

Ref: CHF: 534:9879:2021

Date: 22.03.2021

SUBJECT : ISSUE OF TENDER -ELECTRICAL WORK OF KEYLONG BRANCH

NAME OF THE VENDOR :	
NAME OF THE WORK :	ELECTRICAL WORK TO BE CARRIED OUT AT KEYLONG BRANCH
ADDRESS OF THE BRANCH & CONTACT PERSON & NUMBER	MAIN BAZAR, KEYLONG
PROJECT TO BE COMPLETED	Within 30 days from the date of receipt of work Order or date of handover the site, whichever is later.
LIQUIDATED DAMAGES FOR NON-COMPLETION OF WORK IN TIME:	Rs 800 per day Subject to a max of 10% of the contract value.

Dear Sir,

We are issuing tender form for the Electrical Work at our Keylong branch as per address given above. You are requested to submit the same in closed envelope to us at the earliest on or before 06.04.2021 up to 02.00 PM.

Before submitting the tender, you are requested the read the instructions carefully as mentioned below:

1. Tenderers are advised to inspect and examine the site and its surrounding and satisfy themselves before submitting their tenders.
2. All the rates quoted by the contractor shall be for complete finished work including cost of all labour, materials, scaffolding, finished at site as required with tools, plants, lead, lifts, cartage etc. all work shall be executed as per specifications and instructions of Bank/Architect and shall include the supply and installation at site of all the equipment, ancillary materials as specified and all such items what so ever which may be required to fulfill the intent and purpose as laid down in the specifications.
3. All execution of works & materials should be as per tender specifications. **Materials for which specification is not given in tender in that case prior approval from the bank.**
4. **Vendors/ Sub contractors are strictly advised not to use sub standard materials. And if and sub standard material is used or found then a penalty of two times the difference in cost of standard material less sub standard material must be collected from the vendor/ sub contractor. i.e.; Penalty= 2x(Cost of Standard Material- Cost of Sub Standard Material) or bank have the right to hold the cost of that particular item and entire amount of the project will not be paid.**
5. **No advance or running payment will be paid to Vendors/ Sub Contractors. Payment will be released after satisfactory completion of work and measurement.**

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6. It is the prime responsibility of the vendor/ sub contractor to deposit appropriate taxes to The Government. The bank will not be liable due to tax evasion by the vendor/ sub contractor in this regard. The vendors/ Sub contractors must quote their rate including all taxes and duties except service tax as mentioned in Clause-6.
7. Rates shall include taxes, duties etc. including Freight, VAT, Sales Tax, Octroi, Excise Duty or any other tax on material or on finished works like work's contract tax, turnover tax, income tax, etc, as applicable till completion of work in respect of this contract shall be payable by contractor and the Bank will not entertain any claim whatsoever in this respect, **(GST WILL BE PAID EXTRA)**. Income tax shall also be deducted as per statutory instructions, from all payments due to the contractor(s).
8. The bank does not bind itself to accept the lowest or any tender other than lowest or to give any reason for its decision for acceptance or rejection of tender.
9. The bank further reserves to itself the right of accepting the tender whole or in part and tenderers shall be bound to perform the same at their quoted rates. Also the quantities of items can be increased or decreased as per requirement of the Bank. However, no claim on this ground shall be entertained by the bank.
10. All corrections and over-writings shall have to be initialed by the tenderers. Efforts to be made to avoid overwriting.
11. Incomplete and conditional tenders shall be summarily rejected.
12. Contractor shall be responsible for all Electrical defects up to a period of twelve months from the date of payment of final bill.
13. Bank shall not be responsible for any loss or damage to the contractor due to any reason or due to any act of God during the course of Electrical work. Contractor shall be liable to make good all the damages, if any till the work is completed and handed over to the Bank Authorities.
14. Payment shall be released after verification of the bill by the Architect and final checking of the work done by the Premises Section. 10% of the final bill will be kept as Retention Money from the date of final payment of bill for 12 months.
15. The contractor must comply the labour law & other applicable local by-laws.
16. While submitting the final bill vendor should submit some photographs of the Electrical works.
17. **The vendor must possess GST registration number at the time of tender submission. Tenders without GST registration number will be rejected.**

Yours faithfully,

ASSISTANT GENERAL MANAGER



TENDER FOR ELECTRICAL WORK AT KEYLONG BRANCH

(A) ELECTRICAL WORK

Sn	ITEMS	Qty	Ut	Rate	Amount
1	LT PANEL				
	Design, Manufacture, Supplying and Commissioning Main LT Panel MS 3' x 4' Distribution Board fabricated out of 1.6mm thick MS sheet, cubicle type with Danger Notice Board indicating sign (DANGER) in English, Hindi, Punjabi, wall mounted fully recessed / partly recessed with dust proof hinged and lockable doors, brass cable glands for incoming and out going connections with inter connections with copper tapes /wires consists of following:-				
(a)	INCOMER: A cubical having 100 Amps MCCB TPN (Before bus bar) breaking current 20KA, 100 Amps TPN Bus Bar (Copper Tinned), voltmeter, ammeter & Digital power factor meter , three indicators, C.Ts. with selector switches & backup fuses (HRC type)				
(b)	100 Amps 4 Pole Heavy duty on load change over switch-1 No.	1	nos		
(c)	OUTGOING: 63 amps 3 phase and neutral 6 way Lighting D.B. (LDB) with suitable rated 6/10/16 Amps SP MCB- 6 Nos (for switch board wiring).				
(d)	63 Amps 3 phase & neutral 6 way power DB with suitable rated 32/40 Amps DP MCB - 3 Nos. (1 for glow sign and 2 spare), 20 Amps SP MCB- 7 Nos (5 nos for 16A plug point each separate wiring, 2 spare)				
(e)	63 Amps FP ELCB-1 Nos. for LDB & 63 Amps FP ELCB-1 No. for PDB, ELCB of 30MA having 30 m Sec. Sensitivity (Complete as per technical specifications and including earthing of each Electrical equipments)				
(f)	LT Panel labeling using aluminium strip for section wise load distribution (Complete as per technical specifications and including earthing of each Electrical equipments)				
2	PHASE SELECTOR SWITCH				
	Providing & installing 3 Phase to single phase selector switch of 63ampere for UPS supply line. This selector switch to be connected in main panel after providing 63 Amps TPN ELCB -1Nos [as provided in Point no. 10 (b)]. For UPS input circuit from where UPS input wire is to derived, to select the any of the R, Y, B phase for UPS input supply line in case of any particular phase failure.	1	nos		
3	LIGHT POINT WIRING				
	Wiring for light points with 2x1.5sqmm and PVC insulated copper conductor wire of 650/1100 volts grade in concealed / exposed PVC pipe, including by 5 Amp piano type modular switch with MS boxes, including making all the connections, including cutting chases and making good the surfaces wherever required. (This also includes SPMCB of Main panel to switch board wiring of minimum 4 sq mm copper wire and non of the switch boards circuit wiring to be paralleled. Each switch board must be fed from separate circuit wiring from SPMCB of the Main panel)				
(a)	Each Light point controlled by one 6 amps modular type switch. (Proper care must be taken for neutral return line and not more than two switches return line is to be looped or paralleled).	14	nos		
(b)	Two Light points controlled by one 6 amps modular type switch. (Proper care must be taken for neutral return line and not more than two switches return line is to be looped or paralleled). For all Down Lighters & T-5 Lights	6	nos		



(c)	Wiring for 5Amp light plug points with 2x1.50+1.00 sqmm & PVC insulated copper conductor wire of 650/1100 volts grade with PVC insulated Copper earth wire in concealed / exposed PVC pipe, including 5pin 5Amp Socket with modular switch with MS boxes with earthing the third points, including cutting chases and making good the surfaces wherever required.	7	nos		
(d)	Light Plug Point in Counter/Wall/Partition (in 3Module PVC box with plate) (2 Socket 1 switch DIRECT) One in Manager Cabin and One in Cash Counter)	2	nos		
(e)	Light Plug Point for Wall/Bracket/EXHAUST Fan (including old points)	5	nos		
4	POWER POINT WIRING				
	Wiring for 16Amp (Socket board 2 no. 16A, 6-pin socket with 2 nos 16A switch) power plug points with 2x4+1.50 sqmm PVC insulated copper conductor wire of 650/1100 volts grade with PVC insulated copper earth wire in concealed / CONCEALED PVC pipe, including 2 no. 6pin 16Amp Socket with 2 no. 16Amp modular switch with MS boxes with earthing the third points, including cutting chases and making good the surfaces wherever required. There must be separate circuit wiring for each point & this circuit wiring must not be parallel/looped with switch board of light/plug points. (Location: Pantry, Manager cabin-1nos, Cash cabin-1no, for each two counter one 16A plug point for winter) THIS POINT MUST BE PROVIDED ON THE WALL NOT ON THE WORKING COUNTERS	5	nos		
5	FANS				
(a)	EXHAUST FAN: Supply fixing and installing the orient 300 mm diameter single phase 230 volt AC exhaust fan for toilets complete with motor, capacitor fan assembly mounting and metal frame & louvers.	1	nos		
(b)	WALL FAN: 400mm sweep, oscillating type, 3-speed pull control, single piece type propeller Wall/Brackets fan (Supply & Fixing)	4	nos		
6	LIGHTING FIXTURES				
	Supply, unpacking, assembling, testing, fixing, connecting and commissioning the following luminaries required for internal wiring of the bank premises complete in all respect.				
(a)	Ceiling Recessed full glow LED Down light for 2'x2' grid ceiling 36W with glare free end to end diffuser complete with all accessories & constant current electronic driver. Diffuser must be complete/end to end for better light distribution. Polycab Model-PCGLLL 36W, Philips model-rc380BLED 6500, Wipro Model CRCO11RO38HP57 (Please ensure to use the specific make only) As per layout	12	nos		
(b)	Surface mounted Box type 1 x 28watt T-5 lamp channel luminaires suitable for 1 x 28watt energy saving tube lamp complete with box type fixtures including lamp, electronic choke (Low losses & improved power factor) and lamp holder etc. along with erection of the same with connections, testing etc. complete in all respects as approved and desired by the Engineer-in-charge at site of Philips cat no. TMS122 M 1xTL5-28W EBT or Crompton cat no. T5RSF28EB or equivalent. (Record Room - 2, Strong Room - 2)	4	nos		
(c)	LED 15 Watt round down lighter of Crompton Greaves Model, Philips, Wipro make or equivalent (To be fixed in the Gypsum not in the Grid ceiling) and one downlighter at Cash Cabin should be attached with UPS	8	nos		
(d)	1 x 12 WCFL lamp with jumbo holders WIPRO MAKE in toilets and UPS Room including all necessary fittings & wiring (Toilet - 1, Pantry- 1, UPS - 1)	3	nos		



9 TELEPHONE POINTS				
(a)	Wiring for Telephone points with 2 pair 0.61 mm Taped Copper wire with PVC pipe with 2 pin Telephone outlet (Anchor Roma) in modular type cover.(Please note that this TELEPHONE wiring is to done from MDF to Cabin and counter location with minium two pair wire)	2	nos	
(b)	Lockable MDF (10 Pair) for Telephone/Lease & ISDN line. This MDF must be installed at the Branch entrance location and all the telephone line should start from this MDF.	1	JOB	
10 UPS POINTS WIRING				
(a)	Wiring for UPS points with 2x2.50 +1x1.5 sqmm PVC insulated copper conductor wire of 650/1100 volts grade with required earth wire with concealed / exposed PVC pipe, including making all the connections, including cutting chases and making good the surfaces wherever required.including the cost of computer socket board,with 3nos 5Amp 5 pin sockets with1no. 5Amp switch 1no.fuse and 1 no. light indicator with modular swithboard. (max. two points on each circuit, Circuit shall not be paid extra, However cash cabin point & Router point should be indepently fed from single SPMCB of UPS DB)	6	nos	
(b)	6 WAY DOUBLE-DOOR SPN DISTRIBUTION BOARD	1	nos	
	6 way Double-Door SPN Distribution Board for UPS supply comprising of : for UPS supply fitted with:-			
	i. 63 Amps TPN ELCB -1No. (To be installed in the Main Panel from where UPS DB wire to be derived up to selector switch)			
	ii. 63 Amps DPMCB -2 Nos. for UPS input supply including ups PANEL input wiring of minimum 6sqmm copper wire of phase, neutral & Earth wiring from main panel to i/p DPMCB			
	iii. 32 Amps DPMCB - 1 Nos for UPS output			
	iv. 6/10 Amps SPMCB - 5 Nos. (each for 2 UPS PC Points & spare)			
11 EARTHING				
(a)	COPPER PLATE EARTHING: Supply, Assembling installing, Testing and commissioning all the items for constructing copper plate earthing station comprises of one no. copper earthing plate 600 x 600 x 3 mm thick, 25 mm dia medium class GI Watering pipe (minimum 4.5 mm deep) GI funnel with stainless steel wire mesh strainer, concrete watering chamber with RCC to cover up the watering pit, 100 kgs of common salt, 200kgs of fire charcoal powder, earthing conductor size 25mm x 3mm from the plate to the ground level as per the revised IS 3043 standard, required hardware & miscellaneous items. The work involves digging pit in the soil, burying the earth conductor plate, installing the watering pipe, back filling the soil and constructing the water pit.(FOR UPS & ATM MACHINE BODY AND UPS SOCKET/ POINT WIRING ONLY)	1	nos	
(b)	GI PLATE EARTHING : Supply, Assembling installing, Testing and commissioning all the items for constructing GI plate earthing station comprises of one no. GI earthing plate 600 x 600 x 6 mm thick, 25 mm dia medium class GI Watering pipe (minimum 4.5 mm deep) GI funnel with stainless steel wire mesh strainer, concrete watering chamber with RCC to cover up the watering pit, 100 kgs of common salt, 200kgs of fire charcoal powder, earthing conductor size 25mm x 3mm from the plate to the ground level as per the revised IS 3043 standard, required hardware & miscellaneous items. The work involves digging pit in the soil, burying the earth conductor plate, installing the watering pipe, back filling the soil and constructing the water pit.(FOR MAIN PANEL BOARD, FOR UPS NEUTRAL GROUNDING, LIGHTING & POWER CIRCUIT EARTHING)	1	nos	



(c)	EARTHING CONDUCTORS: Wiring with 1x10sqmm PVC insulated copper conductor wire of 650/1100 volts grade (FINOLEX make flame guard Quality) as earth wire with concealed/ CONCEALED PVC pipe including making all the connections. (Please Note that this earth wire from copper earthing point should terminate to UPS distribution panel and it should be connected to earth point of UPS socket only & earth wire from GI Plate earthing should terminate to Main electricity panel & UPS NEUTRAL EARTHING) In no case UPS neutral earthing(to be connected to GI earthing) and UPS point wiring earthing(to be connected to GI earthing) should be common. Due to this UPS neutral should be earthed to GI earthing however for UPS point wiring only Copper earthing to be used.	20	MTR		
12	CABLES				
(a)	Main Wiring with 4x35 sqmm flame proof PVC insulated aluminium conductor armoured CABLE of 650/1100 volts grade with required earth wire with concealed / exposed PVC pipe, including making all the connections, including cutting chases and making good the surfaces wherever required.(WITH PROPER COLOUR CODING FOR RYBN CONDUCTOR)	15	MTR		
(b)	Glow Sign Board pt. Wiring:- 2 x 4 sqmm + 1 x1.5sqmm multi strand PVC copper wire in PVC Pipes. This is to connected to one of SP or DP MCB of the Main Panel.	10	MTR		
13	LABOUR CHARGES FOR REFIXING				
	Quote Labour charges for fixing and commissioning of ceiling lights, fans, tube lights, UPS DB box etc (fixture to be taken from old premises and to be refitted), including cutting and repair of the surface/ ceiling if required. (2 nos of old fans to be installed in Strong Room and 2 nos Record Room, 01 in Pantry Area and 01 in UPS Area) Note: Ceiling Fans in Strong Room and Record Room is to be reused.	10	nos		
TOTAL ELECTRICAL WORK AMOUNT					
PROPER COLOUR CODING MUST BE FOLLOWED WHILE CARRYING OUT WIRING WORK. MINIMUM DISTANCE OF 4 METER MUST BE MAINTAINED BETWEEN THE TWO EARTHING. REMOVING OF EXISTING FITTINGS, PANELS ETC HAS TO BE REMOVED AND DEEMED SCOPE OF THIS TENDER.					

