardware, provision of new shutters if required, replacing glass shutters with wooden shutters (total area 20 sft) provision of new shutters (total area 25 sft) removing and re fixing the glass shelves, making good of existing damaged shutters and replacing hardware if required, deep cleaning of the internal & external surfaces complete in all respects as per site conditions and as directed by the Institute.</p> <p><u>Important Note: The should visit the site and understand the scope of the work before quoting price for this item.</u></p>				
	Part A – Civil & Interior works -Total				

Part B – Electrical works:					
S.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	ISI PVC Conduit Heavy duty for ceiling & Medium duty for wall				
	Modular Switches & socket				
	Supply & Installation of conduit wiring for light/power consisting of a) Wiring in ISI PVC conduit on ceiling/concealed in concrete slab/wall complete with GI pull wire, conduit fittings, conduit accessories like saddles, spacers, bends, couplings, collars etc., junction / pull / inspection boxes, conduit supports, bushings lamp holders, ceiling rose, flexible conduit/ inspection L bends & terminations using tinned copper lugs of crimping type. Individual junction/inspection boxes shall be provided for each lighting fitting for the purpose of looping from fitting to fitting. No. of wires in conduit shall be limited as per relevent standard. 6A switch, front cover plate & Back boxes to be considered in the point wiring b) 1100V grade FRLS copper wires/flexible cable as specified. c) Job includes necessary chipping and including cost of civil finishes (1) From DB to first Switch board will be termed as Circuit Wiring (2) From Switch board to first light/socket/fan will be termed as primary point (3) From primary point to subsequent loop point on the same circuit shall be termed as secondary point.				
	MAIN POWER DB TO ELECTRICAL VECHICLE CHARGER				
1.1	Supply,Wiring and Commisioning of the 4Rx1Cx 6 sq.mm (R,Y,B,N) + 1Rx1Cx4 sq.mm (E) PVC insulated copper conductor 1100 volts grade stranded flexible FRLS wires and all necessary teriminations, wiring accessories in Existing conduits etc..	Mtr.	25		
	EB METERING BOX TO MAIN POWER DB				
1.2	Supply,Wiring and Commisioning of the4CX16 sq.mm AL Armoured UG Cable	Mtr.	40		
1.3	Supply,Wiring and Commisioning of the 4Rx1Cx6 sq.mm (R,Y,B,N) + 1Rx1Cx4 sq.mm (E) PVC insulated copper conductor 1100 volts grade stranded flexible FRLS wires and all necessary teriminations, wiring accessories in Existing conduits etc..(For FF MAIN POWER DB)	Mtr.	25		
2	POINT WIRING SYSTEM WITH CIRCUIT WIRING				
2.1	Wiring Light / exhaust fan point				

S.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supplying all materials and conceal wiring for light points/exhaust fan using 3 runs of 1.5 mm ² 1.1kV grade PVC insulated FRLS copper conductor single core stranded wires run continuously as per IS through frls PVC conduits concealed in wall / slab etc, complete with necessary accessories, including supplying and fixing 6A modular type switch housed in a suitable factory made M.S box with moulded front plate including earthing the box, etc. complete as required including rough plastering. (Colour coding to be followed Phase (Red, Yellow, Blue), Neutral- Black & Earth - Green) - (THE RATE DOES NOT INCLUDED 5A SOCKET WITH BASE BOX AND FRONT PLATE).The scope of work includes supply and conealing of circuit wiring 2*2.5 sqmm +1* 1.5 sqmm frls coper wire in a suitable frls pvc conduit	Each	84		
2.2	Wiring Light point - 2Way				
	Supplying all materials and conceal wiring for double controlled light points using 3 runs of 1.5 mm ² 1.1kV grade PVC insulated FRLS copper conductor single core stranded wires run continuously as per IS through PVC conduits PVC conduits concealed in wall / slab etc, complete with necessary accessories, including supplying and fixing 6A modular type 2 Way switch housed in a suitable factory made M.S box with moulded front plate including earthing the box etc.complete as required including rough plastering. Junction box to be provided below the beam bottom . (Colour coding to be followed Phase(Red, Yellow, Blue), Neutral- Black & Earth - Green) (2Sets. of 6A 2 Way switch). The scope of work includes supply and conealing of circuit wiring 2*2.5 sqmm +1* 1.5 sqmm frls coper wire in a suitable frls pvc conduit	Each	26		
2.3	Wiring Fan point				
	Supplying all materials and conceal wiring for fan points with modular stepped 2 module regulator box using 3 runs of 1.5 mm ² PVC insulated FRLS copper conductor single core stranded wires of 1.1kV grade FRLS PVC insulated FRLS copper wire continuously run as per IS through PVC conduits PVC conduits concealed in wall/slab etc., complete with fan hook junction box and necessary accessories, including supplying and fixing 6A modular type switch housed in a suitable factory made M. S. box with moduled front plate including earthing the box etc. complete as required(Colour coding to be followed Phase(Red, Yellow, Blue), Neutral-Black & Earth - Green).The scope of work includes supply and conealing of circuit wiring 2*2.5 sqmm +1* 1.5 sqmm frls coper wire in a suitable frls pvc conduit	Each	14		
2.4	Double Controlled Fan point				

S.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supplying all materials and concealing wiring for fan points with modular stepped 2 module regulator box using 3 runs of 1.5 mm ² PVC insulated FRLS copper conductor single core stranded wires of 1.1kV grade PVC insulated FRLS copper wire continuously run as per IS through PVC conduits PVC conduits concealed in wall/slab etc., complete with fan hook junction box and necessary accessories, including supplying and fixing 6A modular type 2 way switch housed in a suitable factory made M. S. box with moduled front plate including earthing the box etc. complete as required(Colour coding to be followed Phase(Red, Yellow, Blue), Neutral- Black & Earth - Green) (2Sets. of 6A 2 way switch with 1No.regulator).The scope of work includes supply and concealing of circuit wiring 2*2.5 sqmm +1* 1.5 sqmm frls coper wire in a suitable frls pvc conduit	Each	5		
2.5	Wiring call bell points				
	Supplying all materials and conceal wiring for call bell points using 3 runs of 1.5 mm ² PVC insulated FRLS copper conductor single core stranded wires of 1.1KV grade as earth conductor continuously run as per IS through PVC conduits PVC conduits concealed in wall/slab etc., complete with necessary accessories, including supplying and fixing 6A modular type bell push, 230V AC buzzer with indicator housed in a suitable factory made MS box with moulded front plate including earthing the box,rough plastering etc. Complete as required. (Colour coding to be followed Phase(Red, Yellow, Blue), Neutral- Black & Earth - Green)	Each	1		
2.6	Wiring Bulk Head Light point				
	Supplying all materials and conceal wiring for Bulk head light points using 3 runs of 1.5 mm ² 1.1kV grade PVC insulated FRLS copper conductor single core stranded wires run continously as per IS through PVC conduits concealed in wall / slab etc, complete with necessary accessories, including supplying and fixing 6A modular type switch housed in a suitable factory made M.S box with moulded front plate including earthing the box, etc. complete as required including rough plastering. (Colour coding to be followed Phase (Red, Yellow, Blue), Neutral- Black & Earth - Green) - (THE RATE DOES NOT INCLUDED 5A SOCKET WITH BASE BOX AND FRONT PLATE).	Each	3		
2.7	6A Power plug points on switch board				
	Supply and providing 6A modular type universal power plug socket (shuttered) controlled with 6A modular type switch, mounted on a suitable factory built MS box with earthing facility, giving interconnections etc. and using supply & wiring of 3 runs of 2.5 mm ² 650V grade PVC insulated FRLS copper conductor wire run continously as per IS through PVC conduits concealed in wall / slab etc,	Each	15		
2.8	6A Plug points - independent position				

S.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supplying all materials and wiring for 6A plug points in independent positions including circuit mains using 3 runs of 1.5 mm ² 650V grade PVC insulated FRLS copper conductor wire run continuously as per IS through PVC conduits concealed in wall / slab etc, complete with necessary accessories, and fixing 6A modular type 3 pin shuttered plug universal socket controlled by 6A switch with moulded front plate, housed in a suitable factory built MS box. Giving connections, earthing the box, rough plastering etc complete as required. The scope of work includes supply and concealing of circuit wiring 2*1.5 sqmm +1* 1.5 sqmm frls copper wire in a suitable frls pvc conduit	Each	15		
2.9	6/16A Power plug points				
	Supply and providing 6/16A combined modular type power plug universal socket (shuttered) controlled with 16A modular type switch, mounted on a suitable factory built MS box with earthing facility, giving interconnections etc. and supply & laying of 3 runs of 2.5.mm ² 650V grade PVC insulated FRLS copper conductor wire run continuously as per IS through PVC conduits concealed in wall / slab etc,	Each	15		
2.10	6/16A Power plug points				
	Supply and providing 6/16A combined modular type power plug universal socket (shuttered) controlled with 16A modular type switch, mounted on a suitable factory built MS box with earthing facility, giving interconnections etc. and supply & laying of 3 runs of 4 mm ² 650V grade PVC insulated FRLS copper conductor wire run continuously as per IS through PVC conduits concealed in wall / slab etc,	Each	10		
2.11	AC Points: supply and conceal wiring with 2R 4sq. mm. + 1R 2.5sq. Mm. PVC insulated Copper wire in a suitable frls PVC conduit. The scope of work includes supply & fixing of 2 pole 32A MCB in a suitable metal box. The scope of work extends to wiring from DB to DP MCB to AC .	Each	6		
2.12	3 nos of 6A Power plug points				
	Supply and providing 6/16A combined modular type power plug universal socket (shuttered) controlled with 6A modular type switch, mounted on a suitable factory built MS box with earthing facility, giving interconnections etc. and supply & laying of 3 runs of 2.5 mm ² 650V grade PVC insulated FRLS copper conductor wire run continuously as per IS through PVC conduits concealed in wall / slab etc,	Each	3		
2.13	Data Point				
	Supply, conceal and fixing telephone socket (Data jack single line RJ45) on factory made MS box including supply of box giving connection etc as required.	Each	3		
2.14	Intercom Point				

S.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply, conceal and fixing Intercom socket (RJ 45 Data jack single line)on factory made MS box including supply of box giving connection etc as required.	Each	6		
2.15	TV point				
	Supply , conceal and fixing (For TV jack single line RG6)on factory made MS box including supply of box with front plate with dummy & necessary accesories.	Each	5		
3.0	TELEPHONE, TV WIRING:				
3.1	Supply, conceal & laying of 0.5sq.mm, 2Pair PVC telephone cable (From the JB to points-Tele) (Existing conduit) . (ELV cable fully copper)	Mtrs.	50		
3.2	Supply , conceal & laying of RG-6/u Dual Shielded Coaxial Cable for TV (From the JB to points-TV) (Existing conduit)	Mtrs.	60		
3.3	Supply & laying of CAT 6 cable for Data (Existing conduit)	Mtrs.	60		
4.0	DISTRIBUTION BOARDS				
	Supply, installation, testing and commissioning of the following cubicle type 1.6 mm / Standard thick CRCA sheet steel enclosed and partitions to segregate phases recessed in wall or surface mounted final distribution boards of the following description. Distribution board shall be powder coated and double door construction and in four tier configuration.				
4.1	GROUND FLOOR DB				
	Supply & concealing of 8way double door 7 segment DB Input: 63A, 4P MCB-1no Outputs: 40A,DP30mA RCCB-3no 6-32A SP MCB-24no	Nos.	1		
4.2	FRIST FLOOR DB				
	Supply & concealing of 4way TPN MCB double door DB, Input: 32A,4P MCB-1no, output: 6-32A SP MCB-12no	Nos	1		
4.3	EV CHARGING DEVICE				
	Supply & conealing of 32A TPN METAL CLAD SOCKET WITH 32A TP MCB CONTROL FOR EV CHARGING	Nos	1		
5	FIXTURES:				
	Supply ,Installation, Testing & Commissioning of the following Lighting Luminaries with necessary fixing accessories. (Philips/ Havells / Crompton Greaves/Wipro Make.)				
5.1	1 x 20W- T8 1200mm LED tube.	Nos	26		
5.2	LED mini down light fittings (13/15 W) of round type.	Nos	20		
5.3	LED micro down light fittings (3 W) of round type.	Nos	20		
5.4	LED micro down light fittings (8 W) of round type.	Nos	16		
5.5	1200 mm sweep 5 star Celing fan. CG/ HAVells make	Nos	19		
5.6	DECORATIVE LIGHTS for wall inside bed room	No	4		
5.7	DECORATIVE LIGHTS for periphery of the building	Nos	4		

S.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5.8	FOOT LAMP 0.5Watts including supplyof suitable module box for fixing of light	Nos	4		
5.9	MIRROR LIGHT 9W 2feet	Nos	8		
5.1	9Watts Bulk head LED fittings for outdoor	Nos	3		
5.11	Rope light 25w per strip	mtr	60		
5.12	20mm profile light .the scope of work including supply and fixing of stip light(25watts/ strip)	mtr	20		
5.13	25mm profile light . the scope of work including supply and fixing of stip light(25watts/ strip)	mtr	20		
5.14	Light duty ordinary 225mm sweep Exhaust fan for Toilets(9") - CG/ Almonard/Havells make	Nos	2		
6	EARTHING:				
6.1	Supply & preparation of Earth pit as per IS:3043 standards with 40mm GI pipe with funnel, charcoal, salt complete as required with masonry bricks chamber covered with CI cover etc.	Nos	1		
6.2	Supply & laying of 8SWG GI wire for earthing in pvc pipe from earth pit to distribution board.	mtr	95		
6.3	Supply & laying of 8SWG <u>CU</u> wire for earthing in pvc pipe from earth pit to distribution board.	mtr	30		
	Part B – Electrical works Total				
	Total (Part A + Part B)				
	Discount if any				
	Total Quoted amount				
	Total Quoted amount in words:				

Special note: The site should be kept neat and clean and arrangements should be made in such a way to clear the debris on day to day basis from the Institute's campus area. Failing which a penalty of Rs 1,000.00 (Rupees One Thousand only) will be imposed per day.

Note:

Above rates should be inclusive of all applicable taxes, except GST, GST will be paid as applicable separately.

Date:

Place:

(Signature of the Contractor)

Sno	ITEMS	BRAND NAME
1.	MCCB/MCB/RCCB/MCB DB	L&T/SIEMENS/ SCHNEIDER/ ABB / LEGRAND /HAVELLS
2.	HT/LT CABLES	L&T/UNIVERSAL / FINOLEX / POLYCAB / HAVELLS
3.	CABLE GLANDS	HAX/DOWELLS/HMI/BRACO/COMET/
	Lights	Philips/ Havells/ CG/ or equivalent
4.	CABLE LUGS	DOWELL/3D/JAINSON
5.	CHANGE OVER SWITCH	HPL/L&T/C&S
6.	INDICATING METERS	L&T/AE/IMP/MECO/CONZERV
7.	RELAYS	L&T/ GE/TELEMECANIQUE/AREVA
8.	CT'S RESIN-CAST	KAPPA/IMP/AE/KALPA
9.	SELECTOR SWITCHES	L&T/SIEMENS/KAYCEE
10.	FRLS WIRES	RR KABEL/FINOLEX/POLYCAB/L&T/HAVELLS/KEI
11.	MODULAR SWITCHES	ANCHOR/LEGRAND/ HONEYWELL/HAVELLS/SCHNIDER
12.	PVC CONDUITS	VIP/PRECISION/ATUL/SUDHAKAR/MODI
13.	CASING / CAPPING	CLASSIC/ MODI/SUDHAKAR
14.	LIGHT FITTINGS	PHILIPS / CROMPTON/ WIPRO/ HAVELLS
15.	EXHAUST FANS	CROMPTON/ GEC/ARMONALD/HAVELLS
16.	CEILING FANS	CROMPTON/HAVELLS/ BAJAJ/ USHA
17.	ACB	L&T/SIEMENS/ SCHNEIDER/ ABB
18.	CONTACTORS	L&T/SIEMENS/ SCHNEIDER/ ABB
19.	CABLE TRAY	STELCO/STEELWAYS/SLOTCO/PILCO
20.	BUS BAR SUPPORT SYSTEM(SMC SHEETS)	POWERMAT/L&T/C&S/LEGRAND
21.	BUS BAR TAPING BOX	SIEMENS/SCHNEIDER/ABB/C&S
22.	M S CONDUITS	BHARAT / ZINDAL/
23.	CAPACITOR BANKS	SCHNIDER/L&T/LEGRAND/EPCOS
24.	CAT-6/TELEPHONE CABLES	D-LINK/FINOLEX/POLYCAB/LEGRAND/SKYTONE
25.	LAN SWITCHES I/O PORT	CISCO/D-LINK/ JUNIPER/LEGRAND
26.	NETWORK RACK	D-LINK/VALRACK/NETRACK/EMERSON
27.	ACs	O-General/Mistubishi/Hitachi/Daikin/Bluestar
	Important: Please Tick (/) the make of materials considered in the Tender.	