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INDIRA GANDHI NATIONAL OPEN UNIVERSITY
CONSTRUCTION AND MAINTENANCE DIVISION
MAIDAN GARHI, NEW DELHI-110068

F. No.IG/CMD/NIQ/2022-23/
Dated:-04.11.2022

NOTICE INVITING TENDER

Sub:- Electrification of Regional Centre-II at International Institute of Adult and Life long Education C/o Indian Adult of Education Association, 17-B Indraprastha Estate, New Delhi.

Estimated cost :- Rs.4,59,567/-
Earnest money :- Rs.9,191/-

Sealed item rate quotations for the above mentioned work are invited by the under-signed on behalf of IGNOU from the agencies doing such type of work. The quotations shall be obtained from the office of the under-signed on or before 11.11.2022 upto 02:30 PM. The quotations shall be submitted in the office of the undersigned on or before 14.11.2022 upto 03:00P.M which shall be opened/evaluate on the same day at 03:30 PM.

The quotations will be issued only on produce of Registration of TIN No. latest challan for VAT/GST deposit and proof for satisfactory completion of three similar works each costing to 40% of our estimated cost or two works each costing to 60% of our estimated cost or one work costing to 80% of our estimated cost during the last five years, duly certified by the Competent Authority.

(R. Sudheer Reddy)
Chief Project Officer

Copy to :-
1.Sh. Anand Soni, D.R (Admn.) } With request to attend meeting at the time of opening/
2.Sh. Aseem Kumar, D.R (F&AD) } evaluation of quotations i.e. 14.11.22 at 03:30 PM.
3.Er. Rajan Sharma, AEE(E), CMD – For information please.
4.Sh. Ram Prakash, S.O., CMD – To attend the meeting along with above file.

SCHEDULE OF QUANTITY (Quotation)

Estimated Cost-Rs.4,59,567/-

E. M.D-Rs. 9191/-

Name of work:- Electrification of Regional Centre –II at International Institute of Adult and Life long Education C/o Indian Adult & Education Association, 17-B Indraprastha Estate, New Delhi-110002.

S.no.	Description	Qty.	Unit	Rate	Amt.	Remarks
1.	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group A	45	Point			
2.	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ PVC conduit as required.					
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	90	Mtr.			
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	75	Mtr.			
	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	75	Mtr.			
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	70	Mtr.			
	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	90	Mtr			
3.	Supplying and drawing following sizes of FRLS PVC insulated copper Conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.					
	3 x 1.5 sq. mm	35	Mtr.			
	2 x 2.5 sq. mm	40	Mtr.			
	4 x 2.5 sq. mm	40	Mtr.			
	2 x 4 sq.mm	40	Mtr.			
	4 x 4 sq. mm	20	Mtr.			
4.	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
	5/6 A switch	104	Each			
	15/16 A switch	123	Each			
	3 pin 5/6 A socket outlet	104	Each			
	6 pin 15/16 A socket outlet	123	Each			
5.	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.					
	3 Module (100mmX75mm)	23	Each			
	6 Module (200mmX75mm)	23	Each			
	8 Module (125mmX125mm)	23	Each			
	12 Module (200mmX150mm)	8	Each			

6.	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc.as required.	30	Each			
7	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	45	Each			
8.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) (c) 8 way , Double door	2	Each			
09.	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way (4 + 12), Double door. 6 way (4 + 24), Double door.	1 3	Each Each			
10.	Installation of wall fan including connections, testing and commissioning etc complete as required.	15	Each			
11.	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. Single pole Double pole	95 4	Each Each			
12.	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	40	Each			
13.	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 A 63A	2 2	Each Each			
14.	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 A 63 A	2 3	Each Each			
15.	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following single pole and neutral, sheet steel, MCB distribution board, 240 Volts, on surface/ recess, complete with testing and commissioning etc. as required For 8 way, Double door SPN MCB DB	2	Each			
16.	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following triple pole and neutral, sheet steel, MCB distribution board, 415 Volts, on surface/ recess, complete with testing and commissioning etc.as required.					

	For 4 way, Double door TPN MCB DB For 6 way, Double door TPN MCB DB	2 2	Each Each			
17.	Providing and fixing following rating and breaking capacity and pole MCCB with thermo magnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. 100 A,30KA,FPMCCB 125 A,36KA,FPMCCB	1 1	Each Each			
18.	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	2	Each			
19.	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc.as required.	8	Each			
20	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ sub main wiring/ cable as required.	200	Mtr.			
21.	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on surface and making good the same etc. as required. up to 35 sq. mm Above 35 sq. mm and up to 95 sq. mm	90 30	Mtr. Mtr.			
22.	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. Upto 35 sq. mm Above 35 sq. mm and upto 95 sq. mm	10 10	Mtr. Mtr.			
23.	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required 4 X 25 sq. mm (28mm) 4 X 35 sq. mm (32mm) 4 X 50 sq. mm (35mm)	10 6 2	Each Each Each			
24.	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required. 50 mm dia	12	Mtr.			
25.	Supplying, fixing & commissioning following capacity bus bar box of size 600mmx600mmx200mm made of 1.6mm thick sheet steel enclosure suitable for fixing of 4 pole MCCB, painted with power coating, wall straps, fully PVC insulated 4 nos aluminum bus bar of current rating 200Amp ,415 volts, 3 phase, 4 wire 50 HZ Ac supply including earth strips etc. as required. (without MCCB)	2	Each			
26.	Supplying and fixing 20watt (LED) 4 feet tube light fitting complete etc as reqd.	30	Each			

27.	Supplying of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade of following size etc. as reqd. 4x 25 sqmm 4x35sqmm 4x50sqmm	 60 30 30	 Mtr Mtr Mtr			
28	Supplying of wall fan size 400 mm sweep, 1350/1400 RPM speed complete etc as required (Make-Havell's/Crompton/Usha/Orient)	15	Each			
29.	Less for old scrap/dismantle material like as switch. sockets, T/light fittings, wires, bulbs etc. Lump-Sump (-)	L-S	---			

Chief Project Officer

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Specification & special conditions:-

1. (a) Unless otherwise specified the work shall be carried out as per CPWD specification of works 1996 vol. I & II with all updated corrections slips and addendums and CPWD specifications of electrical works (Internal ext. electrical) 1994 and 1995 with all updated correction slips for items of works not covered by tender/quotation specifications.
   (b) Relevant BIS specifications of items of work not covered by the above specifications.
   © Provisions of Indian Electricity Act-1910 and Indian Electricity Rules-1956 amended till date.
2. The quantities shown in the schedule are tentative and may change as per site requirement.
3. The overall work deviation & completion cost of any work including works of upgradation, aesthetic, special repair maintenance, addition/alteration shall not exceed 1.25 times of tender/quotation amount.
4. The prices for all items quoted by the contractor shall inclusive of all taxes and nothing extra will be paid on this account. All precautionary measures should be adopted for the safety purpose for any accident during the execution of work occurring at site, the contractor shall be overall responsible for the same.
5. The agency will submit the bill & measurement book in computerized mode for payment of running/final payment.
6. The agency shall inspect the site of work and shall fully acquaint him about the condition with regard to accessibility of site required for satisfactory execution of work and no claim whatever shall be entertained by the department on this account.
7. The agency will have to make good as original to the building and remove all the malba after execution the work otherwise the same will be done at the risk and cost of contractor/agency.
8. The contractor shall guarantee the entire work carried out by him for a period of one year from the date of completion/handing over to the department. All the T&P, labour, catage etc shall be arranged by the agency and nothing extra charges will be paid on this account.
9. The ISI approved makes for material to be used for executing the work as per Annexure-A enclosed.
10. After award of work, if the agency fails to start the work, the Earnest Money/Performance Guarantee submitted by them will be 100% forfeited.
11. The water and electricity if available shall be supplied to the contractor and 1% on account of water & 0.25% on account of electricity shall be recovered from agency on gross amount of the work done.

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Annexure-A

Sub:- Electrification of Regional Centre –II at International Institute of Adult and Life long Education C/o Indian Adult & Education Association, 17-B Indraprastha Estate, New Delhi-110002.

The makes for the materials to be used in this work as under:-

MV Cables/wires etc	-	Fort Gloster/Finolex/Polycab/Havell's
MCCB's	-	GE power /L&T/Simens/ABB/Adhunik
MCB's	-	Indokop/Havell's/Standard/L&T/Simens
LED tube fittings	-	Philips/Crompton/wipro/syska
Modular switch/sockets	-	Anchor/Roma/Legrand/Hevell's
Electric Bell/Buzzer	-	Anchor/Philips/Crompton/kinjel
Exhaust/Ceiling/wall Fans	-	Havell's/Crompton/Usha/Orient
Steel/Pvc Conduits	-	AKG/ABB/Jindal/S.K/NIC

Chief Project Officer