TWO BID Re-E- TENDER DOCUMENT

Tender No: 39-02/2022-23/Head/Engineering Cell/ Elect.

Annual Rate Contract for supply of electrical items for day to day maintenance of Residential and Non-Residential Building FRI

2022-23

Engineering Cell Forest Research Institute P. O. New Forest Dehra Dun – 248 006

FOREST RESEARCH INSTITUTE

(Indian Council of Forestry Research & Education) P.O. New Forest, Dehra Dun - 248 006

Phone: 0135-2224288, 4273; Fax: 0135-2756865 Website: http://fri.res.in Email: headec@icfre.org

Re-E-TENDER DOCUMENT

Tender No. : 39-02/2022-23/HOD/Engg. Cell/ Elect., dated 20-07-2022

Events	Important date/time	Venue
Published Date	20-07-2022 at 6.00 P.M.	Central Public Procurement
		Portal (CPPP)
Bid document download	20-07-2022 at 6.30 P.M.	Central Public Procurement
		Portal (CPPP)
Bid submission start date	20-07-2022 at 6.45 P.M.	Central Public Procurement
		Portal (CPPP)
Bid submission end date	28-07-2022 at 3.00 P. M	Central Public Procurement
		Portal (CPPP)
Opening date of technical	29-07-2022 at 3.00 P.M.	Central Public Procurement
bids		Portal (CPPP)
Opening date for	It will be decided after	Central Public Procurement
financial bids	technical evaluation	Portal (CPPP)

CONTENTS OF THE TENDER PAPER

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- 1. Chapter 1:- Re-e-Tender Notice (Page No. 3)
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HEAD ENGINEERING CELL FOREST RESEARCH INSTITUTE, P.O. NEW FOREST, DEHRADUN.

Chapter-I Notice Inviting Tenders

(National Competitive Bidding)

Forest Research Institute (Indian Council of Forestry Research & Education) Post- New Forest, Dehra Dun – 248006 Uttarakhand, India

Phone: 0135-2224288, 4273; Fax: 0135-2756865 Website: http://fri.res.in Email: headec@icfre.org

TENDER No. 39-02/2022-23/HOD/Engg. Cell./ Elect., dated 20-07-2022

BIDDING DOCUMENT

Online Tenders are invited from the reputed firms for the purchase of electrical items under Annual Rate Contract for the year 2022-23

Item	Name of Miscellaneous items	Division/ Branch	Quantity Required
No.			
1.	As per chapter -7 Formulary	Engineering Cell,	Annual Rate Contract
	of supply of electrical items.	Facilities &	for Electrical items for
		Services Division	the year 2022-23.

The details of the above items and other Terms and Conditions, etc. are available in the Tender Documents. The tender forms and specifications are available at web site http://www.fri.res.in and CPPP site https://eprocure.gov.in/eprocure/app

HEAD ENGINEERING CELL

Chapter -2: Check list Certificates/Documents required to be submitted in the Bid

The prospective bidders have to submit the following certificates/documents invariably along- with Bid. If these documents are not submitted conditions not met, the quotation shall be summarily rejected and no further correspondence, in this regard, shall be entertained.

Tender No. 39-02/2022-23/HOD/Engg. Cell/ Elect.,	Date: 20-07-2022
ENGINEERING CELL, FOREST RESEARCH INSTITUTE, DEHRA	ADUN
Name of the bidder:	
Address for Correspondence:	
Phone & Fax No.:	
Email Address:	

SL			
NO	Documents to be submitted	Document Enclosed YES/NO	If Yes, Mention The Page NO
1	Demand draft for Rs 590/-as Tender fee in favor of Director, FRI, Dehradun, payable at Dehradun (MSME firms are exempted for Tender Fee. Signed and scanned copy of proof for the same to be uploaded).		
2	The contractor can deposit original EMD of Rs. 30,000/- in favor of Director, FRI in the office of the Head Engineering Cell, Facilities & Services Division, FRI Dehradun within the period of bid submission. (The EMD document shall only be payable at Dehradun).(MSME firms are exempted for EMD. Signed and scanned copy of proof for the same to be uploaded).		
3	Self attested Photo copy of GST Certificate & GST of Bidder and their supplier (if any).		
4	Self attested Photo copy of PAN of Bidder and their supplier (if any).		
5	The proof that the bidder either Dehradun based or have Local authorized suppliers.		

Important Notice:

- 1. The bidder is required to arrange the tender documents as per Check List and must mention the page number against each column of the Check List.
- 2. All documents submitted online and physically must be numbered and signed by the bidder.
- 3. All documents submitted online and physically must be strictly in order as per check List

Special attention:

- 1 Before submission of online bids, bidder must ensure that scanned copies of all the necessary documents have been uploaded with the Bid and physically documents have been submitted.
- 2 Demand bank draft for **Rs 590/-** in favor of Director, FRI payable at Dehradun.
- The contractor can deposit original EMD of Rs. 30,000/- in favor of Director, FRI payable at Dehradun in the office of the Head Engineering Cell, Facilities & Services Division, FRI Dehradun within the period of bid submission.
- 4. The qualified bidder who have already submitted tender fee and EMD need not to Submit, it again physically. They should upload the scanned copy of the same with all documents and financial bid.

Chapter -3

Bid Undertaking

From: ((Full	name	and	address	of the	Bidder)

To,

Dear Sir/Madam,

I submit the price Bid for Rate Contract for supply of Electrical items for day to day maintenance of Residential & Non-Residential Building 2022-23, as envisaged in the Bid Document.

I have thoroughly examined and understood all the terms and conditions as contained in the Bid Document and agree to abide by them.

I offer to supply the electrical items quoted at the rates as indicated in the price bid up to 31-08-2023.

Yours Faithfully, Signature of authorized Representative

Chapter -4

TERMS & CONDITIONS FOR BIDDER

- 1. E-tender document shall be first downloaded from website. www.fri.res.in (for reference only) and CPPP site https://eprocure.gov.in/eprocure/app, as per above schedule and then tender document and related relevant documents attached as per Check list(Technical Bid) shall be duly filled in & signed and then properly scanned and finally uploaded by the bidder e-tendering procedure given in e-tender notice/document.
- 2. E-tender should be uploaded on the basis of two bid system, "Technical Bid" and "Financial Bid" in their respective format separately.
- 3. The bidder shall ensure that the e-tender is positively uploaded on website https://eprocure.gov.in/eprocure/app, on or before 28-07-2022 at 3:00 p.m. Forest Research Institute will not be responsible for any delay in uploading of tender due to failure of internet or any related fault. The date of opening of technical bid is 29-07-2022 at 3:00 p.m.
- 4. The bidder shall ensure that the Technical Bid documents as per Check List of Chapter-2 to submitted online on or before 28-07-2022 at 3:00PM.
- **5.** The e-tender document should be signed only by a person to whom the power is delegated by the competent authority and who is authorized in the name and on behalf of company/ firm to do so and become a party.
- **6.** In case, the date of opening of e-tender is declared a public holiday, the e-tender shall be opened on the next working day at the same time.
- 7. Financial Bid duly filled as per "BOQ" format separately on website https://eprocure.gov.in/eprocure/app, by the bidder. It should not be disclosed.
- **8.** GST tax shall be payable as per Govt. rules and Form-'16' (Road Permit) shall be issued by the department on written request of the manufacturer or their authorized supplier.
- 9. Conditional offer shall not be entertained.
- 10. GST Registration certificate should be available with the Bidder and supplier. Bidder and supplier shall also submit a certificate on the organization letter head stating that up-to-date returns have been filed there are no dues with the concerned department.
- 11. <u>Financial Bid should have as per BOQ & accordance in serial as per chapter -6 of tender document</u> and should mentioned_MRP, Store of Engineering & Ser. Division supply rates applicable to this Institute and the other taxes as applicable (this should clearly indicate the nature and the amount of the tax in terms of percentage).
- 12. The list of product should include contents/ingredients of the product is mandatory to submits online with Technical Bid.
- 13. The bidder must be having a supplier within the Dehradun City, Uttarakhand State, through which he will make the supply of electrical items to Store of Engineering & Services Division, FRI.
- 14. The rate must be quoted both in figures and words and over writing should be avoided however all cutting/corrections must be dully authenticated, in case of any difference between the rates quoted in figures and words, the rates quoted in words shall be considered to be correct

- 15. The rates quoted should include transportation cost up to Engineering Cell, FRI, Dehradun clearly mentioning the percentage/rate of GST or all other taxes and duties inclusive and rates should be valid up to 31-08-2023.
- **16.** After the rates quoted by the bidder are accepted and the contract is executed, Order/orders shall be placed under this contract to the authorized supplier.
- 17. The bidder will assure that the supply is carried out without a break for the entire period of the contract.
- 18. While uploading the financial bid, the bidder shall give an undertaking mention in Chapter 3 of tender document against which the rates are being given. In case, the bidder does not give this undertaking their rates will not be considered
- **19.** If the bidder has an authorized supplier of any item on behalf of the bidder, the certificate to this effect should be attached with all required documents as mentioned in Chapter-2.
- **20.** The Institute would place the order as per the quoted rates directly to the authorized Supplier if they have any for execution of supply order with in Uttarakhand state.
- 21. For every dispatch of materials under this agreement dispatch advice and invoice (in duplicate) will be sent by the supplier to the consignee(s) directly.
- 22. The firm will ensure availability of all materials at all time. The whole supply as per order shall have to be completed within the time mentioned in supply order. In case the firm fails to supply the ordered materials and other materials, the Institute shall have the right to accept or reject quantity or goods ordered and a penalty will be imposed which has to be decided on the merit of the complaint by the Competent Authority.
- 23. Supplier had to supply the Electrical items within 07 days of placing the order otherwise he will be declared defaulter and barred from subsequent rate contract.
- 24. Supplies out of any one lot not acceptable and rejected by the consignee because of being of inferior quality shall be replaced with the materials of proper and acceptable quality at his own cost and risk within 30 days of receipt of notice to that effect.
- 25. In case of the supplies made in any subsequent lot by the same supplier is also found to be sub standard & is rejected by the consignee, the supplier shall be shall be taken to black list for next 3 years & his security money lying with the department shall be forfeited.
- **26.** Payment will be made on receipt of material and after it has been checked with regard to quality and quantity of the material supplied on submission of pre receipted bill by the firm within 30 days.
- **27.** The quantity of building materials to be purchased may vary as per demand of the Engineering & Services Division at the time of placing order.
- 28. Only wanted documents as per check list are required to be attached in desired order of check list.
- **29.** The tender must have the index of all the documents enclosed for easy assessment of tender.
- **30.** To facilitate the processing of your quoted rates kindly furnish the required certificate as per the format given on Chapter-3 of tender document and in the order mentioned there in.
- **31.** The e-tender is liable to be ignored if complete information/certificates are no attached/uploaded therein. Please note that conditions given in the e-tender documents shall govern the contract. It may please be noted carefully that till such time that a fresh agreement is drawn up embodying the agreed conditions, the conditions given in the e-tender document shall govern the contract. The tendering firms should note this carefully.

- **32.** The Director Forest Research Institute, Dehradun reserves the right to Quash/Reject all or any of the tenders, or to split up the contract without assigning any reason and in suppression of any of the conditions given herein or after.
- **33.** No commitments to accept lowest or any tender: FOREST RESEARCH INSTITUTE shall be under no obligation to accept the lowest or any other quotation received in response to this tender enquiry and shall be entitled to reject any or all offers including those received late or incomplete offers without assigning any reason whatsoever.
- **34.** Tender which do not fulfill any or all of the above conditions or incomplete, are liable for rejection.
- **35.** The Forest Research Institute may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the bidder terminate the Contract in whole or part:
- (a) If the bidder fails to provide any or all of the services within the period(s) specified in the Contract
- (b) If the bidder fails to perform any obligation(s) under the Contract
- (c) If the bidder, in the judgment of the FRI has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- 36. The bidder shall indemnify the Institute against all actions, suits, claims and demands brought or made against it in respect of anything done or committed to be done by the bidder in execution of or in connection with the work of this contract and against any loss or damage to the Institution in consequence to any action or suit being brought against the bidder for anything done or committed to be done in the execution of this contract. The bidder will abide by the job, safety measures prevalent in India and will free the Institution from all demands or responsibilities arising from accidents or loss of life, the cause of which is the bidder's negligence. The bidder will pay all indemnities arising from such incidents without any extra cost to Institution and will not hold the Institution responsible or obligated. FRI may at its discretion and entirely at the cost of the bidder defend such suit, either jointly with the bidder or single in the case the latter chooses not to defend the case.
- **37.** Resolution of Disputes: All disagreements, disputes, difference that may arise between the FRI and the Bidder/Supplier which cannot be resolved through mutual negotiations shall be referred to an Arbitrator appointed in accordance with the provisions of relevant Indian Law. The venue of the proceedings and arbitration shall be Dehradun.
- 38. Dispute, if any, will be under jurisdiction of Dehradun court, Uttarakhand, India.

Chapter-5 Guidelines & Instruction to Bidders

Bids shall be submitted online only at CPPP website: https://eprocure.gov.in/eprocure/app. Bidder are advised to follow the instructions provided in the "Instructions to the Bidder for the esubmission of the bids online through the Central Public procurement Portal for e-Procurement at https://eprocure.gov.in/eprocure/app

Not more than one tender shall be submitted by one bidder having business relationship. Under no circumstance will father and his sons(s) or other close relations who have business relationship with one another (i.e when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach or this condition will render the tenders of both parities liable to rejection.

Bidder who has downloaded the tender from the http://www.fri.res.in and Central Public procurement Portal (CPPP) website https://eprocure.gov.in/eprocure/app, shall not temper/modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and bidder is liable to be banned from doing business with FRI.

Intending bidders are advised to visit FRI website http://www.fri.res.in and CPPP website https://eprocure.gov.in/eprocure/app regularly for any corrigendum / addendum / amendment.

Bids will be opened as per date/time as mentioned in the Tender Critical Date Sheet.

Submission of Tender

Online bids are to be submitted under two bid systems i.e. Cover 1 and Cover 2. All the pages of bid being submitted online must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

The offers submitted by Fax/email/offline shall not be considered. No correspondence will be entertained in this matter.

Cover 1: Technical Bid

Qualifying documents should be uploaded in CPPP website: https://eprocure.gov.in/eprocure/app). The mention in Chapter-1 of tender documents are to be furnished by the Bidder, as qualifying bid, as signed and scanned copy in pdf format upload in CPP portal.

1. Tender fee:-The tender form downloaded from above web sites must include Rs.590/-(including 18% GST) by crossed Demand Draft in favor of Director, Forest Research Institute, Dehradun payable at Dehradun as tender fee along with the tenders physically submitted and the scanned copy of the same should be uploaded in the CPP Portal. It is non-refundable. The hard copy of the same must be received on or before last date/ time of opening of bid.

In absence of scanned and signed copy of required qualifying documents the tender would be considered as invalid.

Cover 2: Price Bid

- (a) The financial proposal must be submitted in the Schedule of price bid in the form of BoQ1.xls separate for each item. Full details of business terms and conditions, if any, the validity period of quotation or any other information relevant to the services may please be indicated clearly.
- (b) Price bid undertaking

Proposal Evaluation: A two-stage procedure will be adopted in evaluating the proposals.

- (i) Checking of qualifying documents. First of all, the qualifying documents will be checked. If absence of any of qualifying documents, the bid will be rejected.
- (ii) A financial evaluation. On the bases of lowest one (L-1)

Instructions for Bidders: -

- (a) The rates quoted in BoQ only will be considered and in no case any other rates shall be entertained.
- (b) Bidders are advised to study the tender document carefully. Submission of bids shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.
- (c) Any clarifications from FRI or any changes in requirement, will be posted on CPP portal and FRI website. Hence before submitting the bids, bidders must ensure that such clarifications/changes have been considered by them. FRI will not have any responsibility in case some omission is done by any bidders.

NOTE FRI shall not be responsible for non-receipt/non-delivery/late delivery of the bid documents due to any reason whatsoever.

Chapter -6

Schedule of price bid in the form of BoQ1.xls

The below mentioned Financial Proposal/Commercial bid format is provided as BoQ_1.xls along with this tender document at https://eprocure.gov.in/epublish/app. Bidders are advised to download at this BoQ_1.xls as it is and quote their offer/rates in the permitted column and upload the same in the commercial bid. Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and tenderer is liable to be banned from doing business with Forest Research Institute.

Sl No (as	Generic Name	Name of	Name	Unit/each	MRP (Rs)	Unit Price
per	of Electrical	Electrical	of			(Rs.)
chapter-7)	items (as per	items	Bidder			Prices
	chapter-7 under					should be
	Nomenclature)					quoted in
	Í					BoQ

- 1. The rates will be inclusive of GST and all other taxes.
- 2. In case of any discrepancy/difference in the amounts indicated in figures and words the amount in words will prevail and will be considered.
- 3. The quoted rates shall remain firm throughout the tenure of the contract and no revision is permissible for any reason.

Authorized Signatory (Signature of the Authorized Person)

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Chapter-7

FORMULARY OF ELECTRICAL ITEMS FOR THE YEAR 2022-23

Sl. No	Description of item	Make	Qty (No)	Rate (in Rs.) Including GST	Amount (In Rs)
1.	Switch 05 Amp Piano type 230 volts	Anchor/Cona	1		
2.	Switch 15 Amp Piano type 230 volts	Anchor/Cona	1		
3.	Socket 05 Amp Piano type 230 volt multi	Anchor/Cona	1		
4.	Socket 15 Amp Piano type 230 volt multi	Anchor/Cona	1		
5.	Switch 2 way 05 Amp Piano type	Anchor/Cona	1		
6.	Switch Modular 20 Amp	Anchor/Cona	1		
7.	Socket Modular 20 Amp	Anchor/Cona	1		
8.	Electronic Regulator Modular for ceiling fan sweep 1200 mm socket type	Anchor/Cona	1		
9.	Pendent Holder Bakelite (Black Body)	Kinjal/Cona	1		
10.	Batten Holder Bakelite	Anchor/Cona	1		
11.	Side Holder for FTL fittings	cona	1		
12.	Bell Push Switch Piano type 230 volt	Anchor/Cona	1		
13.	Condenser 2.50 MFD 440 VAC 50 Hz. ISO 9001-2000	Konark	1		
14.	Bulb 100 watt clear rated lumens 1340, 230 volts	Bajaj/ Surya	1		
15.	Tube light 36/40 watt 230 volts	Crompton/ Bajaj	1		
16.	Starter 20/40 Watt for FTL fitting	Crompton/ Surya	1		
17.	CFL tube 2 pin 9/11 watt for ceiling fitting 220-240 volt.	Crompton	1		
18.	Electric Buzzer 240 volt code: 8374	Anchor/ Cona	1		
19.	Electric Bell Ding Dong 240 volt	Anchor/ Cona	1		
20.	PVC Insulation Tape 1.80 x 9 meter x 0.125 mm. ISI mark	Steel Grip/Cona	1		
21.	Plug Top 5 Amps.3 Pin unbreakable.	Anchor /Cona	1		
22.	Plug Top15 Amps.3Pin unbreakable.	Anchor /Cona	1		
23.	LED Lamp 5 Watt.	Crompton/ Surya	1		
24.	LED Lamp 9 Watt.	Crompton/ Surya	1		
25.	LED Lamp 12 Watt.	Crompton/ Surya	1		
26.	LED Lamp 15 Watt	Crompton/ Surya	1		
27.	PVC Insulated Copper Conductor Cable 04 sq mm.1100 volts single core, multi- strand.	Polycab/Finolex	1 coil		
28.	PVC Insulated Copper Conductor Cable 2.5 sq mm.1100 volts single core	Polycab/Finolex	1 coil		
29.	PVC Insulated Copper Conductor Cable 1.5 sq mm.1100 volts single core	Polycab/Finolex	1 coil		
30.	PVC Insulated Aluminum Conductor Cable 1.5 sq mm.1100 volts single core	Kinjal	1 coil		
31.	Flexible wire twisted Copper conductor size 40/76 PVC insulated	Rajdhani	1 coil		
32.	Electronic Regulator for ceiling fan sweep 1200 mm socket type	Anchor /Cona	1		

33.	LED Street Light fitting 25 watt	Crompton/Surya	1 1	
34.	LED Street Light fitting 45 watt	Crompton/Surya	1	
35.	LED Street Light fitting 72 watt	Crompton/Surya	1	
36.	LED Street Light fitting 90 watt	Crompton/Surya	1	
37.	LED Flood Light fitting 50 watt.	Crompton/Surya	1	
38.	LED Flood Light fitting 100 watt	Crompton/Surya	1	
39.	LED fitting Coral LED Post Top 35 Watt -5700K	Havells	1	
	1			
40.	HPSV Lamp 70 Watt, 230 Volt-E Rated Lumens-5600	Crompton/Surya	1	
41.	HPSV Lamp 150 watt-E 230 volt	Crompton/Surya	1	
42.	HPSV Igniter IGN 2K Watt, 200-250 Volt 70/150/250/400 Watt	Crompton/Surya	1	
43.	HPSV Lamp 400 watt-E 230 volt	Bajaj/ Crompton	1	
44.	Choke 70 Watt Poly-Copper Ballast for HPSV Lamp	Bajaj//Surya	1	
45.	Choke 150 Watt Poly-Copper Ballast for HPSV Lamp	Bajaj//Surya	1	
46.	Choke 40 Watt Poly-Copper Ballast 230 volts	Bajaj/ Crompton	1	
47.	Choke 40 Watt 230 volts - Electronic	Bajaj/ Surya	1	
48.	Choke 400 Watt Poly-Copper Ballast for HPSV / MH Lamp	Bajaj/ Crompton	1	
49.	MCB 6 to 32 Amp SP 240/415 volt, 50 HZ 10 KA	Legrand	1	
50.	MCB Isolator 40 Amp DP 240/415 volt 50 Hz	Legrand	1	
51.	MCB Isolator 63 Amp Four Pole 240/415 volt 50 Hz	Legrand	1	
52.	MCCB 125 Amp 3Pole cat No.625355 Icu 36 KA	Legrand	1	
53.	MCCB 125Amp3P+N/2 Cat No.625357 Icu36 KA	Legrand	1	
54.	MCCB 200Amp 3Pole Cat No.025230 Icu36KA	Legrand	1	
55.	MCCB 250 Amp 3Pole Cat No.420209 25 KA	Legrand	1	
56.	MCCB 400 Amp 3Pole Cat No.422002 36 KA	Legrand	1	
57.	MCCB 630 Amp 3Pole Cat No.422004 36 KA	Legrand	1	
58.	Geyser element 2000 watts 230 volts	Dass Pass/Theta	1	
			_	
59.	Thermostat for Geyser 0 to 90°C	ISI Mark	1	
60.	Tube light fitting LED 25 Watt	Surya/Bajaj	1	
61.	Service cable size 2x4 sq mm PVC covered 1100 volt Aluminum conductor	Rajdhani	1coil	
62.	Service cable size 2x6 sq mm PVC covered 1100 volt Aluminum conductor	Rajdhani	1coil	
63.	Service cable size 2x10 sq mm PVC covered 1100 volt Aluminum conductor	Rajdhani	1coil	
64.	Service cable size 2x16 sq mm PVC covered 1100 volt Aluminum conductor	Rajdhani	1coil	
65.	Power Contactor 3 pole 220 volt ML-4 type 50 HZ 70 Amp cat No. SS90910	L & T	1	
66.	Power Contactor 3 pole 440 volt ML-4 type 50 HZ 70 Amp	L & T	1	
67.	Time Switch FM/1 Quarts type 240 Volt 50/60 HZ Daily code No. J648B1	L & T	1	
68.	Fuse Kit Kat Porcelain 63 Amp	Havells	1	
69.	Fuse Kit Kat Porcelain 100Amp	Havells	1	
70.	Fuse Kit Kat Porcelain 200Amp	Havells	1	
71.	Capacitor 45 MFD	Epcos/Rascon	1	

72.	Capacitor 80/100 MFD	Epcos/Rascon	1	
73.	Capacitor 50 MFD	Epcos/Rascon	1	
74.	Capacitor 36 MFD	Epcos/Rascon	1	
75.	Gang Box 05 Amp (Good Quality)	Toper	1	
76.	Gang Box 15 Amp(Good Quality)	Toper	1	
77.	PVC Armored underground cable confirming to IS 1554	Havells/ Polycab	Per	
	size 2 x 10 sq mm		Mtr	
78.	PVC Armored underground cable confirming to IS 1554	Havells/ Polycab	Per	
	size 2 x 16 sq mm		Mtr	
79.	PVC Armored underground cable confirming to IS 1554	Havells/ Polycab	Per	
	size 3.5x25sq mm		Mtr	
80.	PVC Armored underground cable confirming to IS 1554	Havells/ Polycab	Per	
	size 3.5x35sq mm		Mtr	
81.	PVC Armored underground cable confirming to IS 1554	Havells/ Polycab	Per	
	size 3.5x50sq mm		Mtr	
82.	PVC Armored underground cable confirming to IS 1554	Havells/ Polycab	Per	
	size 3.5x70sq mm		Mtr	
83.	PVC Armored underground cable confirming to IS1554	Havells/ Polycab	Per	
	size 3.5x95 sq mm		Mtr	
84.	PVC Armored underground cable confirming to IS1554	Havells/ Polycab	Per	
	size3.5x150sq mm		Mtr	
0.5	DVG to the total of the total o	TT 11 / D 1 1	-	
85.	PVC Armored underground cable confirming to IS1554	Havells/ Polycab	Per	
	size3.5x400sq mm		Mtr	
86.	PVC Armored underground cable confirming to IS1554	Havells/ Polycab	Per	
	size 4x16 sq mm		Mtr/	
	1			
87.	Retrofit 18 Watt LED fitting Make	Havells/Surya	Nos	