



VARDHMAN MAHAVEER OPEN UNIVERSITY, KOTA

Rawathbhata Road, Kota -324021

(Finance Office)

DETAILED TENDER NOTICE

“ARC FOR ELECTRICAL MAINTENANCE WORK IN UNIVERSITY CAMPUS”

(NIB No. 16 / 2024–25)

E tenders are invited from firms/ agencies/ contractors having valid registration in State Govt./ Central Govt./ Autonomous bodies under Electrical works category (Minimum “ E - EWSD- III ” class as per PWF&AR or equivalent) for the work as follows :

| Name of work | Estimated Cost | Earnest money Rs. | Tender Form fees Rs. | Processing fees Rs. | Date of Availability of tender | Last Date of receiving of Demand Drafts | Eligibility bid opening Date | Contract Period |
|---|----------------|-------------------|----------------------|---------------------|---|---|------------------------------|-----------------|
| ARC for Electrical maintenance work in University campus | 19.87 Lacs | 39740/- | 1000/- | 500/- | 02/09/2024 1.00 pm to 11/09/2024 up to 5 pm | 12/09/2024 up to 12.30 PM | 12/09/2024 at 2:00 pm | 12 Months |

The detailed information for **ARC for Electrical maintenance work in University campus** has been given in the tender document which may either be downloaded from <http://www.eproc.rajasthan.gov.in> , www.sppp.rajasthan.gov.in or University website www.vmou.ac.in. Bidder can participate in the Tendering Process only Online using <http://www.eproc.rajasthan.gov.in> Website. Bidders should have a valid DSC before bidding.

Demand Draft for Earnest money & Tender Form fee will be in favour of “VardhmanMahaveer Open University” Payable at Kota.

Demand Draft for Processing Fee will be in favour of “MD, RISL” Payable at Jaipur.

All Demand Drafts should Reach to O.I.C. (Estate), VardhmanMahaveer Open University, Administrative Building, Room No. 3, Rawatbhata Road, Kota-324021 sealed in an envelope titled “**Annual rate contract for Electrical maintenance work in University campus**” by 12/09/2024 up to 12:30 PM. failing which bid shall not be considered. Corrigendum if any, will be published on these websites only.

O.I.C
(Estate)



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ARCfor Electrical Maintenance work in University Campus

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|------------------------------------|---|--------------------------------------|
| अनुमानित लागत | : | रु0 19.87 लाख |
| धरोहर राशि | : | रु0 39,740 /— |
| निविदा प्रपत्र शुल्क | : | रु0 1000 /— |
| प्रोसेसिंग फीस | : | रु0 500 /— |
| निविदा डाउनलोड/अपलोड की तिथि | : | 02/09/24 से 11/09/24 सॉय 5.00 बजे तक |
| डी.डी. प्रस्तुत करने की तिथि व समय | : | 12/09/2024 दोपहर 12.30 बजे तक |
| पात्रता विड खोलने की तिथि व समय | : | 12/09/2024 को दोपहर 2.00 बजे |

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General Terms & Conditions

1. The quoted rates are valid for the one year w.e.f the date of work order. Contract period may be extended on mutual consent as per RTPP.
2. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders to the site, the accommodation they may require, working conditions including space for stacking of material. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
3. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the works to be done and of conditions.
4. All rates shall be quoted online in Financial Bid (BOQ).
5. Financial bid of only those firms will be opened who will qualify in eligibility bid.
6. Unbalanced Bid प्राप्त होने पर सफल निविदादाता को राजस्थान लोक उपापन में पारदर्शिता नियम 2013 के नियम संख्या 75-A के अनुसार कार्यादेश जारी होने से पूर्व नियमानुसार Additional Performance Security जमा करवानी होगी।
7. In the case of item rate tender only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected.
8. In the case of percentage rate only percentage above/below shall be quoted. Any item rate shall be rejected.
9. The persons so provided by the agency under this contract will not be the employee of the University and there will be no employer – employee relationship between the University and the person so engaged by the contractor in the aforesaid services.
10. Any damage due to mishandling of the installation, recovery shall be made from the contractors bill/Security Diposit.
11. The AMC can be terminated without assigning any reason thereof.
12. The contractor must intimate the addresses of his office and residence along with land and mobile phone numbers.
13. The contractor will have to make the regular payment to the workers engaged for the AMC works. In case of any complaint for non-payment of wages to the workers the authority has the sole rights to withhold the bill of the contractor until finalization.
14. For any accident/miss-happening at site with the workers engaged for the AMC will be the liability of the contractor.
15. In case of absence of any highly skilled or semi-skilled workers in any shift, recovery as per prevailing wages rate per person per shift will be made from the contractor bill.
16. The contractor must have valid electrical license and other G.S.T. registration etc. as per the rule.
17. The services provided should be disciplined in the premises of the University.
18. The services should be of adequate literary knowledge to cope up with the smooth operation of work.
19. The contractor shall not sublet the work.
20. Income Tax & other deductions will be deducted from the payments due for the work done as per rule.
21. The University reserves the right to discontinue the service at any time, if the services are found unsatisfactory by giving a show-cause to be replied within a week and also has the right to award the contract to any other agency at the risk and cost of current agency and excess expenditure incurred on account of this can be recovered from Security deposit or pending bills or by rising a separate claim.

Special Terms & Conditions

1. All day to day Electrical maintenance and repairing work in University Campus shall be carried out as per schedule.
2. This contract being percentage rate contract & item rate contract. The amount of work done may extend to any limit and contractor shall carry out the work at the rate quoted by him during the period of operations of contract and nothing extra over and above the quoted rates shall be payable to him. Sub-orders of Part-A & Part-B will be issued time to time as per the requirements of the University.
3. The contractor shall use materials of approved make as per PWD Electrical BSR specifications only of group 1. For materials not covered in the said list. Approval shall be obtained from the Engineer-in-charge.
4. All day to day maintenance complaints shall be attended by the Contractor in totality to the entire satisfaction of the complaint and Engineer-in-Charge or his authorized representative within two days of their registration. However for any emergency work, day to day, operational or providing proper service as be attended immediately without loss of time. The decision of the E.I.C. or his authorized representative shall be final and binding to the contractor.
5. All breakdowns / flashovers are to be attended and made functional immediately.
6. In case of any breakdown in under ground cables the fault has to be detected immediately and made it functional after necessary repair.
7. All the T&P and labour / technical input required to perform in time will be provided by the firm.
8. All sundry materials like PVC insulation tape, H.T. tape, paper insulation, adhesive etc. will be provided by the contractor/firm free of cost.
9. In case the workers engaged for AMC are not delivering the satisfactory performance, the contractor will have to replace him/them immediately; otherwise such persons will not be allowed to enter in our premises and will be treated as absent and shall be made as per agreement clause.
10. All complicated nature of complaints as so certified by the Engineer-in-Charge or his authorized representative shall be attended in totality to the entire satisfaction of the complaint.
11. The contractor shall see the register every day and sign the same as a token of having received the complaint.
12. All tools and tackles and general consumables required work will be arranged by the contractor at his own cost. Any loss or damage will be the contractor's responsibility.
13. Job completed should be in line with satisfaction of Engineer-in-charge.

14. The contractor will have to collect report of miscellaneous Electrical works from Electrical Maintenance office on all working days. Job written on complains register must be attended within a day.
15. The contractor should be ready to attend the system break-down and complaints of no light on as and when required basis.
16. The contractor and his Supervisor must have mobiles phone so that they can be contacted at any time on break-down.
17. On emergency the assigned jobs must have to be done on the same day.
18. You must have to maintain one work register which should be signed by the engineer-in-charge in every fortnight.
19. If the contractor's performance is not found satisfactory, the contract may be terminated any time.
20. Sufficient safety measures shall have to be followed by the contractor and the contractor's workers during the execution of work. The University will not take any responsibility to any worker of the contractor's establishment of other person for any loss or otherwise.
21. One unfurnished covered space will be provided to the contractor for store purpose at free of cost (if required) through out the contract period.
22. The contractor shall keep a complaint register and it shall be open to verification by the authorized officer of University for the purpose. All complaints should be immediately attended to by the Agency.
23. They should not leave their points unless and until the reliever comes for shift duties, supervisor will maintain all the registers, which are kept at concerned Section.
24. The contractor shall have to maintain adequate man power (skilled) through out the period of contract of scope of work. Engagement of manpower on occasional requirement (major break down/fault/Maintenance) at morning and night shall be within the scope of contract. The contractor shall ensure availability of adequate manpower with requisite skill to take up the job under above scope promptly and complete them in optimum time; the contractor can be called during off hours at night, on Sunday and holiday to carry out work on emergency basis.
25. Line man/wire man should have adequate experience for such type of electrical jobs to be ensured by the contractor.
26. All old/damage/defective/unserviceable material should be returned to store with proper documentation.
27. The contractor shall maintain area of work neat clean during execution of the job. Proper cleaning of the job site shall have to be ensured after completion of the job.
28. Payment of the items will be made on actual basis following the requirements mentioned against each item of schedule of work.

29. The contractor or his workers shall not misuse the premises allotted to them for any purpose other than for which the contract is awarded.
30. Any stationery items like register, scales, writing pad, pencils, stapler etc. Will not be provided by the University.
31. To make proper co-ordination Company/Agency authorities will visit the University campus minimum once in a month, so that discrepancies/irregularities related to matters may be directly conveyed to the Agency.
32. The University will not be responsible either to the Contractor or to its workers deployed at this Institute for any medical assistance/injuries/death or any kind of loss occurred.
33. The Contractor will follow minimum wages provision as per govt. norms.
34. **Schedule-G (Part-A), Schedule-H (Part-B) & Part-C**
35. Quoted rates should be inclusive of all Taxes & Expenses.
36. प्रथम अपील अधिकारी माननीय कुलपति महोदय एवं द्वितीय अपील अधिकारी अतिरिक्त मुख्य सचिव, उच्च शिक्षा होंगे।
37. निविदा प्रस्तुत करने की अन्तिम तिथि एवं समय से पूर्व निविदा एवं निविदा किसी भी भाग या निविदा की शर्तों पर आपत्ति होने की दशा में आपत्ति मय औचित्य के प्रभारी अधिकारी, सम्पदा प्रकोष्ठ, वर्धमान महावीर खुला विश्वविद्यालय, कोटा को लिखित में प्रस्तुत करें जिसमें RTPP नियम 47 के अन्तर्गत कार्यवाही की जा सके।
38. All other Terms & Condition are as per RTPP Rules' 2013 , P.W.F & A.R & as per G.F. & A.R.

O.I.C (Estate)

I have read above General & special Terms & Conditions and agreed to abide by those.

Signature of Contractor

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(NIB No. 16/2024-25)

1. **dk; l dk uke % ARC for Electrical maintenance work in University campus**
2. **Qeł dk uke %**
3. (अ) पूर्ण पता :
- (ब) दूरभाष एवं मोबाईल नम्बर :
4. **Proprietor का नाम :**
5. **फर्म के रजिस्ट्रेशन एवं लाइसेंस की प्रति :**
- (निविदा के साथ संलग्न/अपलोड करें)
6. **पैन नम्बर (प्रति संलग्न/अपलोड) करें :**
7. **निविदा प्रपत्र राशि का विवरण : बैंक का नाम.....**
डी0डी0 सं.....राशि रू0 1000 /-दिनांक
8. **प्रोसेसिंग फीस का विवरण : बैंक का नाम**
डी0डी0 सं. राशि रू0 500 /-दिनांक
9. **धरोहर राशि का विवरण : बैंक का नाम**
डी0डी0 सं.....राशि रू0 39,740 /- दिनांक
10. **अन्य विवरण :**

नोट :-

1. निविदा शुल्क एवं प्रक्रिया शुल्क नहीं लौटाया जावेगा।
2. पात्रता विड में निम्न दस्तावेजों को upload किया जाना सुनिश्चित करें।
- (a) फर्म के रजिस्ट्रेशन की प्रति (State Govt./ Central Govt./ Autonomous bodies under Electrical works category (Minimum " E-EWSD- III "class)
- (b) फर्म के इलैक्ट्रिकल लाइसेंस की प्रति।
- (c) पेन कार्ड की प्रति।
- (d) जी.एस.टी. पंजीयन की प्रति।
- (e) समस्त डिमाण्ड ड्राफ्ट की प्रति।
- (f) निविदा में दी गई General Terms and Conditions एवं Special Terms & Conditions पर सहमति बाबत हस्ताक्षर युक्त प्रति।
- (g) Annexure A,B,C&D की हस्ताक्षर युक्त प्रति।

स्थान :-

दिनांक :-

हस्ताक्षर निविदादाता :-

नाम :-

Part-A (G-Schedule)

| S. No. | BSR Item No. | Description | Unit | Qty | Rate | Amount |
|--------|--------------|---|----------|-------|--------|-----------|
| 1 | 3.1 | Wiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) on surface ISI marked (IS:14927 P - II) virgin material UPVC trunking & it's accessories, Hot Dipped Galvanized Modular box of 1.2 mm thick with earth terminal/ Surface Moulded virgin material UPVC Modular Box , 10 A Modular switch,Modular face plate with grid plate, 3 pin ceiling rose/holder /3 way Connector, screws, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 3.1.1 | Short point (up to 3 mtr.) | P. point | 20 | 361.00 | 7,220.00 |
| | 3.1.2 | Medium point (up to 6 mtr.) | P. point | 20 | 584.00 | 11,680.00 |
| | 3.1.3 | Long point (up to 10 mtr.) | P. point | 20 | 814.00 | 16,280.00 |
| 2 | 3.3 | Wiring of 3/5 pin 6 amp. Light plug point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) on surface ISI marked (IS:14927 P - II) virgin material UPVC Trunking & it's accessories, Hot Dipped Galvanized Modular box of 1.2 mm thick with earth terminal/ Surface Moulded virgin material UPVC Modular Box, modular 10A switch, 3/5 pin 6 A modular socket, Modular face plate with grid plate, screws, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 3.3.1 | On board | P. point | 10 | 389.00 | 3,890.00 |
| | 3.3.2 | Short point (up to 3 mtr.) | P. point | 10 | 509.00 | 5,090.00 |
| | 3.3.3 | Medium point (up to 6 mtr.) | P. point | 10 | 732.00 | 7,320.00 |
| | 3.3.4 | Long point (up to 10 mtr.) | P. point | 10 | 929.00 | 9,290.00 |
| 3 | 3.4 | S&F following sizes of ISI marked (IS:14927 P - II) virgin material UPVC trunking along with accessories like coupler, inner, outer, elbow, square box, tee, end cap etc. on surface with screws, expansion fasteners as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 3.4.1 | 20 mm x 12 mm | R. mtr. | 10.00 | 41.00 | 410.00 |
| | 3.4.2 | 25 mm x 12 mm | R. mtr. | 10.00 | 50.00 | 500.00 |
| | 3.4.3 | 32 mm x 12 mm | R. mtr. | 10.00 | 64.00 | 640.00 |
| 4 | 4.1 | Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130 : 2013 of 1.1 kV grade . Wire should be made from 99.90 % purity copper, class 5 stranding in acc. to IS:8130/IEC 60228 for lower watt loss , oxygen free for less chances of oxidization, insulation PVC type A/C/D , flame retardant as per IS 10810-53, better amperage rating as per IS:3961 part 5, in existing surface or recessed PVC/ MS conduit/casing capping making connections with Copper Lugs of suitable size, Ferrules,testing etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 4.1.1 | 1 x 1.5 sq.mm | Mtr. | 5 | 22.00 | 110.00 |
| | 4.1.2 | 2 x 1.5 sq.mm | Mtr. | 5 | 43.00 | 215.00 |
| | 4.1.3 | 3x 1.5 sq.mm | Mtr. | 5 | 63.00 | 315.00 |

| | | | | | | |
|---|----------|--|------|----|--------|-----------|
| | 4.1.5 | 1 x 2.5 sq.mm | Mtr. | 5 | 31.00 | 155.00 |
| | 4.1.6 | 2 x 2.5 sq.mm | Mtr. | 5 | 61.00 | 305.00 |
| | 4.1.10 | 1 x 4.0 sq.mm | Mtr. | 5 | 48.00 | 240.00 |
| | 4.1.11 | 2 x 4.0 sq.mm | Mtr. | 5 | 93.00 | 465.00 |
| | 4.1.12 | 3 x 4 sq. mm. | Mtr. | 5 | 137.00 | 685.00 |
| | 4.1.15 | 1 x 6.0 sq.mm | Mtr. | 5 | 71.00 | 355.00 |
| 5 | 6.1 | Providing & Fixing of 240/415 V AC MCB with positive isolation of 10 kA breaking capacity (B/ C/D tripping characteristic as per type of load and site requirement) 4 KV impulse withstand voltage, ISI marked IS 8828(1996) / conforming to IEC 60898-1 2002, IEC 60947-2, low watt losses, trip free mechanism , energy limiting of class 3 as per IEC, minimum phase termination capacity of 35sq.mm. , conductor line load reversibility , IP 20 contact protection and fitted in existing distribution board/sheets, minimum electrical operation 20,000 upto 20 A rating and 10,000 upto 63 A, 5000 for 80 A & above rating including making connections, testing etc. as required. OEM shall have submit NABL / CPRI / ERDA accredited lab type test reports & All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 6.1.1 | Single pole MCB (With B/C curve tripping Characteristics) | | | | |
| | 6.1.1.2 | 6 A to 32 A rating | Each | 5 | 187.0 | 935.00 |
| | 6.1.2 | Double pole MCB(With B/C curve tripping Characteristics) | | | | |
| | 6.1.2.2 | 6 A to 32 A rating | Each | 50 | 566.0 | 28,300.00 |
| 6 | 6.2 | Providing & Fixing of 240/415 V isolator ISI marked IS:13947-III/conforming to IEC 60947-3, suitable for AC22A utilization category, 4KV impulse withstand voltage, true contact indication, Red colour dolly / lever shall have single mould covering over all poles for operation , two position din rail mounting, minimum phase termination capacity of 35sq.mm. IP 20 contact protection and fitted in existing distribution board / sheet including making connections, testing etc. as required. OEM shall have submit NABL / CPRI / ERDA accredited lab type test reports & All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 6.2.1 | Double pole isolator | | | | |
| | 6.2.1.2 | 63 A rating | Each | 5 | 453.0 | 2,265.00 |
| | 6.2.3 | Four pole Isolator | | | | |
| | 6.2.3.1 | 40 A rating | Each | 5 | 780.0 | 3,900.00 |
| | 6.2.3.3 | 80 A/ 100 A rating | Each | 5 | 957.0 | 4,785.00 |
| 7 | 6.10 | Providing & Fixing of Recessed/surface mounting heavy duty horizontal type Double Door (Metal / Glazed)Distribution board with Metal end box made out from Galvanized steel / CRCA sheet not less than 1.2 mm thick conforming to IS-8623-1 & 3 / IEC 61439- 1 & 3, powder painted complete with reversible door (for double door DB only)100 amp. insulated copper bus bar/shorting link , copper neutral link, copper earth link , color coded interconnecting wire set of suitable rating and din bar,masking sheet, making internal DB terminations with copper lugs, Ferrules, detachable gland plate, including making connections, testing etc. as required. OEM shall have submit NABL / CPRI / ERDA accredited lab type test reports & All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 6.10.1 | Metal door (single phase) IK-09 and IP-43 with Metal end box | | | | |
| | 6.10.1.1 | 4 Way (4+2) | Each | 2 | 1795.0 | 3,590.00 |
| | 6.10.1.3 | 8 Way (8+2) | Each | 2 | 2184.0 | 4,368.00 |

| | | | | | | |
|----|----------|---|------|----|--------|-----------|
| 8 | 6.15 | Providing & Fixing of Recessed/surface mounting heavy duty Vertical TPN Distribution board with Metal end box with provision of incomer suitable for MCB / RCCB and SP / TP MCB as outgoing ,made out from Galvanized steel / CRCA sheet not less then 1.2 mm thick conforming to IS-8623-1 & 3 / IEC 61439- 1 & 3. powder painted with reversible door (for double door DB only) complete with insulated 100 A rating copper bus bar, neutral bars with shrouds, earth bar , color coded interconnecting wire set of suitable rating and din bar,masking sheet, making internal DB terminations with copper lugs, ferrules, detachable gland plate, including making connections, testing etc. as required. OEM shall have submit NABL / CPRI / ERDA accredited lab type test reports & All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 6.15.1 | Double door IK-09 & IP-43 with Metal end box | | | | |
| | 6.15.1.2 | 6 Way(8+18) | Each | 2 | 9425.0 | 18,850.00 |
| 9 | 7.1 | P & F ISI marked (IS:3854) 6 amp. flush type non modular switch with CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material including cutting hole in tile and making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Each | 25 | 23.0 | 575.00 |
| 10 | 7.4 | Providing & Fixing of 16 amp. Combined flush type non modular socket and switch set with indicator and fuse set as per PWD specification for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material including cutting hole in tile and making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Each | 5 | 180.0 | 900.00 |
| 11 | 7.8 | Providing & Fixing of ISI marked (IS :3854) twin control non modular 6A switch flush type as per PWD specification for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, including cutting hole in tile and making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Each | 25 | 30.0 | 750.00 |
| 12 | 7.10 | Providing & Fixing of of 3/5 pin 6 amp. flush type non modular socket made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal with Porcelain based back cover & captive screws including cutting hole in tile and making connection testing etc. as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Each | 25 | 33.0 | 825.00 |
| 13 | 7.12 | Providing & Fixing of ISI marked (IS:371) 6 amp surface type 3 pin ceiling rose with CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal & captive screws including making connection testing etc. as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Each | 5 | 30.0 | 150.00 |
| 14 | 7.13 | Providing & Fixing of ISI marked (IS:1258) batten/angle lamp holder with CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal & captive screws including making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Each | 5 | 30.0 | 150.00 |
| 15 | 7.20 | Providing & Fixing of IS 11037:1984 marked non modular socket size flush type 120 watt rotary minimum 5 step fan regulator with CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material including making connection testing etc. as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Each | 5 | 199.0 | 995.00 |

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|----|--------|--|------|----|-------|----------|
| 16 | 7.27 | Providing & Fixing of modular type switch/ bell push duly ISI marked (IS :3854) with CM/L no. printed and made out of unbreakable and fire retardant virgin UV Stabilized Polycarbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating ,minimum width of switch toggle(PUSH PART) should not less than 20mm, including all as per pre approved by Engineer in charge,making connections, testing etc. as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 7.27.1 | 10 A one way switch | Each | 10 | 55.0 | 550.00 |
| | 7.27.2 | 10 A two way switch | Each | 10 | 79.0 | 790.00 |
| | 7.27.3 | 10 A bell push | Each | 10 | 110.0 | 1,100.00 |
| | 7.27.4 | 16 A one way switch With Led Indicator | Each | 10 | 113.0 | 1,130.00 |
| 17 | 7.28 | Providing & Fixing of modular type lockable feature socket duly made out of unbreakable and fire retardant virgin poly carbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating , including all as per pre approved by Engineer in charge,making connections, testing etc. as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 7.28.1 | 6 A 3/5 pin shuttered socket | Each | 10 | 107.0 | 1,070.00 |
| | 7.28.2 | 6/16 A shuttered socket | Each | 10 | 176.0 | 1,760.00 |
| 18 | 7.29 | Providing & Fixing of modular type 120 W Step Fan regulator duly ISI marked (IS 11037:1984) with CM/L no. printed made out of unbreakable and fire retardant virgin poly carbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating , including all as per pre approved by Engineer in charge,making connections, testing etc. as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 7.29.1 | 5 step fan regulator 2 Module 360 dgree rotating | Each | 5 | 398.0 | 1,990.00 |
| 19 | 7.33 | Providing & Fixing of Wiring Accessories OEM fabricated following size virgin material UPVC modular boxes on surface suitable for modular accessories as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | | | | |
| | 7.33.1 | 1-2-3 Module | Each | 5 | 98.0 | 490.00 |
| | 7.33.3 | 6-8 Module | Each | 5 | 216.0 | 1,080.00 |
| | 7.33.4 | 10-12 Module | Each | 5 | 287.0 | 1,435.00 |
| 20 | 8.1 | SITC of IP-42 and general construction confirming to IS:8623 : 1993, wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel as specifications and Other parameters required as per point (a) ,(b), (c),(d), (e), (f), (g), (h) as below:- (a) Thickness of CRCA sheet shall be 2.0 mm, cable alley compartments having concealed hinged type doors with key type lock with / without detachable extension type structure. Removable 3 mm. thick sheet steel gland plates with appropriate size of knockouts for cables shall be provided (b) complete panel shall undergo a process of degreasing, Water rinsing, Activation, derusting, pickling in acid bath, phosphatising & shall be subjected to nine tank process and then Powder coated with approved shade of minimum 70 microns on both side of panel. The panel having PE foam/ Neoprene rubber gasket of not less than 3mm thickness ,required hardware , concealed hinged door with key type locking arrangement for equipment/switchgear earthed with 2.5 sq.mm braided copper wire. (c) Interconnection between bus bar and switchgears /cable shall be rigidly supported and made out by flexible copper wires (up to 63 amp) and by solid bus bar (>63 amp) . control wiring will be carried out with 1.5 Sq.mm, Earth wire with 2.5 Sq.mm and CT with 2.5 sq.mm flexible copper wire only. All joints / interconnections of copper bus bar shall be dully tinned . Clearance between main bus bar and risers / metal parts shall be at least 10 mm additional to width of bus bar Bus bar is insulated by Heat Shrinkable sleeves . Earth and Neutral bus bar shall be half of the size of phase bus bar. (Cost of Bus bar / Flexible wire for Interconnection between Main busbar and Switchgear is to be Paid Extra) | | | | |

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|----|---------|---|---------|----|----------|-----------|
| | | <p>(d)Wiring between components within switchgear and Incoming / outgoing cable shall be done through the terminal block only. Direct connection shall not be permitted. Each terminal block shall be one piece moulded, barrier type, 650 volt grade, complete with washers, heads, studs with two nuts and identification strips and shall have adequate continuous current rating. For tap-offs, adjacent terminals with shorting strips shall be used. 10% Spare terminal blocks shall be provided. Wire identification on marking strip shall correspond to the designation of the wiring diagrams. All wire terminals on the equipment shall also be marked with designation corresponding to those of the wiring diagram.</p> <p>(e)All wiring shall be enclosed in plastic channels and neatly bunched and closed in metering chamber, Wiring between terminals of various devices shall be 'point to point' (no wire splitting or tee connections) with wires neatly trucked along the back of the panels, adequately supported to prevent sagging.</p> <p>(f)Floor mounted panel shall be mounted on Base frame of ISMC channel size 100 x 50 x 5 mm (to be paid Extra)</p> <p>(g) Tests: The insulation resistance (with 1000 V Megger) and High voltage Power frequency test (by applying a voltage of 2.5KV for one minute) shall be measured between phases, between phase and neutral and between phase and earth. both before and after high voltage power frequency test. The insulation resistance shall not be less than three megaohm. CT Secondary current injection test shall also be carried out.</p> <p>(h) only outer surface area on all sides shall be measured & panel to be fabricated only from CPRI approved fabricator only (CPRI Test certificates to be submitted)All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .</p> | Sq. Mtr | 10 | 5975.0 | 59,750.00 |
| 21 | 8.2 | Supplying and fixing of Aluminium (IEC 60105 ISO 209-1,2) / Copper (IEC 60028) bus bar by means of SMC / DMC type insulator with standard short circuit withstand capacity , high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | | | | |
| | 8.2.1 | Electrolytic grade Aluminium bus bar 6010 grade | Kg. | 2 | 542.0 | 1,084.00 |
| | 8.2.2 | Electrolytic grade (Cu-ETP) Tin Coated annealed copper bus bars IACS 100% grade | Kg. | 2 | 1301.0 | 2,602.00 |
| 22 | 9.3 | SITC of 3 / 4 pole current limiting Moulded case circuit breaker (MCCB) made of flame retardant & heat resistant material having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings , conforming to IS/IEC 60947 P -2 :2003 with front face and centralised adjustable, trip free mechanism, true contact position indicator, line load interchangeability, designed for both horizontal & vertical mounting without any adverse effect on electrical performance, suitable for operation upto 55 degree and without derating upto 40 degree, pollution degree 3, having positive isolation capability, push (test) to trip, trip time less than 10 ms under s/c condition, Breaking capacity Ics = 100% Icu . U imp =8 KV, rated insulation voltage 690 V. provision for UVR , shunt trip , earth fault trip, door interlock, pad lock & rotary handle , including making connections etc. as required.OEM shall have submit NABL / CPRI / ERDA accredited lab type test certificate before execution All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 9.3.3 | 4 pole MCCB With Thermal Magnetic release | | | | |
| | 9.3.3.3 | 125 Amp , 25 kA, adjustable O/L & adjustable S/C setting, | Each | 4 | 8391.00 | 33,564.00 |
| | 9.3.3.5 | 200 Amp , 25 kA, adjustable O/L & adjustable S/C setting, | Each | 2 | 15348.00 | 30,696.00 |
| 23 | 10.7 | Providing & Fixing of ISO certified company made on load change over switch, front handle operated, four pole 415 V as per PWD specification for electrical Works conforming to IS/IEC 60947-3 : 1999 including connections , testing etc. as required .in the following rating. Appropriate type test certificate / OEM test report shall be submitted . All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | | | | |

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|----|----------------|--|------|----|----------|-----------|
| | 10.7.2 | With sheet steel enclosure made out from CRCA sheet door 1.2mm & body 1.6mm thick, powder coated, door locking system allow opening of door in OFF position only with 2 nos external earthing points. | | | | |
| | 10.7.2.2 | 125 A | Each | 4 | 9124.00 | 36,496.00 |
| | 10.7.2.4 | 200 A | Each | 4 | 13064.00 | 52,256.00 |
| 24 | 11.1 | Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Un-Armoured Aluminium cable confirming to IS:1554 P-I / IS :7098 P - I of 1.1 KV with H4- Grade electrolytic aluminium conductor confirming to IS 8130 of purity >99.6 %, Inner / outer sheath confirming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray (with cable tie) including testing etc. as required of following size. OEM must have it's own in house NABL accredited Laboratory for testing procedure as per IS:10810. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 11.1.1 | 4.0 Sq. mm | | | | |
| | 11.1.1.1 | 2 core | Mtr | 10 | 61.00 | 610.00 |
| | 11.1.1.2 | 3 core | Mtr | 10 | 76.00 | 760.00 |
| | 11.1.2 | 6.0 Sq. mm | | | | |
| | 11.1.2.1 | 2 core | Mtr | 10 | 79.00 | 790.00 |
| 25 | 11.2 | Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Armoured Aluminium cable confirming to IS:1554 P-I / IS :7098 P - I of 1.1 KV with H4- Grade electrolytic aluminium conductor confirming to IS 8130 of purity >99.6 %, round / flat strip armouring of cables, Inner / outer sheath confirming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray(with cable tie) including testing etc. as required of following size. OEM must have it's own in house NABL accredited Laboratory for testing procedure as per IS:10810.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 11.2.3 | 10.0 Sq. mm | | | | |
| | 11.2.3.3 | 4 core | Mtr | 50 | 192.00 | 9,600.00 |
| | 11.2.5 | 25.0 Sq. mm | | | | |
| | 11.2.5.3 | 3.5 core | Mtr | 50 | 285.00 | 14,250.00 |
| | 11.2.6 | 35.0 Sq. mm | | | | |
| | 11.2.6.3 | 3.5 core | Mtr | 50 | 347.00 | 17,350.00 |
| | 11.2.7 | 50.0 Sq. mm | | | | |
| | 11.2.7.3 | 3.5 core | Mtr | 20 | 457.00 | 9,140.00 |
| | 11.2.8 | 70.0 Sq. mm | | | | |
| | 11.2.8.4 | 3.5 core | Mtr | 10 | 610.00 | 6,100.00 |
| | 11.2.9 | 95.0 Sq. mm | | | | |
| | 11.2.9.2 | 3.5 core | Mtr | 10 | 765.00 | 7,650.00 |
| | 11.2.10 | 120.0 Sq. mm | | | | |
| | 11.2.10.2 | 3.5 core | Mtr | 10 | 945.00 | 9,450.00 |
| | 11.2.12 | 185.0 Sq. mm | | | | |
| | 11.2.12.2 | 3.5 core | Mtr | 50 | 1415.00 | 70,750.00 |
| 26 | 12.3 | Supplying and making end termination with heavy aluminium lugs (Pin / ring type) confirming to IS 8309 -1993 & IS 8337-1976 duly crimped with crimping tool, PVC tape etc of following size.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | | | | |
| | 12.3.10 | 70.0 Sq.mm | Each | 10 | 18.0 | 180.00 |
| | 12.3.11 | 95.0 Sq.mm | Each | 10 | 19.0 | 190.00 |
| | 12.3.12 | 120.0 Sq.mm | Each | 10 | 26.0 | 260.00 |
| | 12.3.14 | 185.0 Sq.mm | Each | 10 | 44.0 | 440.00 |
| 27 | 12.12 | P / L of Double wall corrugated HDPE pipe confirming to IS : 16205 P-24, Stiffness Class 750 N, Externally corrugated and having smooth surface inside with HDPE Coupler, Elbow, Tee at required Depth below the ground for laying cable of following Nominal Outer dia. MFR Test report from NABL accredited is to be submitted.(Excavation of Earth & Back filling with compaction is to be Paid Extra)All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | | | | |
| | 12.12.1 | 50 mm | Mtr | 50 | 85.0 | 4,250.00 |

| | | | | | | |
|----|----------------|---|------|----|---------|-----------|
| | 12.12.4 | 90 mm | Mtr | 50 | 176.00 | 8,800.00 |
| | 12.12.5 | 110 mm | Mtr | 50 | 226.0 | 11,300.00 |
| 28 | 13.1 | Providing & Laying XLPE insulated three core Armoured Aluminium cable for working voltage 11 K.V.(E) confirming IS :7098 P - 2 with H4- Grade electrolytic aluminium conductor confirming to IS: 8130 class-2 of purity >99.6 %, Insulation Screening: Extruded Semiconducting Compound followed by helically wrapped Copper Tape, round / flat strip armouring of cables , Inner / outer sheath PVC type ST-2 confirming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray including testing etc. as required of following size. OEM must have it's own in house NABL accredited Laboratory for testing procedure as per IS:10810 All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | | | | |
| | 13.1.1 | 3 core 95.0 Sq.mm | Mtr | 50 | 1287.0 | 64,350.00 |
| | 13.1.4 | 3 core 185.0 Sq.mm | Mtr | 50 | 1904.0 | 95,200.00 |
| 29 | 13.12 | Providing & making heat shrinkable type indoor/outdoor/straight through terminations/ joint kit suitable for 11 KV / 33 KV (Earthed) cable with required components, preparation of cable ends. Type test report should be as per IS13573:2011 which covered all sequence for table 2 for termination kit and table 3 for streight through joint inclusive thermal & dynamic short circuit test, humidity test, soil fog test. Cross linking shall be done out side factory with E- beam/ peroxide technology. Extrusion process shall be in house OEM within same vicinity. including testing etc. as required of following sizes. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | | | | |
| | 13.12.1 | 11 KV End Termination Kit Indoor type | | | | |
| | 13.12.1.3 | 3 core 120/150/185 Sq.mm | Each | 4 | 5862.0 | 23,448.00 |
| | 13.12.3 | 11 KV Straight Through Joint Kit | | | | |
| | 13.12.3.3 | 3 core 120/150/185 Sq.mm | Each | 4 | 12076.0 | 48,304.00 |
| 30 | 14.2 | Plate Earthing as per IS:3043 with Hot dipped G.I. Earth plate of size 600mm x 600mm x 6.0mm by embodying 3 to 4 mtr. below the ground level with 20 mm dia. G.I. 'B' class watering Pipe ,including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 ohms or less as required & must record by engineer in charge during site visit and ensure to enter in measurment book.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Set | 2 | 5733.0 | 11,466.00 |
| 31 | 14.3 | Plate Earthing as per IS:3043 with copper Earth plate of purity >95% of size 600mm x 600mm x 3.0mm by embodying 3 mtr. below the ground level with 20 mm dia. G.I. 'B' class watering Pipe ,including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 ohms or less as required & must record by engineer in charge during site visit and ensure to enter in measurment book. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . | Set | 2 | 15144.0 | 30,288.00 |
| 32 | 14.6 | Supply & Laying following size earth wire in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection with GI/Cu purity purity >95% thimble etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR. | | | | |
| | 14.6.5 | 8 SWG copper Wire | Mtr. | 25 | 148.0 | 3,700.00 |
| | 14.6.8 | 8 SWG G.I. (Hot Dipped) Wire | Mtr. | 50 | 20.0 | 1,000.00 |

| | | | | | | |
|----|---------|--|------|----|---------|------------|
| 33 | 14.7 | Supply & Laying following size 'B' class, G.I. Pipe conforming to IS : 1239 P - 1 (2004) with accessories like bend, socket etc. for laying earth conductor/ strip / cable in ground/ surface/ recess as required. All as per pre approved by Engineer in charge. (Earth Excavation will be Paid Extra) All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. | | | | |
| | 14.7.3 | 25 mm dia. | Mtr. | 2 | 358.0 | 716.00 |
| | 14.7.6 | 50 mm dia. | Mtr. | 2 | 718.0 | 1,436.00 |
| | 14.7.9 | 100 mm dia. | Mtr. | 2 | 1657.0 | 3,314.00 |
| 34 | 18.2 | Supply and Fixing of Pole OEM fabricated hot dipped galvanised M.S. Overhang (48.3 X 3.25 mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. | | | | |
| | 18.2.1 | Single arm overhang | Mtr. | 2 | 1889.0 | 3,778.00 |
| | 18.2.2 | Double arm overhang | Mtr. | 2 | 3314.0 | 6,628.00 |
| 35 | 18.5 | Supply and erection of Mild steel Swaged tubular pole conforming to IS: 2713-1980 (part I to II) with base plate, The pole shall be made from steel tube & Pipe (IS:1141, Fe 410) including excavation of the pit and filling the same with C.C. of M-20 grade (1:1.5:3) from base plate to 50 cm above ground level, with the help of steel frame not less than 40 cm dia up to 114.3mm outer dia and 50 cm beyond 114.3mm outer dia around the pole. Duly finished with cement plaster, earthing terminals, cable entry with 32 mm dia. 'B' class GI cable sleeves. After erection pole shall be painted with two coat of red oxide primer and two coats of enamel paint of silver colour as per the direction of Engineer incharge complete as required of following height & designation. (See Table P - 02 for specs.) All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. | | | | |
| | 18.5.1 | 7.5 Mtr. (410 SP - 5) | Each | 5 | 13102.0 | 65,510.00 |
| | 18.5.3 | 9.0 Mtr. (410 SP - 28) | Each | 10 | 17666.0 | 176,660.00 |
| 36 | 18.18 | Providing & Fixing of Street light bracket made out from following size of 'B' class, Medium class G.I. Pipe conforming to IS : 1239 P - 1 (2004) with heavy duty pole clamp, Saddles suitable fasteners etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. | | | | |
| | 18.18.3 | 32 mm Dia. | Mtr. | 10 | 742.0 | 7,420.00 |
| 37 | 19.1 | Supply and erection of P.C.C. pole as per REC manual no 15/1979 (amended upto date) and as per latest Discom specifications with factor of safety 2.5 including excavation of pit upto pole planting depth 1/6th of pole length. and back filling with stone aggregate/boulders and soil by ramming and watering etc complete as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 19.1.1 | 8.0 Mtr long PCC pole of 200 Kg Working Load | Each | 10 | 3343.0 | 33,430.00 |
| | 19.1.2 | 9.0 Mtr long PCC pole of 200 Kg Working Load | Each | 10 | 5037.0 | 50,370.00 |
| 38 | 19.2 | Supply and erection of GI stay set conforming to pattern-1 of BS:16/1974 and as per latest Discom Specifications complete with stay rod with anchor plate fitted with cast iron cross head and steel bow, in cement concrete 1:3:6 including excavation of pit-re-filling etc complete as reqd. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 19.2.1 | Stay set of dia 20mm, 2.4m long stay rod and anchor plate 380 x 380 x 4.0 mm | Each | 5 | 1358.0 | 6,790.00 |
| 39 | 19.3 | Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications with two coats of Red oxide and two coats of Aluminium paint etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 19.3.1 | LT cross arm 600 mm long with clamp | Each | 5 | 460.0 | 2,300.00 |
| | 19.3.2 | LT cross arm 1200 mm long with clamp | Each | 5 | 787.0 | 3,935.00 |

| | | | | | | |
|----|---------------|---|------|-----|--------|-----------|
| 40 | 19.4 | Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 and as per Discom's standard specifications, suitable for working voltage 1100 volts including all accessories like MS Forged GI LT Pin confirming to IS:7935/1975 (latest amended) Nut, Bolt etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 19.4.1 | 100 mm x 70 mm | Each | 10 | 107.0 | 1,070.00 |
| 41 | 19.5 | Supply and fixing of LT porcelain shackle insulator as per IS:1443 1979 and as per Discom's standard specifications, suitable for working voltage 1100 volts including all accessories like GI Hardware fittings confirming to IS:7935/1975 (latest amended) Nut, Bolt etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 19.5.1 | 75mm x 90mm | Each | 5 | 109.0 | 545.00 |
| 42 | 19.6 | Supplying and drawing overhead steel core Aluminium conductor (ACSR) ISI marked (IS 398 part II-1996) on existing cross arms through insulator with all necessary T&P required including binding and twisting etc. complete in all respect as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 19.6.3 | 50 Sqmm of (6+1) 3.35 mm (Insulated Rabbit) for LT | Mtr. | 500 | 92.0 | 46,000.00 |
| 43 | 19.7 | Supply and fixing of 'V' type cross arms with top hamper and clamps as per latest Discom specifications made of MS angle on the existing poles complete including all necessary nut and bolt, clamps with two coats of Red oxide and two coats of Aluminium paint etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | Each | 5 | 1417.0 | 7,085.00 |
| 44 | 19.8 | Supply and fixing of top hamper on the existing pole as per latest Discom specifications complete including nut bolts with two coats of Red oxide and two coats of Aluminium paint etc as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 19.8.1 | Vertical type | | | | |
| | 19.8.1.1 | 11 kV (.7m long) (65 x 65 x 6mm angle) | Each | 5 | 275.0 | 1,375.00 |
| 45 | 19.10 | Supply and fixing of 11 kV pin insulator confirming to IS:731:1971 with latest amendment on existing bracket including all accessories like MS forged hot dipped GI Pin confirming to IS 2486(Part-I)/1993 & IS:2486 (Part-II)/1989 with latest amendment, and as per latest Discom specs. etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | Each | 5 | 175.0 | 875.00 |
| 46 | 19.11 | Supply and fixing of 11kV Disc insulator and Hot dipped galvanized Hardware confirming to IS:731:1971 with latest amendment and as per latest Discom Specs. on existing bracket including all accessories etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR | | | | |
| | 19.11.1 | B & S type hardware 45 KN | Each | 5 | 640.0 | 3,200.00 |
| | 19.11.3 | B & S disc insulator 45 KN | Each | 5 | 374.0 | 1,870.00 |
| 47 | 23.20 | Supply & fabrication steel structure with MS channel / angle / joist / ISMB / sheet etc. including welding, rivetting, cutting, nut & bolt , one coat of primer & two coat of enamel paint etc. as required 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 this BSR . | Kg | 50 | 135.0 | 6,750.00 |
| 48 | 23.21 | Earth work in excavation/ by mechanical means (Hydraulic Excavator) / Manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sum on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: | Cum | 5 | 213.0 | 1,065.00 |
| 49 | 23.24 | Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level | | | | |

| | | | | | |
|-------------------------|---|------|---|--------|--------------|
| 23.24.1 | 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources) | Cum. | 5 | 4977.0 | 24,885.00 |
| Total of Part -A | | | | | 1,270,979.00 |

Terms & Conditions :-

- 1- Conditional Tender shall be not accepted.
- 2- The Rates are based on P.W.D., Rajasthan Electrical Works B.S.R. 2022.
- 3- In case of any typographical error or mistake in print the above B.S.R. shall be binding and final.

O.I.C. (Estate)
VMOU, Kota

I / We here by agree to execute the above work at the following rate.

Rate are % above / below (**in words**) on "G" SCHEDULE

Rate are % above / below (**in Figures**) on "G" SCHEDULE

Signature of Contractor

Part "B" (H-Schedule)

| S. No. | Particulars Item | Unit | Qty. | Rate to be quoted by contractor | Amount |
|--------------------------|---|------|------|---------------------------------|--------|
| 1 | Over all maintenance with material of 11KV, 400 amp Isolator including fabricating of copper pipe/ conductor, setting of operable pipe connecting copper pipe/ blade/ U clamp nut bolts complete maintenance so that Isolator should be in smooth operation. (i) 11/0.4 KV Distribution transformer upto 500KVA capacity | Nos | 12 | | |
| 2 | Supply and fixing of strut made out of 'B' Class GI pipe 80mm. having base plate of size 300mmX300mmX6mm. (10.0 Mtr. long) by fixing on the pole at top by clamping within position with M.S. flat 50mmX6mm. Clamps and M.S. nuts & bolts and grouting in ground as required (0.4 Mtr) (a)GI pipe Strut 8 Mtr. | Nos. | 6 | | |
| Total of Part - B | | | | | |

I/we agree to execute the above work at rates quoted above.

Signature of Contractor

Part "C" (Labour Rate)

| S. No. | Particulars Item | Unit | Qty. | Rate to be quoted by contractor | Amount |
|--------------------------|---|-----------|------|---------------------------------|--------|
| 1 | Providing qualified/ Experienced Electrician Electrician & Helper sufficient numbers for round the clock Electrical maintenance in University campus (24 hours x 7 days). The maintenance work includes from main meter point to upto end user points, street lights, D.O. fuse etc. Complete in all respect. (L.T. Line & H.T. Lines). | Per Month | 12 | | |
| Total of Part - C | | | | | |

O.I.C. (Estate)
VMOU, Kota

I/we agree to execute the above work at rates quoted above.

Signature of Contractor

Compliance with the code of integrity and no conflict of interest

Any person participating in a procurement process shall-

- (a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process.
- (b) Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation.
- (c) Not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness, and progress of the procurement process.
- (d) Not misuse any information shared between the procuring entity and the Bidders with intent to gain unfair advantage in the procurement process.
- (e) Not indulge in any correction including impairing or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process.
- (f) Not obstruct any investigation or audit of a procurement process.
- (g) Disclose conflict of interest, if any, and
- (h) Disclose any previous transgressions with any entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest:-

The Bidder participating in a bidding process must have a conflict of interest.

A Conflict of interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligation, or compliance with applicable laws and regulations.

A Bidder may be considered to be in conflict of interest with one or more parties in a bidding process if, including but not limited to;

- a. Have Controlling partners/shareholders in common; or
- b. Receive or have received any direct or indirect subsidy from any of them; or
- c. Have the same legal representative for purpose of the bid; or
- d. Have the relationship with each other, directly or through common third parties, that puts them in a position to have access have to information about or influence on the bid of another Bidder, or influence the decision of the procuring entity the bidding process; or
- e. The Bidder participates in more than one bid in a bidding process. Participation by a Bidder in more than one bid will result in the disqualification of all Bids in which the Bidder is involved. However this does not limit the inclusion of the same subcontractor , not otherwise participating as Bidder, in more than one Bid; or
- f. The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the goods, works or service that are the subject of the Bid; or
- g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring entity as engineer-in-charge /consultant for the contract.

Place:

Date:

Signature of the Bidder with seal

Declaration by the Bidder regarding qualifications

In relation to my/our Bid submitted to Vardhman Mahaveer Open University, Kota for procurement of **“ARC for Electrical Maintenance work in University campus”** in response to their Notice Inviting Bid No. **16 /2024-25** Dated **31-08-2024**. I/We hereby declare under section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/We possess the necessary professional, technical , financial and managerial resources and competence required by the Biding Document issued by the Procuring Entity;
2. I/We have fulfilled my/our obligation to pay such of the taxes payable to the union and the State Government or any local authority as specification in the Bidding Document;
3. I/We have are not insolvent in receivership, bankrupt or being wound up, not have my/our affairs administrated by a court or a judicial officer , not have my/our business activities suspended and not the subject of legal proceeding for any of the foregoing reasons;
4. I/We do not have, and our directions and officers not have, been convicted of any criminal offence related to my/our professional conducted or the making of false statement or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceeding;
5. I/We do not have a conflict of interest as specification in the Act, Rules and the bidding document, which material affects fair competition;

Date:

Place:

Signature of bidder with seal

Grievance Redressal during procurement process

The designation and the address of the first appellate authority is Hon'ble V.C. VMOU, Kota.

The designation and the address of second Appellate Authority is Additional Chief Secretary (Higher Education, Govt. Rajasthan)

(1) Filing an appeal

If any bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the act or the rules or the Guidelines issued there under, he may file an appeal to first Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Providing that after the declaration of a bidder as successful the appeal may be filled only by a bidder who has participated in procurement proceeding:

Providing further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filled only by a Bidder whose Technical Bid is found to be acceptable.

- (2) The officer to whom an appeal is filled under para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.
- (3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the Procuring Entity, as the case may be, may file a second appeal to second Appellate Authority specified in the Bidder Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the first Appellate Authority, as the case may be.

(4) Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) Determination of need of Procurement
- (b) Provisions limiting participating of Bidders in the Bid process;
- (c) The decision of whether or not to enter into negotiations;
- (d) Cancellation of a procurement process ;
- (e) Applicability of the provisions of confidentiality

(5) Form of appeal

- (a) An appeal under para (1) or (3) above shall be in the annexed form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payments of fee.
- (c) Every appeal may be presented to first Appellate Authority or Second Appellate Authority , as the case may be, in person or through registered post or authorized representative.

(6) Fee for Filing Appeal

- (a) Fee for first appeal shall be two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non refundable.

(b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(7) Procedure for disposal of appeal

- (a) The first Appellate Authority or Second Appellate, as the case may be upon filing of appeal, shall issued notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- (b) On the date of fix hearing, the First Appellate Authority or second Appellate Authority , as the case may be-
- (i) Hear all the parties to appeal present before him; and
 - (ii) Peruse or inspect documents , relevant records or copies thereof relating th the matter
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.

Date:

Place:

Signature of the Bidder with seal

Additional conditions of contract

1. Correction of arithmetical errors

Provided that a Financial Bid is substantially responsive, that Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- (i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quality, the unit price shall prevail and the total price shall be corrected, unless in the opinion in the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (ii) If there is a error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated Bid does not accepted the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Deceleration shall be executed.

2. Procuring Entity's Right to vary Quantities.

- (i) At the time of award of contract, the quantity of goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit price or other terms & conditions of the Bid and the conditions of contract.
- (ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.
- (iii) In case of Procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the Service Provider fail to do so, the Procurement Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the Service Provider.

3. Dividing quantities among one than more Bidder at the time of award (In case of procurement of Goods)

As a general rule all the quantities of the subject matter of procurement shall be procured for the Bidder, whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and visit nature, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.

Date:

Place:

Signature of the Bidder with