# Malaviya National Institute of Technology Jaipur

Jawahar Lal Nehru Marg, JAIPUR-302017 (Rajasthan)
Ministry of Education
(Government of India)



# **Open Tender Enquiry For**

**Procurement of Street Light Pole and Accessories** 

#### MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Phone: 0141-2713312,2713352

No. F5(3110)ST/MNIT/Estate /2022

#### **NOTICE INVITING QUOTATIONS**

**Registrar** MNIT, JLN Marg, Jaipur invites sealed tenders for the supply of "Street Light Poles and Accessories" of this Institute in Single Bid System as per schedule given below:

Schedule						
Event	Date & Time					
Download of Tender	11.07.2022					
Bid Submission Last Date & Time	03.08.2022 by 2.00 PM					
Bid Opening Date & Time	03.08.2022 at 3.00 PM					
Earnest Money	(Rs. 42,000.00)					
	<b>EMD</b> in the form of Demand Draft in the name of					
	The Registrar, MNIT payable at Jaipur or NEFT/RTGS					
	in the bank account details as under:-					
	Bank Name: ICICI Bank Ltd.,					
	Bank Branch: MNIT Jaipur					
	Account Holder: Registrar MNIT Jaipur, J.L.N.					
	Marg, Jaipur					
	Bank Account No: 676805000011					
	Bank IFSC Code: ICICI0006768					
Performance Bank Guarantee	3% of the contract value valid till warranty period					
	plus 60 days.					
Warranty	Standard OEM warranty not less than 1 year					
Delivery	60 Days					
Bid Validity days	90 days					
Email Address (for Technical	storepurchase@mnit.ac.in					
Clarifications)						

# 2. INVITATION FOR TENDER OFFER FOR PROCUREMENT OF "STREET LIGHT POLES AND ACCESSORIES"

Malaviya National Institute of Technology, Jaipur (MNIT) invites bids from eligible and experienced OEM (Original Equipment Manufacturer) or OEM Authorized Dealer for procurement of 'Street Light Poles and Accessories (warranty period as stated at "Schedule") on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document.

#### 2.1. TECHNICAL SPECIFICATION:

S.No.	Instrument Specifications	Unit	Qty
	Supply of Streel light pole and accessories		
1	Supply of P.V.C. / XLPE insulated & P.V.C. sheathed Armoured cable of 1.1 aluminium conductor of IS:1554 P-I / IS:7098 P - I of approved make. (Make: Gloster, CCI, Finolex, Rallison, Ekta, Delton, Havell's, KEI, Diatron Empire, Orbit, Polycab, National)		
1.1	6.0 Sq.mm 4 core	Mtr.	2100
1.2	16.0 Sq.mm 4 core	Mtr.	275
1.3	35.0 Sq.mm 3.5 core	Mtr.	500
1.4	70.0 Sq.mm 3.5 core	Mtr.	350
2	Supply of MS swaged tubular pole conforming to IS:2713-1980 (partItoII) with galvanised base plate, cable entry, GI cable sleeve complete as required. painted with two coat of redoxide primer and two quote of enamel paint of silver colour as per the direction of Engineer in charge. The pole shall be fabricated by using ISI mark tube for structural purpose of following height & designation. (See Table P-02 for specs.) complete in all respect. All as per pre approved by Engineer in charge. For additional technical parameters of products / work, refer Annexure"A" attached with the BSR ( 9.0 Mtr. ( 410 SP - 28 )).  Overall Height - 09 Mtr.  Base Plate Size - 300 x 300 x 5 mm  Length of sections - Bottom - 5.0 mtrs, Middle- 2.0 mtrs, Top - 2.0 mtrs.	Nos.	70
	Outside dia. & thickness of sections - Bottom - 139.7mm x 4.5 mm, Middle- 114.3mm x 3.65mm, Top - 88.9mm x 3.25mm.		
3	Supply of thermoplastic/ PVC cable junction boxes of following sizes including clamps for holding the box, cost of DIN rail for MCB mounting, connectors for cables terminals, threaded cable glands made of polyamide material etc. complete in all respect.  - 175mm X 150mm X100mm	Each	70
4	(Make: HPL, Sintex, United)  Supply of 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (C tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898.  - Single pole MCB - 10 A rating (Make: Schneider (neo break), Siemens, HPL, GE, Standard, Indoasian(gold), Havell's, C & S, ABB (S270), L&T, Legrand (Ekinoxe / Lexic))	Each	70

	Supply of ISI marked P.V.C. insulated submersible cable confirming to IS:694 with flexible copper conductor.	Mtr.	770
5	- 1.5 Sq.mm 3 core Round		770
	(Make RR Kabel, National, Finolex, Rallison, Delton, KEI, Anchor, L &		
,	T, Standard, Orient Cab, Orbit, HPL, Unicab, Polycab, Havell's, Diatron)		
,	Supply of out door timer panel complete with incomer MCCB FP 16KA		
	63A Thermal Magnetic Release, TIME SWITCH, POWER CONTACTOR		
	FP, POWER CONTACTOR FP, IND. LIGHT LED R,Y,B, CONTROL	Each	5
6	MCB	Lacii	3
	10KA C-CURVE, outgoing MCB DP 10KA C-CURVE control and		
	power wiring, bus bar of appropriate rating,		
	ENCLSOURE 1.6MM/3.15mm Outdoor type double door Front opening		
,	with angle iron frame -35mmx35mmx5mm (hight-600mm) complete as		
1	required.		
	(Manufactured by : Seimens, Mile stone, coremetal craft Ltd.,		
	AdLac, Advance, Johns Electric, Neptune. Make of the Swithgears: ABB,		
]	Legrand, Schneider, Seimens, L&T)		
7	Supply of HDPE pipe ISI mark (IS:4984/95)		
7.1	50 mm OD 4 kg/ cm2	Mtr.	350
7.2	63 mm OD 4 kg/ cm2	Mtr.	250

Note: Sample of each item shall be approved by engineer-in charge before supply of items

Deputy Registrar (Store & Purchase)

#### 3. GENERAL TERMS & CONDITIONS

- **3.1. Compliance certificate:** This certificate must be provided indicating conformity to the technical specifications. (**Annexure-I**)
- **3.2. Due date**: The tender has to be submitted on or before the due date. The offers received after the due date and time will not be considered.
- 3.3. Earnest Money Deposit (EMD): The Bidder should submit EMD as per "Schedule". The Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The EMD will be refunded without any interest to the unsuccessful Bidders after the award of contract. The bidders are required to submit their bank details/cross cancelled cheque in this regard. In case of successful bidder, it will be refunded after receipt of Performance Bank Guarantee. NSIC / MSME registered bidders must submit copy of valid NSIC / MSME Registration Certificate for exemption of EMD.
- **3.4. Opening of the tender**: The bid will be opened by a committee duly constituted for this purpose. The bids (complete in all respect) received will be opened in presence of bidder's representative if available. Only one representative will be allowed to participate in the tender opening. Purchase order will be awarded to firm  $(L_1)$  quoting lowest price and meeting all technical specifications and conditions.

#### 3.5. Purchase preference to Micro and Small Enterprises (MSEs):

Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference for product/services, the bidder must be the manufacturer/Service provider of the offered product/service. Relevant documentary evidence in this regard shall be submitted along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.

**3.6. Acceptance/ Rejection of bids:** The Institute reserves the right to reject any bid not fulfilling the eligibility criteria. Submission of incomplete bid/ incomplete bid format would lead to rejection of bids. All documents required to be submitted should be the part of the bid. If any document is not submitted, the bid will be treated as incomplete and this would lead to rejection. No communication in this regard will be entertained. Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between bidder's specification and supporting documents etc. may lead to rejection of the bid.

#### **3.7.** Pre Qualification Criteria:

- 3.7.1. Bidder should be the manufacturer / authorized dealer. Letter of Authorization from Original Equipment Manufacturer (OEM) specific to the tender should be enclosed in the format (Annexure II). Letter of authorization from OEM in any other format or not specific to this tender will not be accepted.
- 3.7.2. In the tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.
- 3.7.3. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

- 3.7.4. The Bidder must have successfully executed / completed at least one single order of Rs. 13,48,000.00 or 2 orders each of Rs.8,43,000.00 % or 3 orders each of Rs. 6,74,000.00 for similar products in last three years to any IIT/NIT/CFTIs/ any other Govt. organization. Copies of contracts / purchase orders and documentary evidence of successful execution / completion in support of Past Experience of Similar product along with names, address and contact details of clients shall be submitted in the format (Annexure III) with the bid for verification by the Buyer.
- 3.7.5. Only "Class–I and Class-II local supplier will be eligible to bid notified vide (DPIIT) Notification No. P- 45021/2/2017-PP (BE-II) dated 4th June, 2020. It is mandatory for bidders to quote items having local content more than 20%. Refer revised Public Procurement (Preference to Make in India), Order 2017 P-45021/2/2017-B.E-II dated 04.06.2020 issued by DPIIT, Ministry of Commerce and Industry, Govt. of India. (Submit duly filled Annexure IV for the same)

#### 3.8. Delivery and Documents:

Delivery of the goods should be made within a maximum period mentioned at the 'Schedule' from the date of placement of purchase order.

#### 3.9. Liquidated Damages (L.D):

If a supplier fails to execute the order in time as per the terms and conditions stipulated therein, it will be open to the purchaser to recover liquidated damages for delay in delivery and installation from the supplierat the rate 0.5% of the value of the order per week subject to a maximum of 10% of the total order value. The L.D charges can be increased in case of gross violation of the Purchase Order terms as decided by the Competent Authority of the Institute.

**3.10. Place of Jurisdiction**: The place of jurisdiction would be Jaipur (Rajasthan).

#### 3.11. Taxes and Duties

Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser. However, GST in respect of the transaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in the order.

#### **3.12. Payment**:

- 1) 100% payment shall be made by the Purchaser against delivery, inspection, successful installation, commissioning and acceptance of the equipment at MNIT Jaipur in good condition and to the entire satisfaction of the Purchaser and on production of unconditional performance bankguarantee as specified in bid document.
- 2) GST Deduction at source as per Order/ notification of the Govt.
- 3) GST No of MNIT Jaipur is **08AAAJM0351L1Z6**
- **3.13. Defective Equipment**: If any of the equipment supplied by the Supplier is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall berefunded by the Supplier with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 7 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, MNIT Jaipur may consider "Banning" the supplier.

- **3.14. Genuine Pricing:** Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold.
- **3.15. Exemption to Startups**:If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
- **3.16. Exemption to MSME:** If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
- **3.17.** Price must be submitted in the prescribed format (**Annexure-V**)

Deputy Registrar Stores and Purchase MNIT Jaipur

#### **COMPLIANCE SHEET**

S.No.	Name of Item: Supply of streel light pole and accessories			Comply (Yes/No)	Supporting Page No.
	Particulars and Instrument Specifications	Unit	Qty		
1	Supply of P.V.C. / XLPE insulated & P.V.C. sheathed Armoured cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS:7098 P - I of approved make.(Make: Gloster, CCI, Finolex, Rallison, Ekta, Delton, Havell's, KEI, Diatron, Unicab, Unistar, Empire, Orbit, Polycab, National)				
1.1		Mtr.	2100		
1.1	6.0 Sq.mm 4 core 16.0 Sq.mm 4 core	Mtr.	275		
1.3	1	Mtr.	500		
1.3	35.0 Sq.mm 3.5 core 70.0 Sq.mm 3.5 core	Mtr.	350		
2	Supply of MS swaged tubular pole conforming to IS:2713-1980 (partItoII) with galvanised base plate, cable entry, GI cable sleeve complete as required. painted with two coat of redoxide primer and two quote of enamel paint of silver colour as per the direction of Engineer in charge. The pole shall be fabricated by using ISI mark tube for structural purpose of following height & designation. (See Table P-02 for specs.) complete in all respect. All as per pre approved by Engineer in charge. For additional technical parameters of products / work, refer Annexure"A" attached with the BSR ( 9.0 Mtr. ( 410 SP - 28 )).  Overall Height - 09 Mtr.  Base Plate Size - 300 x 300 x 5 mm  Length of sections - Bottom - 5.0 mtrs, Middle- 2.0 mtrs, Top - 2.0 mtrs.  Outside dia. & thickness of sections - Bottom - 139.7mm x 4.5 mm, Middle- 114.3mm x 3.65mm, Top - 88.9mm x 3.25mm.	Nos.	70		
3	Supply of thermoplastic/ PVC cable junction boxes of following sizes including clamps for holding the box, cost of DIN rail for MCB mounting, connectors for cables terminals, threaded cable glands made of polyamide material etc. complete in all respect.  - 175mm X 150mm X100mm (Make: HPL, Sintex, United)	Each	70		
4	Supply of 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (C tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898.  - Single pole MCB - 10 A rating (Make: Schneider (neo break), Siemens, HPL, GE, Standard, Indoasian(gold), Havell's, C & S, ABB (S270), L&T, Legrand (Ekinoxe / Lexic))	Each	70		

	Supply of ISI marked P.V.C. insulated submersible cable confirming to IS:694 with flexible copper conductor.	Mtr.	770		
5	- 1.5 Sq.mm 3 core Round		770		
	(Make RR Kabel, National, Finolex, Rallison, Delton, KEI,				
	Anchor, L & T, Standard, Orient Cab, Orbit, HPL, Unicab,				
	Polycab, Havell's, Diatron)				
	Supply of out door timer panel complete with incomer MCCB				
	FP 16KA 63A Thermal Magnetic Release, TIME SWITCH,				
	POWER CONTACTOR FP, POWER CONTACTOR FP,	Each	5		
6	IND. LIGHT LED R,Y,B, CONTROL MCB	Lacii			
	10KA C-CURVE, outgoing MCB DP 10KA C-CURVE				
	control and power wiring, bus bar of appropriate rating,				
	ENCLSOURE 1.6MM/3.15mm Outdoor type double door				
	Front opening with angle iron frame -35mmx35mmx5mm				
	(hight-600mm) complete as required.				
	(Manufactured by : Seimens, Mile stone, coremetal craft Ltd.,				
	AdLac, Advance, Johns Electric, Neptune. Make of the				
	Swithgears: ABB, Legrand, Schneider, Seimens, L&T)				
7	Supply of HDPE pipe ISI mark (IS:4984/95)				
7.1	50 mm OD 4 kg/ cm2	Mtr.	350		
7.2	63 mm OD 4 kg/ cm2	Mtr.	250		_
8	Proof of Earnest Money Deposit	-1			
9	Copy of GST Certificate and PAN				
10	Non Blacklisting of Supplier and Price reasonabilitydeclaration				
11	Required past Experience				
12	Transmitten a vertage annual terms ver of the orders				
13	The Suit Service Comment				
14	Manufacturer's Authorization Letter				
15	Declaration of Local Content				

Signature of Bi	dder
Name:	
Designation:	
Organization N	Vame:
Contact No.: _	

#### **MANUFACTURERS' AUTHORIZATION FORM**

[The bidder shall require the Manufacturer to fill in this Form in accordance with the Instructions indicated. This letter of authorization should be on the letter head of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer]

Date: [insert date (as day, month and year) of Bid Submission] Tender No.: [insert number from Invitation forBids]

To: [insert complete name and address of Purchaser] WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 4.23 of the Terms and Conditions, with respect to the Goods offered by the above firm. Further We also ensure to support on regular basis with technology / product updates.

**Signed:** [insert signature(s) of authorized representative(s) of the Manufacturer] **Name:** [insert completename(s) of authorized representative(s) of the Manufacturer]

**Title**: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on day of , [insert date of signing]

# Past Experience details

List of Organizations for whom th	e bidder has undertaken	such work durin	g last three years					
(must be supported with Purchase orders)								
Name of the organization	Name of Contact	Contact No.	<b>Copy of Purchase Orders</b>					
	Person		(Page no.)					
to. With ant submission of volume	4 Dll		41					

Note: Without submission of relevant Purchase orders, experience will not be considered.

Signature of Bidder	
Name:	
Designation:	
Organization Name:	
Contact No.:	

## DECLARATION OF LOCAL CONTENT

### [For Local Content of Products, Services or Works]

(To be given on Company Letter Head – For tender value below Rs.10 Crores)
(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above Rs.10 Crores)

	Registrar IT Jaipur					
	ject: Declaration of Local Content nder reference No					
2. W C	ountry of Origin of Goods being offered:  ith reference to Order No. P- 45021/2/2017-PP(BE-II) dated 16-09-2020 of DPIIT, Ministry of ommerce and Industry, Govt. of India, we fall under the following category of supplier (please tick the orrect category) for the items for which this tender has been floated and being bided.					
•	Class I local supplier – has local content equal to more than 50%. Local contents added at (name of location).					
•	Class II local supplier – has local content more than 20% but less than 50%. Local content sadded at(name of location).					
•	Non-local supplier – has local content less than or equal to 20%. Local contents added at (name of location).					
d R	The are solely responsible for the above mentioned declaration in respect of category of supplier. False eclarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial rules for which we may be debarred for up to 2 years as per Rule 151(iii) of the General Financial Rules ong with such other actions as may be permissible under law.					
	Signature of Bidder/ Agent					
	Name:					
	Designation: Organization Name:					
	Contact No.					

#### Annexure V

#### PRICE BID FORMAT

	I NICE DID I ONIMAT						
1	2	3	4		5		6
					Price (Rs.)	_	
				5 (A)	5 (B)	5 (C)	
Sl. No.	Name Item with Description	Unit	Qty.	Unit	Price	GST	TotalItemprice
	Consider of D.V.C. / VI.D.C. involved 8. D.V.C. about all Assessment and a self-self-self-self-self-self-self-self-			Price	4 x 5(a)	payable	6=5(b)+5(c)
	Supply of P.V.C. / XLPE insulated & P.V.C. sheathed Armoured cable of 1.1 KV grade with						
1	aluminium conductor of IS:1554 P-I / IS:7098 P - I of approved make.(Make: Gloster, CCI,						
	Finolex, Rallison, Ekta, Delton, Havell's, KEI, Diatron, Unicab, Unistar, Empire, Orbit, Polycab,						
	National)						
1.1	6.0 Sq.mm 4 core	Mtr.	2100				
1.2	16.0 Sq.mm 4 core	Mtr.	275				
1.3	35.0 Sq.mm 3.5 core	Mtr.	500				
1.4	70.0 Sq.mm 3.5 core	Mtr.	350				
2	Supply of MS swaged tubular pole conforming to IS:2713-1980 (partItoII) with galvanised base plate, cable entry, GI cable sleeve complete as required. painted with two coat of redoxide primer and two quote of enamel paint of silver colour as per the direction of Engineer in charge. The pole shall be fabricated by using ISI mark tube for structural purpose of following height & designation. (See Table P-02 for specs.) complete in all respect. All as per pre approved by Engineer in charge. For additional technical parameters of products / work, refer Annexure"A" attached with the BSR ( 9.0 Mtr. ( 410 SP - 28 )). Overall Height - 09 Mtr.  Base Plate Size - 300 x 300 x 5 mm  Length of sections - Bottom - 5.0 mtrs, Middle- 2.0 mtrs, Top - 2.0 mtrs.  Outside dia. & thickness of sections - Bottom - 139.7mm x 4.5 mm, Middle- 114.3mm x 3.65mm, Top - 88.9mm x 3.25mm.	Nos.	70				
3	Supply of thermoplastic/ PVC cable junction boxes of following sizes including clamps for holding the box, cost of DIN rail for MCB mounting, connectors for cables terminals, threaded cable glands made of polyamide material etc. complete in all respect.  - 175mm X 150mm X100mm (Make: HPL, Sintex, United)	Each	70				

				ion	
			Name:	Signature of 1	Bidder/ Agent
וטנמו טונ	I price (for Indian components) in Indian Currency*: (in figures):				
Total his					
	If any other cost (Please specify)  GRAND TOTAL				
	Total				
7.2	63 mm OD 4 kg/ cm2	Mtr.	250		
7.1	50 mm OD 4 kg/ cm2	Mtr.	350		
7	Supply of HDPE pipe ISI mark (IS:4984/95)				
	(Manufactured by : Seimens, Mile stone, coremetal craft Ltd., AdLac, Advance, Johns Electric, Neptune. Make of the Swithgears : ABB, Legrand, Schneider, Seimens, L&T)				
	ENCLSOURE 1.6MM/3.15mm Outdoor type double door Front opening with angle iron frame - 35mmx35mmx5mm (hight-600mm) complete as required.				
	appropriate rating,				
6	10KA C-CURVE, outgoing MCB DP 10KA C-CURVE control and power wiring, bus bar of	Each	5		
	LED R,Y,B, CONTROL MCB	F 1	_		
	Supply of out door timer panel complete with incomer MCCB FP 16KA 63A Thermal Magnetic Release, TIME SWITCH, POWER CONTACTOR FP, POWER CONTACTOR FP, IND. LIGHT				
	Cab, Orbit, HPL, Unicab, Polycab, Havell's, Diatron)				
Z	(Make RR Kabel, National, Finolex, Rallison, Delton, KEI, Anchor, L & T, Standard, Orient				
5	- 1.5 Sq.mm 3 core Round		770		
	Supply of ISI marked P.V.C. insulated submersible cable confirming to IS:694 with flexible copper conductor.	Mtr.	770		
	(Make: Schneider (neo break), Siemens, HPL, GE, Standard, Indoasian(gold), Havell's, C & S, ABB (S270), L&T, Legrand (Ekinoxe / Lexic))				
4	- Single pole MCB - 10 A rating				
	(C tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898.		70		
	Supply of 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA	Each			