

NIT NO:58/2018  
Date: 13/06/2018



**SBI INFRA MANAGEMENT SOLUTIONS PVT. LTD., (SBIIMS)**

**(WHOLLY OWNED SUBSIDIARY OF SBI)**

INVITES TENDERS ON BEHALF OF STATE BANK INSTITUTE OF RURAL  
BANKING(SBIRB),LINGAMPALLY, HYDERABAD.

IN A SINGLE BID THROUGH E-TENDERING PROCESS.

Contractors who are on the panel of SBI, Hyderabad Circle,  
(LHO) in the appropriate category (up to ₹1.00 crore) are only  
eligible. (Contractors should submit proof of the same)

FOR

PROPOSED UP GRADATION OF HOSTEL ROOMS AT SBIRB,  
HYDERABAD- ELECTRICAL WORKS.

Last date for submission of E Tender: 3.00 P.M. (IST) on 29/06/2018.

Date, time and venue of Pre-bid meeting:25/06/2018 at 11.30 AM at office of Chief  
Manager, SBIRB, Lingampally, Hyderabad-500019

Opening of E Tenders: 3.30 P. M. (IST) on 29/06/2018.

**UPGRADATION OF HOSTEL ROOMS AT STATE BANK INSTITUTE OF RURAL BANKING(SBIRB),  
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RENOVATION OF HOSTEL ROOMS- ELECTRICAL WORKS					
Note: 1) ferruling is required for all the wires. (2) use the materials which are approved by the Bank, (3) before starting of the work bidder has to take prior approval from the bank for All the procurement items like light, fan, calling bell, wires etc,. (4) bidder has to submit the as built auto cad drawing for electrical and lan works (5) Bidder has to indicate the DB no & phase for circuit wiring. (6) Bidder has to indicate Switch board No in the light, fan points, etc.					
Sl no	Description of work	Qty	Unit	Rate	Total
1	Supply, fixing and concealed in a stone masonry wall of 1nos.16A <b>Master Control switch</b> with indicator modular type including a suitable metal box with all accessories and same will be fixed outside the hostel room as required. the scope of work includes chipping and replastering etc. complete in all respects by using approved make & quality items and directed by SBIIMS. <b>Purpose</b> :Master Control Switch	1	no		
2	Supply and concealed Wiring in a stone masonry wall for the above 16A switch with <b>2runs of 4sqmm FRLS copper wires and 1 run of 2.5 sqmm FRLS earth</b> wire in PVC conduit from the nearest DB as required.(average length = 13m). , terminate the wires with suitable lugs, complete in all respects by using approved make & quality items and directed by SBIIMS <b>Purpose:</b> Wiring for the Master Control Switch.	1	job		

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3	<p>Supply and Concealed wiring in a stone masonry wall for light, fan, exhaust fan, call bell / 5A plug points with <b>3 runs of 1.5 Sqmm</b> P.V.C insulated FRLS copper conductor single core multi standard wire in PVC conduits with 3 plate ceiling rose etc. The scope of work including the supply of 6A modular switches / boxes &amp; front plates. (the light and fan point wiring shall be concealed in the wall and replastered) the scope includes Extending existing light points below the false ceiling with 3core 1.5 sqmm flat wire in MS flexible pipe as required and terminate the wires with suitable lugs, complete in all respects by using approved make &amp; quality items and directed by SBIIMS.</p>	14	no		
4	<p>same as above but for the two way light control as required in the room complete in all respects by using approved make &amp; quality items and directed by Bank.</p> <p><b>Purpose:</b> To control one light</p>	1	no		
5	<p>Supply &amp; installation of fan regulator in a suitable modular box and complete the work as directed by the Bank.</p> <p><b>Mounting:</b> To be Mounted near Head Board</p>	2	no		

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6	Supply and fixing of 1nos modular power unit suitable for 2 ton Air Conditioner with one 32A DP MCB & 32amps socket in a suitable modular box for the Air Conditioner control inside the room as required(socket should be near the AC unit & 32ADP MCB should be near the head board. supply & Wire with two runs of 4sqmm copper FRLS and one run of 2.5 sqmm copper FRLS in PVC conduit from the 32A DP MCB to AC socket as required.( length = 8m). complete in all respects by using approved make & quality items and directed by bank.	1	job		
7	Supply and concealed Wiring in a stone masonry wall for AC from main DB to AC MCB with 2runs of 4sqmm copper FRLS wires and 1 run of 2.5 sqmm copper FRLS earth wire in PVC conduit as required.(average length = 34m). , terminate the wires with suitable lugs. The scope of work includes plating, complete in all respects by using approved make & quality items and directed by Bank.	1	job		
8	Supply & fixing of 1 no of 6A socket with modular type shuttered and front plate etc. The scope of work includes chipping & plastering, complete in all respects by using approved make & quality items and directed by Bank (independent)	1	no		

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9	Supply & fixing of 1 no of 6A switch and 1 no of 6Amps socket with modular type shuttered and front plate etc, complete in all respects by using approved make & quality items and directed by SBIRD(dependent) Pupose: charger-2no, shaving-1no	3	no		
10	Supply & fixing of 2nos of 6 Amps switch and 2 nos of 6A socket modular type shuttered and front plate and accessories as required etc, complete in all respects by using approved make & quality items and directed by SBIRD Purpose:for TV and set up box-1, study tables-1(UPS)	2	no		
11	Supply & fixing of 1no of 16 Amps switch and 1 no of 6/16A socket modular type shuttered and front plate and all accessories as required etc, complete in all respects by using approved make & quality items and directed by SBIIMS Purpose: coffee maker & power point near the computer table for ironing	2	no		
12	Supply and Wiring for the above 16A sockets(coffee maker & power point) with <b>3runs of 2.5sqmm FRLS copper</b> wires in PVC conduit from the Master control switch as required. . Terminate the wires with suitable lugs, complete in all respects by using approved make & quality items and directed by Bank. Purpose: Master control switch to coffee maker , master control switch to power point.	30	rmt		

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13	re- routing of existing TV co-axial cable and it has to be run in suitable PVC pipe as required. Complete in all respects by using approved make & quality items and directed by Bank.	1	no		
14	Supply & Fixing of 15W LED recess mounting down lighter light fittings (white)or equivalent in suitable locations as required, complete in all respects as directed by Bank. Mounting Place: either side of the TV and study table	3	no		
14	Supply & Fixing of 10W LED recess mounting down lighter light fittings (white)or equivalent in suitable locations as required, complete in all respects as directed by Bank.  Mounting Place: Computer table	1	no		
15	Supply & fixing 9Watts 2 feet led lights . complete the work as directed by the Bank Mounting Place: Mirror light, bath room light	2	no		
16	Supply & fixing of 4 watts, my Living Spot light STAR, white, LED 562403186 wall mounted LED lights for study purpose. complete the work as directed by the bank Mounting Place: Head board	2	no		
17	Supply & fixing of 3 watts LED skirting(foot ) light in a suitable modular box with front plate and accessories as required complete the work as directed by the Bank	1	no		

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18	Supply & fixing of call bell and work has to be completed as directed by the Bank. Complete the work as directed by the Bank.	1	no		
19	supply & Fixing of 1200mm sweep 5 star High speed ceiling fan in suitable locations as required. And Supplying of double anchor fastener hooks and down rods . complete in all respects as directed by Bank. CG/ Havells	2	no		
20	Supply & fixing of Occupancy sensor. Model No CSS54E_WE in Schneider or equivalent in approved makes	1	No		
21	Supply & fixing of 250MM exhaust fan and complete the work as directed by the Bank	1	no		
22	Removal of existing light/fans/ conduits/ switch boards/fans/ cut outs etc as required and handing over to the Bank. complete in all respects directed by Bank.	1	job		
23	Supply and wiring with <b>3runs of 2.5 sq mm</b> 1100 V grade PVC insulated multi strand copper FRLS conductor wires conforming to IS 694 (with latest amendments) in suitable size PVC conduit of 1.5mm thick concealed in the above ducts in the floor and supply of all fixing materials and accessories, interconnections complete as required for the raw power from master control switch to Switch boards terminate the wires with suitable lugs, complete in all respects by using approved make & quality items and directed by Bank. Purpose: master control to SB	60	rmt		
Estimated Cost for One Room (A)					
Estimated Cost for 72 rooms ---- (B)					

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	MISCELLANEOUS WORKS				
1	Supply & fixing of 6 way ETPN metal DB with double door . The scope of work includes supply & fixing of Incomer: 63Amps Four Pole MCB & 8 No of 32A DP MCB and remaining unused module/ space will be covered with dummies. etc complete in all respects as directed by bank. by using approved make & quality items LEGRAND Make (for floor DB). Purpose:Lighting& power(12) and AC(12) - one at each floor	24	no		
2	Supply & fixing of 8way SPN metal DB with double door. The scope of work includes supply & fixing of Incomer: 63Amps two Pole MCB for rooms & 3 Nos of 32 A DP MCB . for all work etc complete in all respects as directed by Bank by using approved make & quality items LEGRAND Make (for floor DB). Purpose: UPS db each block one DB	4	no		
3	Supply & fixing of double door metal box with one of 32Amps two pole MCB and 14 no of 25Amps stud type terminals with ends plates. Complete in all respects by using approved make & quality items and directed by Bank. Purpose: UPS distribution	12	no		
4	Supply , laying and dressing of 1.1KV XLPE PVC Insulated 10sqmm 4 core copper armored cable. Complete the work as directed by the Bank	928	rmt		



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5	Shifting of existing panels. The scope of work includes removing of existing cables and connecting the same to the panel. The material requires for termination is also scope of work of bidder only. Complete the work as directed by the Bank. Panel Dimensions: L X B x H in mm 1010 X45 X1082- 2 no 1070 x 45 x 1043 – 2 no	4	no		
6	Supply & fixing of 400Amps Junction Box. The bidder has to provide sufficient place inside the Junction box for termination. Complete the work as directed by the Bank.	4	no		
7	Supply, laying, dressing and termination of 1.1KV XLPE PVC Insulated 95 sqmm 4 core aluminum armored cable. Complete the work as directed by the Bank	150	rmt		
8	Supply , laying and dressing of 1.1KV XLPE PVC Insulated 10sqmm 4 core copper armored cable. Complete the work as directed by the Bank.Purpose:ups input cable upto isolator	60	rmt		
9	Supply , laying and dressing of 1.1KV XLPE PVC Insulated 10sqmm 4 core copper flexible cable and one run of 6 sqmm copper cable for earth. complete the work as directed by the Bank. Purpose: Isolator to UPS input	40	rmt		
10	Supply , laying and dressing of 1.1KV XLPE PVC Insulated 10sqmm 2 core copper flexible cable and one run of 6 sqmm copper cable. complete the work as directed by the Bank. Purpose: UPS output to Output isolator	40	rmt		

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11	Supply , laying and dressing of 1.1KV XLPE PVC Insulated 10sqmm 3 core copper armored cable. Complete the work as directed by the Bank. Purpose: UPS output isolator to DBs	464	rmt		
12	Supply & installation of 100Amps 4 pole MCCB with enclosure for UPS input. Complete the work as directed by the Bank	2	no		
13	Supply & installation of 80Amps 2 pole MCB with enclosure for UPS output. Complete the work as directed by the Bank	2	no		
14	Supplying and Concealed wiring in a stone masonry wall for light points with <b>3 runs of 1.5 Sqmm</b> P.V.C insulated FRLS copper conductor multi core standard wire in PVC conduits with 3 plate ceiling rose etc including the 6A modular switches / boxes & front plates. (the light point wiring shall be concealed in the wall and replastered) the scope includes removing the existing switch boards and accessories and hand over to the Bank (Siemens/ Legrand / Honeywell /Havells) Scope also includes Extending existing light points below the false ceiling with 3core 1.5 sqmm flat wire in MS flexible as required (corridor lighting) terminate the wires with suitable lugs, complete in all respects by using approved make & quality items and directed by Bank. Purpose:stair case lights-12, floor lights-36, ceiling fans-24, shoe polish-12	84	no		
15	Same as the above two lights controlled by one switch	10	no		

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16	Supply & fixing of 1 no of 6A switch & 1no of 6A socket with modular type shuttered and front plate and accessories as required etc, complete in all respects by using approved make & quality items and directed by SBIRD (independent).Purpose: shoe polish	12	no		
17	Supply and wiring in a stone masonry wall with <b>3runs of 1.5.0 sq mm</b> 1100 V grade PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in suitable size PVC conduit of 1.5mm thick concealed in the above ducts in the floor and supply of all fixing materials and accessories, interconnections complete as required for the raw power /ups terminate the wires with suitable lugs . the scope of work includes plastering, complete in all respects by using approved make & quality items and directed by bank	3540	rmt		
18	Supply & fixing of 1 no of 6A switch & 1 no of 6A socket with modular type shuttered and front plate on a stone masonry wall etc, complete in all respects by using approved make & quality items and directed by SBIRD (dependent)	24	no		

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19	Supply and concealed wiring on a stone masonry wall with <b>3runs of 2.5.0 sq mm</b> 1100 V grade PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in suitable size PVC conduit of 1.5mm thick concealed in the above ducts in the floor and supply of all fixing materials and accessories, interconnections complete as required for the raw power from master control switch to Switch boards terminate the wires with suitable lugs, the scope of work includes plastering, complete in all respects by using approved make & quality items and directed by Bank.	540	Rmt		
20	Supply & fixing of 1no of 16 Amps switch and 1 no of 6/16A socket modular type shuttered and front plate etc on a stone masonry wall and the scope of work includes chipping and plastering, complete in all respects by using approved make & quality items and directed by Bank	28	no		
21	Supply & Fixing of 28Watts 4 feet LED lights in suitable locations as required in the corridors including stair case, complete the work as directed by Bank.	48	no		
22	Supply & Fixing of 1200mm sweep 5 star High speed ceiling fan in suitable locations as required. And Supplying of double anchor fastener hooks and down rods. complete in all respects as directed by Bank.CG/ havells	24	no		

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23	Supply & fixing of fan regulator in suitable modular box and complete the work as directed by the Bank	24	no		
24	Supply and laying of CAT6 Polycab 4 Pair Shielded Twisted Pair (STP) LAN (Computer) un armored cable conforming to EIA/TIA-568 B.2.1, ISO/IEC 11801 & IEC61156-5 in suitable size PVC conduit of 1.5mm thick concealed in the walls & replastered if required (from HUB to rooms) terminate the wires with suitable lugs, complete in all respects by using approved make & quality items and directed by Bank	3000	rmt		
25	Supply and fixing of I/O ports with enclosure for the above, the scope of work includes crimping, termination of the above CAT-6 cable for both the ends. the scope of work extends to supply and fixing of 2mtrs patch card for I/o port to system and concealed in the walls & replastered if required and work will be completed in all aspects as directed by the Bank.	72	no		
26	Supply & installation of 24 ports either net switch & uplink switch with suitable network rack with all accessories required for termination and the scope of work includes supply , fixing, crimping and termination of patch cards, power sockets,etc. complete the work as in all aspects as directed by the BANK	4	NO		

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27	<b><u>Supply , installation, testing and commissioning of the following:-</u></b> <b><u>24 Ports L2 Switch</u></b> <b>L2 switch 26 10/100/1000 ports with 2 combo mini-GBIC ports(Copper or Fiber)- Cisco make. The scope of work includes upply of patch cards, power sockets, console cable, uplink, etc. complete the work as directed by the bank</b>	4	No		
28	<b><u>Supply , installation, testing and commissioning of the following:-</u></b> <b><u>Single Module</u></b> 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM-LX	8	No		
29	<b><u>Supply, laying , testing and commissioning of the following:-</u></b> <b><u>Fiber</u></b> 6-core Outside Plant Cable - Corrugated Steel tape Armored, Loose-tube, Gel-filled, SM ( Supply and laying of fibre optic cable Polycab 6 core Shielded Twisted Pair (STP) armoured cable conforming to ISO 11801, IEC 60793-1/60794-1-2, ITU-T REC G.652D. the cable has to be laid in suitable size PVC conduit of 1.5mm thick concealed in the walls & replastered if required . Complete the work in aspects as directed by the bank	660	rmt		

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30	<b>Supply , installation, testing and commissioning of the following:- Fiber LIU:</b> 12F, 1U-LIU, LC SM OS2 , Loaded with Pigtailes, Splice tray, adapter & splice protectors	4	No		
31	<b>Supply , installation, testing and commissioning of the following:-Fiber Patch cards</b> LC-SC Single mode Duplex Patch Cord, 3 Meter	8	No		
32	Supply & laying of 4 PAIR telephone Polycab Gas Injected Physical Polyethylene Foam Insulation with Laminated Aluminum Tape and Aluminum un armored cable in suitable size PVC conduit of 1.5mm thick concealed in the walls & replastered if required (from krone box to reception) complete in all respects by using approved make & quality items and directed by Bank	3000	rmt		
33	Supply & laying of RG-6 Polycab Gas Injected Physical Polyethylene Foam Insulation with Laminated Aluminum Tape and Aluminum Wire Braid, Jelly Flooded PVC Black Jacketed Industrial Coaxial Cables. and Aluminum un armored cable in suitable size PVC conduit of 1.5mm thick concealed in the walls & replastered if required (from krone box to reception) complete in all respects by using approved make & quality items and directed by Bank (coaxile cable for tvs)	1500	rmt		

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34	Supply and fixing of modular range I/O ports for the above, the scope of includes termination of the above RJ11 cable for both the ends and concealed in the walls & replastered if required and work will be completed in all aspects as directed by the Bank.	72	no		
35	Supply and fixing of krone type telephone junction box suitable for 10 pair junction. and complete the work as in all aspects as directed by the BANK	4	no		
36	Supply & fixing of telephone instruments. The basic costs of the instrument is Rs.700.00 and submit the invoice for the same. Complete the work as directed by the Bank.	72	no		
37	Supply & installation of 10KVA UPS with 30 min back-up. Complete the work as directed by the Bank	2	no		
38	Providing independent earthing for important equipment with 40 mm dia "B" class 2.5m long G.I pipe and 19mm dia "B" class G.I pipe of 0.3 mtr. Long connected with reducer providing G.I. funnel with mesh enclosed in C.C. Chamber of 400mm x 400 mm x 400 mm with RCC slab cover duly providing staggered holes filling with salt and charcoal from the bottom of the pipe giving earth connection from electrode through G.I. strip of 50 x 6 mm x 200 mm length with all accessories and labour charges complete, as per IS specifications 732/1982 (part II)- for body earthing	8	no		



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39	Providing independent earthing for sophisticated electronic equipment with 600 mm x 600 mm x 3.5 mm thick copper plate rigidly fixed to 40 mm dia G.I. pipe of 0.3 mtr length connected with reducer providing .GI. funnel with wiremesh as per national electric code including C.C. Chamber of size 400 mm x 400 mm x 400 mm covered with RCC slab filling with salt and charcoal giving earth connection from electrode copper G.I. strip of 50 mm x 6 mm x 200 mm length with all accessories and labour charges complete, as per IS specifications 732/1982 (Part II) for UPS earthing	4	no		
40	Supply and run of 50 mm x 6 mm G.I. strip including cost of all accessories and labour charges etc. complete the work as directed by the Bank	500	rmt		
41	Supply and run of 25 mm x 6 mm copper strip including cost of all accessories and labour charges etc. complete the work as directed by the Bank	60	rmt		
42	Supply and run of 8SWG copper bear wire including cost of all accessories and labour charges etc. complete the work as directed by the Bank	560	rmt		
43	dismantle and erection of Acs in the hostel rooms during the renovation. The scope of work includes gas charging also if required.	72	no		

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44	Supply & laying of copper piping of soft & prime quality of min. 22 G upto with class "9mm" Nitrile rubber insulation, cabling from indoor to outdoor unit and the scope of work includes laying of electrical cable from outdoor to indoor.	300	rmt		
45	Supply & Installation of electronic private automatic branch exchanges (EPABX) system Equipped with (a) 02 Trunk Ports, (b) 02 Digital Ports, (c) 80 Intercom Ports,  Features (d) 15 party conferences, (e) Welcome greetings supporting, (f) Inbound/outbound Loges Maximum 12000 BUPPER CAPACITY (g) CLI based routing. (h) DISA/DOSA, (i) Public addressing, (j)PC Softphone supporting, (k) Android and IOS, Ip extensions supporting (l)Video calling supporting (point to point ) (m) PRI//VOIP/VMS/GSM/Radio phones–Connectivity(OPTIONAL) Expandable up to 160 Intercoms and 999 IP users supporting and many more features available	1	No		
46	Supply & Installation of Operator console Phone digital key phone	1	No		
47	Supply & fixing of 100 pair Junction Box with crowns	1	No		
48	Supply & fixing of 50 Pair Junction Box with crowns	1	No		

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49	Supply & laying of 20 pair 0.5mm High Conductivity Solid Annealed Bare Copper industrial Telephone (Switchboard) Cables with High Density Polyethylene Insulation, Paired, Polyester and Sheathed with High Oxygen Index, Fire Retardant, PVC Compound, Grey Outer Sheath generally conforming ITD Specification and it has to be laid in a suitable PVC conduit. Complete the work as directed by the SBIIMS.	500	rmt		
Miscellaneous works total (C)					
Total B+C					
Discounts if any					
Grand Total					