



EXECUTIVE ENGINEER

Estate Office



Fax(0)+912942471900

Nirman Bhawan

NAME OF WORK : Major Electrical Maintenance works of Non Residential and Residential Buildings at various places. (Rate Contract)

NIT No. :- EO/MLSU/E.Tender/2021-22/420

dated:- 28-01-2022

TENDER No.:- E- Tender- 24/1

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**EXECUTIVE ENGINEER
M.L.S.U., Udaipur**

Signature of contractor

Name of contractor:.....



ASSESSMENT SHEET

NAME OF WORK :- Major Electrical Maintenance works of Non Residential and Residential Buildings at various places. (Rate Contract)

Estimated Cost: Rs. 8.85 lakhs.

NIT No. EO/MLSU/E.Tender/2021-22/ 420 , dated 28-01-2022

Completion Period: 12 Month

TENDER No.:- 24/1

S.No.	Particulars	Required	Certificates/details attached
1	Name of contractor		
2	Class of Enlistment	E-EWSD-II	
3	PAN No.		
4	GST No.		
5	Earnest Money (Bid-Securing declaration) , Tender Fee, Processing Fee deposited in bank details		
6	Litigation / Arbitration (as per Schedule III)		
7	Affidavit regarding furnishing of correct information & in support of documents		

SIGNATURE OF CONTRACTOR

**EXECUTIVE ENGINEER
M.L.S.U. Udaipur**

Name of contractor:.....

Address:.....

.....

Phone No. (M)..... **(O)**..... **(R)**.....

E-mail..... **PAN NO**.....



MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR-313039

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EXECUTIVE ENGINEER

Nirman Bhawan

Financial -Bid

- REF. OF NIT** : EO/MLSU/E.Tender/2021-22/420
dated 28 -01-2022
- NAME OF WORK** : Major Electrical Maintenance works of Non
Residential and Residential Buildings at various
places. (Rate Contract)
- ESTIMATED COST** : Rs. 8.85 Lacs.
- EARNEST MONEY** : Rs. 17,700
- COST OF TENDER FORM** : Rs. 590/-
- Processing Fee (RISL)** : Rs. 500/-
- DATE OF Downloading:** 29-01-2022, 11 A.M. to 07-02-2022, 2 P.M.
- Last date of on line Submission :** 07-02-2022 upto 2 P.M.
(Uploading)
- Prebid Meeting** : 1-02-2022, 3.00 P.M.
- Date of Depositing** : 07-02-2022 upto 2 P.M.
**Tender Fee & Processing Fee in the
University Account & Clearing**
- Date of Opening of Technical Bid :** 07.02.2022, (3.30 P.M)
- COMPLETION PERIOD :** 12 Month

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M.L.S.U., Udaipur

Signature of contractor

Name of contractor:.....

Address:.....

.....

Phone No. (M)..... (O)..... (R).....

E-mail..... PAN NO.....

Instructions and Information to bidder regarding Fee, EMD etc.

DETAILS FOR DEPOSITING OF EARNEST MONEY ETC.

Bid Cost (In Lacs)	Earnest Money	Tender fee + Processing Fee (in Rs.)	Period of Comp.	Date of Downloading	Last Date of online Submission	Date of online Opening Technical Bid
	2%					
8.85	17,700/-	1090/-	12 Month	29.01.2022, 11 A.M. to 07.02.2022 up to 2:00 P.M.	07.02.2022 up to 2:00 P.M.	07.02.2022 03:30 P.M.

- (1) The Tender Fee & Processing Fee to be send to Managing Director, RISL, Jaipur should be deposited/NEFT/RTGS etc. in the University account of the Estate Officer, M.L.S.U., Udaipur only as mentioned below. The payment should be deposited in following bank account and cleared upto 07-02-2022, 2 P.M. failing which the bid will not be considered as under:-

Tender Fee Rs. 590/-

RISL Processing Fee Rs. 500 /-

Total: Rs. 1090/-

- (i) Name of Bank:- **I.C.I.C.I. Bank**
(ii) Bank Branch :- **University Campus, Udaipur**
(iii) D.D.O. Name:- **Estate Officer, M.L.S. UNIVERSITY, UDAIPUR (Raj.)**
(iv) Current Account No.:- **694201701553**
(v) IFSC Code:- **ICIC0006942**

Note:- (i) No other mode of payment is accepted.

(ii) Copy of NEFT deposited in the Bank in the name of firm should be attached with the bid otherwise the bid will not be considered.

(iii) Tender will not be accepted if tender amount deposited in other E.O. Bank Account.

- (2) The Tender can be downloaded from the web site www.eproc.rajasthan.gov.in
- (3) The tender documents are available for viewing at www.eproc.rajasthan.gov.in, sppp.rajasthan.gov.in
- (4) The tender notice is available at M.L.S.U., Udaipur website www.mlsu.ac.in

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GENERAL CONDITIONS OF CONTRACT

1. Cost of Tendering :

- 1.1 The tenderer shall bear all cost associated with the preparation and submission of this tender for the work and the Vice-Chancellor, M.L.S.U., Udaipur will in no case, be responsible or liable for such cost, regardless of the conduct or outcome of the tendering process.

2. Site Visit :

- 2.1 The tenderer shall, prior to submitting his tender for the work, visit and examine the Site of works and its surroundings at his own expenses and obtain and ascertain for himself on his own responsibility all information that may be necessary for preparing his tender and entering into a Contract including the actual conditions, regarding the nature, conditions of site, availability of materials, labour, probable sites for labour camps, stores etc. and extent of lead and lift required for the work in complete form over the entire duration of the Contracts after taking into consideration local conditions obstructions in work, if any, and allow for all such extras likely to be incurred due to any such conditions, restrictions, obstructions, etc. in the quoted Contracts Price for the work.
- 2.3 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. Tender Document :

- 3.1 The Tender Document issued for the purpose of tendering shall comprise as stated below together with any Agenda and minutes of pre-tender meeting issued.
- | | | |
|---------|-------|---|
| Section | (i) | Notice inviting Tender |
| Section | (ii) | Schedule "G" |
| Section | (iii) | General Conditions of Contract, Special Condition of Tender |
| Section | (iv) | Special conditions of contract |
| Section | (v) | RPWA- 100 (form of agreement) |
- 3.2 The Tenderer is expected to examine carefully all instructions, conditions, forms, terms, technical specifications, bill of quantities, and drawings in the Tender Documents, Failure to comply with the equipments of tender submissions shall be at the tender's own risk.
- 3.3 The tenderer shall submit only as unconditional offer which complies fully with the requirements of the Tender document.
- 3.4 All tenderers are cautioned that no alternative or conditional offers, variations or deviations by the tenderers in respect of any item proposed by the tenderers shall be entertained or considered further in the process of tender approval, Further more, any deviation from the conditions of Contract or technical specifications or other requirements stipulated in the tender Document other than those specifically clarified/amended in the minutes of the minutes of the pre-tender meeting shall be summarily rejected as non responsive.

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4 Preparation of Tender :

- 4.1 The tender to be prepared and submitted by the tenderer through e-tendering to the **EXECUTIVE ENGINEER, M.L.S.U., Udaipur** for consideration shall comprises the following:
- (a) Form of tender and Appendix there to duly signed in accordance along with the complete tender document.
 - (b) Earnest Money as per RPWA 100 in a separate envelope prescribed as mentioned elsewhere in the document.

5. Format of Tender :

- 5.1 If the tender is made by a proprietary firm it shall be signed by the proprietor above his full name and full name of his firm with its current address. If the tender is made by a firm in partnership it shall be signed by a partner holding Power for Attorney for the firm. A certified copy of the power of Attorney shall accompany with the tender.
- 5.2 The certified copy of the partnership deed current address of the firm and full name and current address of the all the partners of the firm shall also accompany the tender.
- 5.3 If tender is made by a limited company or a limited Corporation it shall be signed by duly authorized person holding the power of Attorney for such limited Company or Corporation a certified copy of Power of Attorney shall accompany the tender. Such limited company or corporation may be required to furnish satisfactory evidence of its existence before the contract is awarded.

6. Deadline for Tender Submissions :

- 6.1 Tender must be submitted through e-tendering system up to **07.02.2022 upto 2.00 P.M.** and shall be opened online on **07.02.2022 at 3.30 P.M.** in the presence of those tenderers who may choose to be present. If such last date is declared a public holiday by the Government in the receiving office, next official working day would be deemed as the last date for opening of the tenders.
- 6.2 The **EXECUTIVE ENGINEER, M.L.S.U., Udaipur** may at his discretion, extent the dead line for the submission of tenders by issuing an amendment to tenderers in which case all rights and obligations of the Addl. OIC Electric Cell and the tenderers previously subject to the original deadline shall thereafter by subject to the new deadline as extended.
- 6.3 Any tender received by the **EXECUTIVE ENGINEER, M.L.S.U., Udaipur**, after the deadline for submission of tenders prescribed by the **EXECUTIVE ENGINEER, M.L.S.U., Udaipur**, in accordance with the foregoing will be returned unopened to the tenderer.
- 6.4 No tender shall be withdrawn in the interval between the deadline for submission of tenders and the expiry of the period of validity of tenders specified in the Tender documents. With drawl of a tender in any form whatsoever during this interval shall entail the forfeiture of the Earnest Money deposit without any further notice or opportunity to the tenderer & without prejudice to any other legal rights & remedies open to the employer.

7. Notification of Award

- 7.1 Prior to the expiry of the period of tender validity prescribed by the **EXECUTIVE ENGINEER, M.L.S.U.,Udaipur** will notify the successful tenderer by telegram/cable or telex (and subsequently confirmed in writing by Registered Letter) that his tender has been accepted. This letter and in the conditions of the contract called Letter of Acceptance.
- 7.2 The Letter of Acceptance will constitute the formation of the Contract and will incorporate all agreements between the parties in accordance with the form of Agreement provided in the Tender Documents.
- 7.3 Upon the furnishing by the successful tenderer of a performance security in accordance with the provisions the **EXECUTIVE ENGINEER, M.L.S.U.,Udaipur** will promptly notify the unsuccessful tenderers that their tenders have been unsuccessful and discharge/returned without interest their tender Earnest Money Deposits.

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8. Security Deposit:

The Security Deposit @ 10% of the gross amount of the running bill shall be deducted from each running bill and shall be refunded as per rules on completion of the contract as per terms and conditions. The earnest money deposited shall however be adjusted while security deposit from the first running bill of the contractor. There will be no maximum limit of security deposit. A contractor may, however, elect to furnish bank guarantee or any acceptable form of security for an amount equal to the full amount of security deposit @ 10 % of the work order before or at the time of executing the agreement. In that case, earnest money may be refunded only after furnishing of the bank guarantee as above. During the execution of the work or after completion of the work also a contractor may replace the security deposit by furnishing bank guarantee for an equal amount. However, during execution of the work if cost of work exceeds as shown at the time of furnishing bank guarantee, balance security deposit shall be deducted from the Running Account Bills.

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M.L.S.U. Udaipur**



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EXECUTIVE ENGINEER

Nirman Bhawan

SPECIAL CONDITION OF E-TENDER No.- 24/1

(1)

- (a) Name of work:- **Major Electrical Maintenance works of Non Residential and Residential Buildings at various places. (Rate Contract)**
- (b) Name of Contractor:-
- (c) Address:-
- (d) Phone No. (O).....(R).....(M).....
- (e) E-mail..... FAX No..... PAN No.....

- (a) Estimated Cost:- Rs. 8.85 Lacs.
- (b) Amount of Earnest Money Rs.:- 2% 17,700/-
- (c) Site of work:- MLSU
- (d) Period of completion:- 12 Month
- (f) Rate of Cement:- To be arrange by the Contractor

- (2) Sealed tenders are invited on percentage basis/item rates for the above work from the registered contractors of various departments which will be received & opened by the Comptroller & the Tender Committee at the time & date shown respectively at para 1 (e) & (f) in the presence of those contractors who wish to be present.
- (3) E.M. as shown in para 1(d) above shall be deposited in Cash/Bank draft payable to the undersigned at Udaipur. No tender will be considered without E.M. Outstation Drafts will not be accepted.
- (4) Rates/tender premium quoted should be inclusive of all taxes and charges. No extra payment will be made for any tax Duty/Royalty/or other charge.
- (5) For the item of the works shown in 'G' schedule which have a reference to the B.S.R. of Rajasthan P.W.D. (B & R) in force on the date of opening of the tender of the relevant circle of P.W.D. shall be considered correct and applicable in the case of any discrepancy.
- (6) The contractor shall bind himself/themselves to carry out quantity upto 50% excess of each item the quantity mentioned in the 'G'/'H' schedule & 20% total contract value at the rate quoted by him/them in this tender according to the site requirement.

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M.L.S.U. Udaipur

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- (7) The contractor shall bind himself/themselves to carry out extra item of the G-Schedule as per clause 12 & 12 A of agreement and total quantum 20% of the total contract value at the rate quoted by him/them in the tender according to the site requirement.
- (8) Work shall be done as per P.W.D. (B&R) Rajasthan Standard Specifications which may have been in force from time to time and measurements will be done accordingly.
- (9) Decision of the Vice-Chancellor, M.L.S.U. in matters of dispute shall be conclusive binding & final.
- (10) Contractors are supposed to see the site conditions and quarries and no claim for any lead other than the included in the rates of various items of works shall be entertained by University. The rate as shown against various items are complete and final.
- (11) Work shall be completed in all respects within the period of completion shown in para 1(h) from the date of written order to commence the work.
- (12) For reasons beyond the control of the contractor, the University authorities may grant extension of the time for the time period as considered reasonable.
- (13) If the contractor fails to commence the work within a week of the receipt of the works order it shall rest, with the University to forfeit his earnest money.
- (14) Condition of any short except as provided in the printed form P.W.D. MF-54, amended upto date will be entertained. The condition in lieu with from P.W.D. MF-64, will be binding on the contractor.
- (15) Steel will not be supplied by the University.
- (16) Supply of cement, if available in the store, will be made at the rate shown in para 1(i) above.
- (17) The connection for water shall be obtained by the contractor from water works if the water is supplied by the University 1% of the gross amount of the bill will be recovered from all the bills.
- (18) The connection of electricity shall be obtained by the contractor from the AVVNL if electricity supplied by the University actual charges shall be recovered from all the bills.
- (19) Any conditional tender will be not excepted.
- (20) The offer shall remain valid for a period of Two months reckoned from the date of receipt of tender.
- (21) The tenders before submitting their terms and conditions (to executed the works must carefully go through the prescribed Contract Agreement) of the University successful tender shall be required to enter into an agreement with the University as per general conditions laid there in.
- (22) Contractors should sign on and put his seal each page of the tender document including terms and conditions incomplete tenders will be rejected.
- (23) The University reserves full rights to reject any or all tenders without assigning any reasons.
- (24) Disputes if any one subject of jurisdiction of the court at Udaipur only.
- (25) If there is any variations in general terms and conditions of the tender conditions of contract and special terms and conditions, then the provision in special terms and conditions shall prevail.
- (26) Annexure A to D Rajasthan transparency in Public procurement Act 2017 (see 7) Memorandum of Appeal are applicable.
- (27) Defect liabilities period as per P.W.D. Circular No. 980 dated 12-10-2012 (two years).

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SPECIAL TERMS AND CONDITIONS OF THE CONTRACT
(FOR ELECTRIC WORK)

- (1) The contractor shall be visit the site before quoting the rates in tender.
- (2) The contractor shall be done white washed, colour, distemper or white cement POP on newly repair plaster during wiring work with matching of old colour or white washed etc.complete as required or as per desired site incharge without any extra cost or no extra payments for this work will be made to the contractor.
- (3) The contractor is required to be test the electric material in PWD Electric Central Lab. Before starting work during executions & after execution of work as per require by site engineer. The Test result submit in office before making any payment and final payment of bill.
- (4) The contractor shall be used thimble, lugs, gland for making connection of wire/ cable in MCCBs or MCBs in Panel or DBs etc. as required.
- (5) The contractor shall arrange all T& P and other material required for complete the work.
- (6) The contractor shall be provide all relevant certificate of material purchase from manufacturer or dealer with lot no etc. for confirming the Gauge, Dia, Resistance or etc. if require at site during execution of work.
- (7) The contractor shall be fully responsible for all injuries and accidents of his labour arrange by him at sited during execution of work.
- (8) The latest DLP provision shall be applied on the work as per rules issued by finance deppt. presently.
- (9) The contractor shall be handed over the work to the Electric Cell, MLSU after successful completion of work and submit inventory list.
- (10) The contractor shall be provide L-form of wiring or electric work after successful completion of work before making final bill.
- (11) The wiring work will be done in recessed PVC conduit in above building as per specification.
- (12) The contractor shall be used 5-Star rated ceiling fans as per enclosed make list hence not accepted DGS&D Model.
- (13) If the contractor used DGS&D Model of 5-Star rated ceiling fans at the site; the rates will be given as per DGS&D approved rates.
- (14) The contractor shall be used electrical fixtures by buy back system and old fixture rates will be deducted from his bill as per (a) 1x36 w old TL @100.00 Each (b) old ceiling fans @400.00 each (c) old CFL fixture 2x11 w @150.00 each.
- (15) The Latest amended unbalanced bid rules issued by ACE pwd elect. Zone Rajasthan Jaipur apply on at his work as per norms and different amount of bid or agreement will be deposit in Deptt. before issuing work order.
- (16) The contract would be provide Electrical Inspector Test Certificate if required. If any fee payable in inspector office as per rules payment will be made by PWD deptt.

**It is certified that this firm is holding a valid license from Electrical Inspector.
Copy is attached.**

SIGNATURE OF CONTRACTOR

EXECUTIVE ENGINEER
M.L.S.U. Udaipur



MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR-313039

Estate Office



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EXECUTIVE ENGINEER

Nirman Bhawan

APPENDIX - XI

Form RPWA - 100
(See Rules 322 and Note 1
below Rule 331)

NOTICE INVITING TENDERS FOR WORKS

Tenders are hereby invited on behalf of the Vice-Chancellor, M.L.S.U., Udaipur for the works of _____ from-enlisted contractors of the appropriate class. Contractors enlisted with the CPWD; Postal; Telecom, Railway, MES, other State Universities/Central University undertakings/ Organization equivalent to AA and A Class of Rajasthan are also eligible after giving prescribed Earnest Money to tender for works as under: -

- (i) Contractor's equivalent to A A class of Rajasthan Works of which cost exceeds Rs. 1.5 crores
 - (ii) Contractors equivalent to A Class of Rajasthan Works of which cost Rs. 1.5 crores but not exceed Rs. 3.00 crores.
2. Contract document consisting of the detailed plan, complete specifications, the Schedule of the quantities of the various classes of work to be done and the set of conditions of contract to be complied with by the persons whose tender may be accepted, which will also be found printed in the form of tenders, can be seen at the office of the _____ (name of the officer) every day except on Sundays and Public Holidays during office hours.
 3. Tenders, which should always be placed in sealed covers with the name of the work written on the envelopes, will be received by the _____ (name of the officer) up to _____ am/pm (time) on the _____ (date) and will be opened by him in his office at _____ am/pm (time) on _____ (date) in the presence of such Contractors or their authorized representatives, as are present.
 4. Tenders are to be submitted on a prescribed form, which can be obtained from the Internet Site as mentioned in the NIT (name of the officers) on payment of a sum of Rs. _____ in cash or by demand draft. The sale of tender forms will start at least _____ days before the date of receipt of tenders. The sale of tenders will be closed one day before actual time of receipt of tender. Before submitting tenders, it should be ensured that the tenderer signs all the tender papers including conditions of Contract. Eligibility to get tender forms shall be with reference to the amount mentioned in the NIT.
 5. The work is to be completely finished to the satisfaction of Engineer-in-Charge within _____ months from the 10th day after the date of written order to commence the work.

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6. Earnest Money, amounting to Rs. _____, must accompany each tender, and each tender is to be in a sealed cover, subscribed "Tender for _____ and addressed to the _____ (name of the officer).
Earnest Money, in cash or Bankers Cheques in the name of officer inviting tender or Demand Draft of nationalized/ Scheduled Banks, should be deposited with the cashier or authorized clerk and his receipt should be attached with tenders. In case of tenders for works of which tendered cost is Rs. 5 crores and above, Earnest Money of Rs. 10 Lacs shall be accepted in cash as above and remaining part of Earnest Money can be accepted either in the form of Bank Guarantee (Form RPWA 87) or in cash. Enlisted contractors shall be required to deposit ½ % of estimated cost of work as Earnest Money while tendering within their enlistment zone. For outside their zone, 2% Earnest Money shall be required to be deposited.
7. The Security Deposit @10% of the gross amount of the running bill shall be deducted from each running bill and shall be refunded as per rules on completion of the contract as per terms and conditions. The earnest money deposited shall however be adjusted while deducting security deposit from the first running bill of the contractor. There will be no maximum limit of security deposit.
A contractor may however elect to furnish bank guarantee or any acceptable form of security for an amount equal amount to the full amount of security deposit @ 10% of the work order before or at the time of executing the agreement. In that case, earnest money may be refunded only after furnishing of the bank guarantee as above. During the execution for the work or after completion of the work also a contractor may replace the security deposit by furnishing bank guarantee for an equal amount. However, during execution of the work if cost of work exceeds as shown at he time of furnishing bank guarantee, balance security deposit shall be deducted from the Running Account Bills."
8. The acceptance of the tender will rest with the competent Authority who does not bind itself to accept the lowest tender, and reserves to itself the authority to reject any or all of the tenders received without assigning any reason.
9. Tender forms, as issued from the office(s) mentioned above (para 4), must be returned, with all enclosures, to the OIC Electric Cell, M.L.S.U., on the date of receipt of tenders.
10. No refund of tender fees is claimable for tenders not accepted or forms returned or for tenders not submitted.
11. The tenders for works shall remain open for acceptance for the period 60 days from the date of opening of potential assessment bid/ post-qualification bid/ pre-qualification bid, where 2 envelopment system is followed, otherwise from the date of opening of financial bid: -
Note: Communication of acceptance of tender shall also be within the above limits.
12. All tenders, in which any of the prescribed conditions are not fulfilled or which have been vitiated by errors in calculations, totaling or other discrepancies or which contain over-writing in figures or words or corrections not initialed and dated, will be liable to rejection.
13. Enlisted Contractor, will be required to pay Earnest Money @ ½ % of estimated cost of work put to tender, in case of work for which they are authorized to tender under Rules for enlistment of contractors, but the amount to the extent of full Earnest money shall be liable to be forfeited in the event of circumstances explained in Clause 11 above. Degree /Diploma holder Engineers may pay Earnest Money equal to one half of the normal rates, subject to the provisions of Rules for enlistment of Contractors.
14. The tender should be accompanied with sales Tax Clearance Certificates from the concerned departmental authorities, without which the tenders may not be entertained.
15. The whole work may be split up between two or more contractors or accepted in part and not in entirely if considered expedient.

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EXECUTIVE ENGINEER

Nirman Bhawan

NAME OF WORK :- Major Electrical Maintenance works of Non Residential and Residential Buildings at various places. (Rate Contract)

SCHEDULE 'G'

PART – MAINTENANCE

The above work shall be maintained by the contractor upto **2 (Two) years** after completion of this Work, at his own cost.

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Nirman Bhawan

Agreement No. MLSU/EO/

Date:.....

Name of Work:-

Name of Contractor:.....

Form RPWA-100 (See Rule 322 & Note 1 below Rule 331 PWF & AR)

CONTRACTOR FOR WORK

GENERAL RULES AND DIRECTIONS FOR THE GUIDANCE

1. All works, proposed for execution by Contract, will be notified in a form of invitation to tender pasted on public places and on a board hung up in the office of and signed by the Officer In-Charge Electric Cell . The form of invitation to tender will state the work to be carried out, as well as the date of submitting and opening of tenders and the time allowed for carrying out the work, also the amount of Earnest Money to be deposited with the tender and the amount of the Security Deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and estimated rates/scheduled rates and any other documents required in connection with the work signed for the purpose of identification by the Officer In-Charge Electric Cell shall be open for inspection by the Contractor at the office of the Officer In-Charge Electric Cell or other duly authorized Engineer during office hours.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner, thereof, or in the event of the absence of any partner, it must be signed on his behalf, by a person holding a power of attorney, authorizing him to do so. Such power of Attorney will be submitted with the tender and it must disclose that the firm is duly registered under the Indian Partnership Act, by submitting the copy of registration certificate.
3. Receipts for payments, made on account of a work when executed, by a firm must also be signed by the several partners, except where the contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners or by some other person having authority to give effectual receipts for the firm.
4. Any person, who submits percentage rate tender, shall fill up the usual printed form stating at how much percent above or below the rates specified in Schedule G, he is willing to undertake the work. Only one rate of percentage, more or less, on **all** the estimated rates/scheduled rates shall be mentioned. Tenders, which propose any alteration in the work, specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work, but Contractors, who wish to tender for two or more works, shall submit a separate tender for each work. Tenders shall have the name and number of work, to which they refer, written outside the envelope.
5. The Officer In-Charge Electric Cell or other duly authorized Engineer will open the tenders in the presence of any contractor(s) or **their** authorized representatives who may be present at the time, and will announce and enter the rates/amounts of all tenders in the Register of Opening of Tenders, (Form RPWA 20A). In the event of the tender being accepted, a receipt for the Earnest Money deposited shall be given to the Contractor, who shall sign copies of the specifications and other documents mentioned in Rule 1. In the event of a tender being rejected, the Earnest Money forwarded with such unaccepted tenders shall, be returned to the Contractor making the same.
6. The Officer In-Charge Electric Cell or other duly authorized Engineer shall have the right of rejecting all or any of the tender without assigning any reason.
7. The receipt of an Accountant, Cashier or any other official, not authorized to receive such amount, will not be considered as an acknowledgment of payment to the Officer In-Charge Electric Cell or other duly authorized Engineer.
8. The memorandum of work tendered for, memorandum of materials and of tools and plant to be supplied by the Department and their rates, shall be filled in and completed in the office of the Officer In-Charge Electric Cell or duly authorized Engineer before the tender form is issued.
9. If it is found that the tender is not submitted in proper manner, or contains too many corrections and or unreasonable rates or amounts, it would be open for the Engineer-in charge not to consider the tender, forfeit the amount of earnest money and/or de-list the contractor.
10. The tenderer shall sign a declaration under the Official Secrets Act for maintaining secrecy of the tender documents, drawings or other records connected with work given to him in form given below. The unsuccessful tenderer shall return all the drawings given to them.

Declaration

- "I/We hereby declare that I/We shall treat the tender documents, drawings and other records, connected with the work, as secret confidential documents, and shall not communicate information derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the same."
11. Any percentage rate tender containing item-wise rates, and any item rate tender containing percentage rate below or above estimated/scheduled rates will be summarily rejected. However, if a tenderer voluntarily offers a rebate for payment within a stipulated period, this may be considered.
 12. On acceptance of the tender, the name of the accredited representative (s) of the Contractor (with a photograph and, signature attested), who would be responsible for taking instructions from the Engineer-in-Charge, shall be communicated to the Engineer-in-Charge.
 13. Sales tax or any other tax on materials or Income Tax in respect of the contract shall be governed by Clause 36A,B, C and D of the Conditions of Contract. Deduction of Income Tax at source will be made as per provisions for the Income Tax Act, in force from time to time.
 14. The tender to work shall not be witnessed by a Contractor or Contractors who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe the secrecy of the tenders will render tenders of the contractors, tendering a well as witnessing the tender, liable to summary rejection.
 15. If on check, there are some discrepancies, the following procedure shall be followed: -
 - (i) Where there is a difference between the rates in figures and words, lower of the two rates shall be taken as valid and correct rate,
 - (ii) When the rate quoted by the contractor in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount worked out.

- (iii) While quoting rates, if rate/rates against any item or items are found to be omitted, the rate given in the Schedule 'G' by the department for such items will be taken into account while preparing comparative statement and contractor shall be bound to execute such item on 'G' Schedule rates,
- (iv) In case where percentage is given but the 'above' or 'below' not scored, the tender will be non-responsive.
16. The contractor shall comply with the provisions of the Apprenticeship Act, 1961, and the rules and orders issued, hereunder, from time to time. If he fails to do so, his failure will be a breach of the contract and the original sanctioning authority in his discretion may cancel the contract. The Contractor shall also be liable for any pecuniary liability arising on account of violations by him of the provision of the Act.
17. The contractor shall read the specifications and study the working drawings carefully before submitting the tender.
18. The site for execution of the work will be made available as soon as the work is awarded. In case, it is not possible for the Department to make the entire site available on the award of the work, the Contractor shall arrange his working programme accordingly. No claim, whatsoever, for not giving the site in full on award of the work or for giving the site gradually in parts will be tenable. The contractor may satisfy himself regarding site, acquisition of land, approach roads etc.
19. The tender documents show already the specific terms and conditions on which tenders are required by the government. Hence, all tenders should be in strict conformity with the tender documents and should be fulfilled in, wherever necessary, and initialed. Incomplete tenders are liable to be rejected. The terms and conditions of the tender documents are firm; as such conditional tenders are liable to be rejected.
20. The tenderer, while submitting tender, must provide adequate information regarding his financial, technical and organizational capacity and working experience to execute the work of the nature and magnitude.
21. The Officer In-Charge Electric Cell or other duly authorized Engineer reserves the right to ask for submission of samples as in respect of materials for which the tenderer has quoted his rates before the tender can be considered for acceptance. If the tenderer, who is called upon to do so, does not submit within seven days of written order to do so, the Engineer-in-Charge shall be at liberty to forfeit the said earnest money absolutely.
22. The Contractor shall submit the list of the works, which are in hand (progress), in the following form : -

Name of work	Name and particulars of the Sub- Division/ Division, where work is being executed	Amount of work	Position of works progress	Remarks
1	2	3	4	5

23. The Contractor should quote his rates only in one language i.e. either in Hindi or English. Rates should be quoted in figures as well as in words. In case a Contractor has quoted rates in both the languages, and the rates so quoted differ, then the lower of the two shall be treated as the rate quoted by the Contractor.
24. All additions, deletions, corrections and overwriting must be serially numbered and attested by the Contractor every page, so also by the officer opening the tenders so as to make further disputes impossible on this score.
25. After acceptance of the tender, the Contractor or all partners (in the case of partnership firm), will append photographs and signatures duly attested, at the time of execution of Agreement.
26. If any contractor, who having submitted a tender does not execute the agreement or start the work or does complete the work and the work has to be put to re-tendering, he shall stand debarred from participating in sue re-tendering in addition to forfeiture of Earnest Money/Security Deposit and other action under agreement.
27. The tender documents shall be issued to those contractors only having valid enlistment as on the date of issue documents.
- 28 (a) If a tenderer reduces the rates voluntarily after opening of the tenders/negotiations, his offer shall stand cancelled automatically, his earnest money shall be forfeited and action for debarring him from business shall be taken as per enlistment rules, (b) If a non-tenderer offers lower rates after opening offenders, action for debarring him from business shall be taken as per enlistment rules.
29. Contractors shall submit only unconditional tenders. Conditional tenders are liable to be rejected summarily.

Tender for works

I/We hereby tender for the execution for the the Vice-Chancellor, M.L.S.U.,Udaipur of the*work specified in the underwritten memorandum within the time specified in such memorandum at the rates, (in figures) _____ % (as well as in words) _____ percent below/above the amount, entered in the schedule G in all respects in accordance with the specifications, designs, drawings and instructions in writing referred to in Rule 1 in all respects in accordance with such conditions so far as applicable. I/We have visited the site of work and am/are fully aware of all the difficulties and conditions likely to affect carrying out the work. I/We have fully acquainted myself/ourselves about he conditions in regard to accessibility of site and quarries/kilns, nature and the extent of ground, working conditions including stacking of materials, installation of tools & plant, conditions effecting accommodation and movement of labour etc. required for the satisfactory execution of contract.

Memorandum

- (a) General description of work _____
- (b) Estimated cost RS. _____
- (c) Earnest money RS. _____ @ 2% for enlisted contractors outside their zone and 1/2% within their Zone of enlistment.

(d) Security Deposit: -

- (i) The Security Deposit @ 10% of the gross amount of the running bill shall be deducted from each running bill and shall be refunded as per rules on completion of the contract as per terms and conditions. However, the amount of security deposit deducted from running bills shall not be converted in to any mode of securities like bank guarantee. FDR etc. The earned money deposited shall however be adjusted while deducting security deposit from first running bill of the contractor. There will be no maximum limit of security deposit. However, a contractor may elect to deposit of full amount of 10% security deposit in the shape of bank guarantee or any acceptable form of security before or at the time of executing agreement. In that case earnest money may be refunded only after deposition of full 10% as above. However, in case during execution cost of works exceeds as shown at the time of depositing 10% as above, balance security deposit shall be deducted from the Running Account Bills.
- (ii) Bank Guarantee shall in all cases be payable at headquarter of the Division or the nearest District headquarters.
- (e) Time allowed for the completion of work (to be reckoned from the 10th day after the date of written order to commence the work) is _____ months. This tender should be accepted in whole or in Part, 1/ We hereby agree to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto and of the Notice Inviting Tender, or in default thereof, to forfeit and pay to the Vice-Chancellor, M.L.S.U. or his successors in office, the sum of money mentioned in the said conditions.

A Sum of Rs. _____ is forwarded herewith in the form of Cash, Bank Draft and Bankers Cheques as Earnest Money. This amount of earnest money shall absolutely be forfeited to the University or his successor in office without prejudice to any other right or remedies of Vice-Chancellor, M.L.S.U. or his successor in his office, should I/We fail to commence the work specified in the above memorandum.

Signature of Witness
Witnesses address & occupation

Signature of Contractor
Address of Contractor

Date

I hereby accept the above tender on behalf of the Vice-Chancellor, M.L.S.U.,Udaipur.

Date:-

Conditions of Contract

Clause 1 : Security Deposit

The Security Deposit @ 10% of the gross amount of the running bill shall be deducted from each running bill and shall be refunded as per rules on completion of the contract as per terms and conditions. The earnest money deposited shall however be adjusted while deducting security deposit from the first running bill of the contractor. There will be no maximum limit of security deposit.

A contractor may however elect to furnish bank guarantee or any acceptable form of security for an amount equal to the full amount of security deposit @ 10% of the work order before or at the time of executing the agreement. In that case, earnest money may be refunded only after furnishing of the bank guarantee as above. During the execution for the work or after completion of the work also a contractor may replace the security deposit by furnishing bank guarantee for an equal amount. However, during execution of the work if cost of work exceeds as shown at the time of furnishing bank guarantee, balance security deposit shall be deducted from the Running Account Bills."

All compensation or other sums of money payable by the Contractor to M.L.S.U. under the terms of his contract may be deducted from or paid by the sale of a sufficient part of his Security Deposit, or from interest arising there from, or from any sums, which may be due or may become due to the Contractor by the M.L.S.U. on any account whatsoever, and in the event of his Security Deposit being reduced by reason of any such deduction or sale as aforesaid, the Contractor shall within ten days thereafter, make good in cash or Bank Guarantee of Nationalized /Scheduled Bank, as aforesaid, any sum or sums which may have been deducted from or raised by sale of his Security Deposit or any part thereof.

In case of Bank Guarantee of any Nationalized/Scheduled Bank is furnished by the Contractor to the University, as part of the Security Deposit and the bank goes into liquidation or, for any reason, is unable to make payment against the said bank Guarantee, the loss caused thereby shall fall on the Contractor and the contractor shall forthwith on demand, furnish additional security to the University to make good the deficit.

The liability or obligation of the bank under the Guarantee Bond shall not be affected or suspended by and dispute between the Officer In-Charge Electric Cell and the Contractor, and the payment, under the Guarantee Bond by the Bank to the M.L.S.U. shall not wait till disputes are decided. The bank shall pay the amount under the Guarantee, without any demur; merely on a demand from the University stating that the amount claimed is required to meet the recoveries due or likely to be due from the contractor. The demand, so made, shall be conclusive as regards to amount due and payable by the bank, under the guarantee limited to the amount specified in the Guarantee Bond. The guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

The Bank Guarantee shall remain valid up to the specified date unless extended on demand by the Engineer-in-Charge, which shall include the period of completion of the contract and the defect removal period as per terms of the Agreement. Bank's liability shall stand automatically discharged unless a claim in writing is lodged with the Bank within the period stated in the Bank Guarantee including the extended period. After satisfactory completion of the contract and clearance of all dues by the Contractor, the Officer In-Charge Electric Cell or duly authorized Engineer will discharge the Bank Guarantee after expiry of the original or the extended period, as the case may be. In case the date of expiry of the Bank Guarantee is a holiday, it will be deemed to expire on the close of the next working day.

M.L.S.U. is not concerned with any interest accruing to the Contractor on any form of Security (primary or collateral) lodged by him with the bank or any sums payable to sureties obtained by the Bank as counter guarantee to secure its own position. These will be the matters between the Bank and the Contractor.

Clause 2: Compensation for delay

The time allowed for carrying out the work, as entered in the tender, shall be strictly observed by the Contractor and shall be reckoned from the 10th day after the date of written order to commence the work given to the Contractor. If the contractor does not commence the work within the period specified in the work order, he shall stand liable for the forfeiture of the amount of Earnest Money and Security Deposit. Besides, appropriate action may be taken by the Engineer-in-Charge/competent authority to debar him from taking part in future tenders for a specified period or black list him. The work shall, throughout the stipulated period of completion of the contract be, proceeded with all due diligence, time

being essence of the contract, on the part of the Contractor. To ensure good progress during the execution of work, the contractor shall be bound, in all cases in which the time allowed for any work exceeds one month (save for special jobs), to complete 1/8th of the whole of the work before 1/4th of the whole time allowed under the contract has elapsed, 3/8th of the work before 1/2 of such time has elapsed and 3/4th of the work before 3/4 of such time has elapsed. If the contractor fails to complete the work in accordance with this time schedule in terms of cost in money, and delay in execution of work is attributable to the contractor, the contractor shall be liable to pay compensation to the University at every time span as below:-

A.	Time Span of full stipulated period	1/4th (____Days)	1/2th (____Days)	3/4th (____Days)	Full (____Days)
B	Work to be completed in terms of money,	1/8th (____Days)	3/8th (____Days)	3/4th (____Days)	Full (____Days)
C.	Compensation payable by the contractor for delay attributable to contractor at the stage of:	Delay up to one-fourth period of the prescribed time span 2.5% of the work remained unexecuted Delay exceeding one-fourth period but not exceeding half of the prescribed time span 5% of the work remained unexecuted. Delay exceeding half of the period but not exceeding three-fourth of the prescribed time span 7.5% of the work remained unexecuted. Delay exceeding three-fourth of the prescribed time span 10% of the work remained unexecuted.			

Note: - The compensation, levied as above, shall be recoverable from the Running Account Bill to be paid immediately after the concerned time span. Total compensation for delays shall- not exceed 10 percent of the total value of the work. In case delayed period over a particular span is split up and is jointly attributable to University and contractor, the competent authority may reduce the compensation in proportion of delay attributable to University over entire delayed period over that span after clubbing up the split delays attributable to University and this -reduce compensation would be applicable over the entire delayed period without paying any escalation.

Following illustration is given: - First time span is of 6 months, delays is of 30 days which is split over as under 5 days (attributable to University) + 5 days (attributable to contractor) + 5 days (attributable to University) + 5 days (attributable to contractor) 5. lays (attributable to University) + J days (attributable to contractor). Total delays is tints clubbed to 15 days (attributable to University) and 15 days (attributable to contractor). The normal compensation of 30 days as per clause 2 of agreement is 2.5% which can be reduced as 2.5% 15/ 30 1.25% over 30 days without any escalation by competent authority.

The contractor shall, further, be bound to carry out the work in accordance with the date and quantity entered in the progress statement attached to the tender.

In case the delay in execution of work is attributable to the contractor, the span wise compensation, as laid down in this clause shall be mandatory. However, in case the slow progress in one time span is covered up within original stipulated period, then the amount of such compensation levied earlier shall be refunded. The Price escalation, if any, admissible under clause 45 of conditions of Contract would be admissible only on such rates and cost of work, as would be admissible if work would have been carried out in that particular time span. The Engineer-in-Charge shall review the progress achieved in every time span, and grant stage wise extension in case of slow progress with compensation, if the delay is attributable to contractor, otherwise without compensation.

However, if for any special job, a time schedule has been submitted by the contractor before execution of the agreement, and it is entered in agreement as well as same has been accepted by the Engineer-in-charge, the contractor shall complete the work within the said time schedule. In the event of the contractor failing to comply with this condition, he shall be liable to pay compensation as prescribed in forgoing paragraph of this clause provided that the entire amount of compensation to be levied under the provisions of this Clause shall not exceed 10% of the value of the contract. While granting extension in time attributable to the University, reasons shall be recorded for each delay.

Clause 3: Risk & cost Clause

The Officer In-Charge Electric Cell or the competent Authority defined under rules may, without prejudice to his rights against the Contractor, in respect of any delay or inferior workmanship or otherwise, or to any claims for damages in respect of any breaches of the contract and without prejudice to any rights or remedies under any of the provisions of this contract or otherwise, and whether the date for completion has or has not elapsed, by notice in writing, absolutely determine the contract in any of the following cases :-

- (i) If Contractor having been given by the Engineer-in-charge, a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in any inefficient or otherwise improper or un-workmanlike manner, shall omit to comply with the requirements of such notice for a period of seven days, thereafter, or if the contractor shall delay or suspend the execution of the work so that either in the judgment of the Engineer-in-charge (which shall be final and binding) he will be unable to secure completion of the work by the date for completion or he has already failed to complete the work by that date,
- (ii) If the Contractor, being a company, shall pass a resolution or the Court shall make an order that the company shall be wound up or if receiver or a manager, on behalf of a creditor, shall be appointed or if circumstances shall arise, which entitle the Court or Creditor to appoint a receiver or a manager or which entitle the Court to make a winding up order.
- (iii) If the Contractor commits breach of any of the terms and conditions of this contract.
- (iv) If the contractor commits any acts mentioned in Clause 19 hereof. When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-charge on behalf of the Governor of Rajasthan shall have powers: -
 - (a) To determine or rescind the contract, as aforesaid (of which determination or rescission notice in writing to the Contractor under the hand of the Engineer-in-charge shall be conclusive evidence), upon such determination or rescission, the earnest money, full security deposit of the contract shall be liable to be forfeited and shall be absolutely at the disposal of University.
 - (b) To employ labour paid by the Department and to supply materials to carry out the work or any part of the work, debiting the Contractor with cost of the labour and the price of the materials (of the amount of which cost and price certified by the Engineer-in-charge shall be final and conclusive against the Contractor) and crediting him with the value of the work done in all respects in the same manner and at the same rates, as if it had been carried out by the Contractor under the terms of this contract. The certificate of the Divisional Officer, as to the value of the work done shall be final and conclusive evidence against the Contractor provided always that action under the sub-clause shall only be taken after giving notice in writing to the Contractor. Provided also that if the expenses incurred by the department are less than amount payable to the Contractor at his agreement rates, the difference shall not be paid to the Contractor.
 - (c) After giving notice to the Contractor to measure up the work of the contractor and to take such part thereof, as shall be unexecuted out of his hands and to give it to another Contractor to complete, in which case any expenses which may be incurred in excess of the sum which would have been paid to the original Contractor, if the whole work had been executed by him (of the amount of which excess, the certificate in writing of the Engineer-in-charge shall be final and conclusive) shall be borne and paid by the original Contractor and may be deducted from any money due to him by University under this contractor on any other account, whatsoever, or from his Earnest Money, Security Deposit, Enlistment Security or the proceeds of sales thereof, or a sufficient part thereof, as the case may be. In the event of any one or more of the above courses being adopted by the Engineer-in-Charge, the Contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of contract. And, in case action is taken under any of provisions aforesaid, the Contractor shall not be entitled to recover or be paid, any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-charge has certified, in writing, the performance of such work and the value payable in respect hereof, and he shall only be entitled to be paid the value so certified.

Clause 4 : Contractor remains liable to pay compensation, if action not taken under Clause 3

- (i) In any case in which any of the powers conferred by Clause 3 hereof, shall have become exercisable and the same shall have not been exercised, the non-exercise, thereof, shall not constitute waiver of any of the conditions hereof, and such power shall, not with standing, be exercisable in the event of any future case of default by the Contractor for which, by any clause or clauses hereof, he is declared liable to pay compensation amounting to the whole of his Security Deposit/Earnest Money/Enlistment security and the liability of the Contractor for past and future compensation shall remain unaffected.
Powers to take possession of or require removal, sale of Contractor's Plant.
- (ii) In the event of the Engineer-in-charge putting in force, powers vested in him under the preceding Clause 3 he may, if he so desires, take possession of all or any tools, plants, materials and stores, in or upon the works or the site, thereof, or belonging to the contractor or procured by him and intended to be used for the execution of the work or any part thereof, paying or allowing for the same in account, at the contract rates or, in case of these not being applicable, at current market rates, to be certified by the Officer In-Charge Electric Cell or duly authorized Engineer (whose certificate, thereof, shall be final and conclusive), otherwise the Engineer-in-charge may, by notice in writing to the contractor or his clerk of the works, foreman or other authorized agent, require him to remove such tools, plant, materials or stores from the premises (within a time to be specified in such notice), and in the event of the Contractor failing to comply with any requisition, the Officer In-Charge Electric Cell or other duly authorized Engineer may remove them at the Contractors expenses, sell them by auction or private sale on account of the Contractor and at his risk in all respects, and the certificate of the Officer In-Charge Electric Cell or other duly authorized engineer, as to the expense of any such removal, and the amount of the proceeds and expense of any such sale shall be final and conclusive against the Contractor.

Clause 5 : Extension of Time

If the Contractor shall desire an extension of time for completion of the work on the ground of his having been unavoidably hindered in its execution pr on any other grounds, he shall apply, in writing, to the Engineer-in-charge within

30 days of the date of the hindrance, on account of which he desires such extension as aforesaid, and the Authority Competent to grant extension under the rules/delegations of powers or other duly authorized Engineer shall, in his opinion (which shall be final) reasonable grounds be shown therefore authorize such extension of time, if any, as may, in his opinion, be necessary or proper, if the period of completion of contract expires before the expiry of the period of one month provided in this clause, the application for extension shall be made before the expiry of the period stipulated for completion of the contract. The competent authority shall grant such extension at each such occasion within a period of 30 days of receipt of application from contractor and shall not wait for finality of work. Such extensions shall be granted in accordance with provisions under clause (2) of this agreement.

Clause 5 A: Monthly Return of Extra Claims

Contractor has to submit a return every month for any work claimed as extra. The Contractor shall deliver the return in the office of the Officer In-Charge Electric Cell and obtain Receipt Number of the Receipt Register of the day on or before 10th day of every month during the continuance of the work covered by this contract, a return showing details of any work claimed as extra by the contractor which value shall be based upon the rates and prices mentioned in the contract or in the Schedule of Rates in force in the District for the time being. The contractor shall be deemed to have waived all claims, not included in such return, and will have no right to enforce any such claims not included, whatsoever be the circumstances.

Clause 6: Final Certificate

On completion of the work, the Contractor shall send a registered notice to the Engineer-in-charge giving the date of completion and sending a copy of it to the officer accepting the contract, on behalf of the Vice-Chancellor, M.L.S.U. and shall request the Engineer-in-charge to give him a certificate of completion, but no such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed from the site on which the work shall be executed, all scaffolding, surplus materials and rubbish and cleared off the dirt from all wood work, doors, walls, floors, or other parts of any building in, upon or about which the work is to be executed or of which he may have possession for the execution thereof, he had filled up the pits. If the contractor shall fail to comply with the requirements of this Clause as to removal of scaffolding, surplus materials, and rubbish and cleaning off dirt and filling of pits on or before the date fixed for completion of the work, the Engineer-in-charge may, at the expense of the contractor, remove such scaffolding, surplus materials, and the rubbish and dispose of the same, as he thinks fit, and clean off such dirt and fill the pits, as aforesaid, and the contractor shall forthwith pay the amount of all expenses, so incurred, and shall have no claim in respect of any such scaffolding or surplus materials, as aforesaid, except for any sum actually realized by the sale thereof. On completion, the work shall be measured by the Engineer-in-charge he or through his subordinates, whose measurements shall be binding and conclusive against the contractor. Provided that is subsequent to the taking of measurements by the subordinate as aforesaid, the Engineer-in-charge had reason to believe that the measurements taken by his subordinates are not correct, the Engineer-in-charge shall have the power to cancel the measurements already taken by his subordinates and acknowledged by the Contractor and to take measurements again, after giving reasonable notice to the Contractor and such re-measurements shall be binding on the Contractor.

Within ten/thirty days of the receipt of the notice, Engineer-in-charge shall inspect the work and if there is no visible defects on the face of the work, shall give the Contractor, a certificate of completion. If the Engineer-in-charge finds that the work has been fully completed, it shall be mentioned in the certificate so granted. If, on the other hand, it is found that there are certain visible defects to be removed, that the certificate to be granted by Engineer-in-charge shall specifically mention the details of the visible defects along with the estimate of the cost for removing these defects. The final certificate of work shall be given after the visible defects pointed out as above have been removed. *(Delete whichever is not applicable) (Ten days will apply to works at the headquarters of Engineer-in-charge and thirty days for works at other place.)*

Clause 7: Payment on Intermediate Certificate to be regarded as advance

No payments shall be made for works estimated to cost less than rupees twenty five thousand, till after the whole of the works shall have been completed and a certificate of completion given. But in the case of works estimated to cost more than Rupees twenty five thousand, the contractor shall on submitting the bill therefore, be entitled to receive a monthly payment proportionate to the part, thereof, then approved and passed by the Engineer-in-charge, whose certificate of such approval and passing of sum, so payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the requiring of bad unsound and imperfect or unskillful work to be removed and taken away and re-constructed or re-erected, or considered as an admission of the due performance of the contract, or any part thereof, in any respect, or the accruing of any claim, nor shall it conclude, determine, or effect in any way the powers of the Engineer-in-charge under these conditions or any of them to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract. The final bill shall be made/submitted by the Contractor within one month of the date fixed for completion of the work otherwise the Engineer-in-charge's certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties.

Clause 7A Time Limit for Payments of Final Bills

The final bill shall be paid within 3 months on presentation by the contractor after issuance of final completion certificate in accordance with clause 6 of the conditions of contract. If, there shall be any dispute about any item(s) of the work, then the undisputed item(s) only, shall be paid within the said period of 3 months. If a final bill (which contains no disputed item or disputed amount of any item) is not paid within the period of 3 months from presentation of final bill or 6 months from the date of receipt of registered notice regarding completion of work in accordance with clause 6 of the conditions of the contract, the defects, if any, shall be brought to the notice of the higher authority. The period of 3 months shall commence from the date of rectification of the defects. The higher authority shall ensure that in no case final bill should be left unpaid after 9 months from the receipt of registered notice regarding completion of work.. The contractor shall submit a memorandum of the disputed item along with justification in support within 30 days from the disallowance thereof, and if he fails to do so, his claims shall be deemed to have been fully waived and absolutely extinguished.

Clause 8: Bills to be submitted monthly

A bill shall be submitted by the Contractor each month on or before the date fixed by the Engineer-in-charge for all work executed in the previous month and the Engineer-in-charge shall take or cause to be taken the requisite measurement for the purpose of having the same verified and the claim, as far as admissible, authorized or paid, if possible, before the expiry of ten days from the presentation of the bill. If the Contractor does not submit the bill within the time fixed, as aforesaid, the Engineer-in-charge may depute a subordinate to measure up the said work in the presence of the contractor, whose signature in the Measurement Book will be sufficient warrant and the Engineer-in-Charge may prepare a bill from such measurement Book, which shall be binding on the Contractor in all respects.

Clause 8 A: Contractor to be given time to file objection to the Measurements recorded by the Department

Before taking any measurement of any work, as have been referred to in preceding Clauses 6,7 & 8 the Engineer-in-charge or a subordinate, deputed by him, shall give reasonable notice to the contractor. If the Contractor fails to be present at the time of taking measurements after such notice or fails to sign or to record the difference within a week from the date of measurement in the manner required by the Engineer-in-charge then in any such event, the measurements taken by the Engineer-in-charge or by the subordinates deputed by him as the case may be, shall be final and binding on the Contractor and the Contractor shall have no right to dispute the same.

Clause 8 B: Recovery of cost of preparation of Bill

In case of contractors of Class "A" & "AA" do not submit the bill within time fixed, the Engineer in charge may prepare the bill as per provision of Clause 8 of the conditions of Contract but deduction @ 0.50% of amount of such bills shall be made and credited to the General Revenue on account of preparation of bill..

Clause 9 : Bills to be on printed forms.

The Contractor shall submit all bills on the printed forms, to be had on application, at the office of the Engineer-in-charge and the charges in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of these conditions, and not mentioned or provided for in the tender, at the rates hereinafter provided for such work.

Clause 9 A : Payments of contractor's Bills to Banks

Payments due to the Contractor may if so desired by him, be made to his Bank instead of direct to him, provided that the contractor has furnished to the Engineer-in-charge (i) an authorization in the form of a legally valid document, such as a power of Attorney conferring authority on the Bank to receive payments, and (ii) his own acceptance of the correctness of the account made out, as being due to him, by University, or his signature on the bill or other claim preferred against University before settlement by the Engineer-in-charge of the account or claim, by payment to the bank. While the receipt given by such bank shall constitute a full and sufficient discharge for the payment, the Contractor should, whenever possible, present his bill duly receipted and discharged through his Banker. Nothing, herein contained, shall operate to create in favour of the Bank any rights vis-a-vis the Vice-Chancellor, M.L.S.U.

Clause 10 : Stores supplied by University

If the specification or estimate of the work provides for the use of any special description of material, to be supplied from Engineer-in-charge's store, or if, it is required that contractor shall use certain stores to be provided by the Engineer-in-charge specified in the schedule or memorandum hereto annexed the Contractor shall be bound to procure and shall be supplied such materials and stores as are from time to time, required to be used by him for the purpose of the contract only, and the value of the full quantity of materials and stores, so supplied, at the rates specified in the said schedule or memorandum, may be set off or which may be deducted from any sum, then due or thereafter become due, to the contractor under the contract or otherwise or against or from the Security Deposit or the proceeds of sale, if the same is held in University securities, the same or a sufficient portion thereof being in this case, sold for this purpose. All materials supplied to the Contractor, either from departmental stores or with the assistance of University, shall remain the absolute property of University. The Contractor shall be the trustee of the Stores/Materials, so supplied/procured, and these shall not, on any account, be removed from the site of work and shall be, all times, open to inspection by the Engineer-in-charge. Any such material, unused and in perfectly good condition at the time of completion or determination or rescinding of the contract, shall be returned to the Divisional Officer's store, if, by a notice in writing under his hand, he shall so require, and if on service of such notice, the contractor fails to return the materials, so required, he shall be liable to pay the price of such materials in accordance with the provision of Clause 10 B *ibid*. But the Contractor shall not be entitled to return any such materials, unless with such consent, he shall have no claim for compensation on account of any such materials, so supplied to

him as aforesaid being unused by him, or for any wastage in or damage to any such materials. For the stores returned by the Contractor, he shall be paid for, at the price originally charged excluding storage charges, in case of materials supplied from departmental stores and actual cost including freight, cartage, taxes etc., paid by the Contractor, in case of supplies received with the assistance of University, which, however, should in no case exceed market rate prevailing at the time the materials are taken back. The decision of the Engineer-in-charge, as to the price of the stores returned, keeping in view its condition etc., shall be final and conclusive. In the event of breach of the aforesaid condition, the Contractor shall, addition to throwing himself open to account for contravention of the terms of the license or permit and/or for criminal breach of trust, pay to the University, all advantages or profits resulting, or which in the usual course, would result to him by reason of such breach, Provided that the Contractor shall, in no case be entitled to any compensation or damage on account of any delay in supply, of non-supply thereof, all or any such materials and stores.

Clause 10 A : Rejection of materials procured by the Contractor

The Engineer-in-charge shall have full powers to require the removal from the premises of all materials which in his opinion, are not in accordance with the specifications and, in case of default, the Engineer-in-charge shall be at liberty to employ other person(s) to remove the same without being answerable or accountable for any loss of damage, that may happen or arise to such materials to be substituted thereof, and in case of default, Engineer-in-charge may cause the same to be supplied and all costs, which may attend such removal and substitution, are to be born by the contractor.

Clause 10 B : Penal rate in case of excess consumption

The contractor shall also be charged for the materials consumed in excess of the requirements calculated on the basis of standard consumption approved by the department, at double of the issue rate including storage and supervision charges or market rate whichever is higher. A Material Supply and Consumption Statement, in prescribed Form RPWA 35A, shall be submitted with every Running Account Bill, distinguishing material supplied by the University and material procured by the Contractor himself. The recovery for such material shall be made from Running Account Bill next after the consumption and shall not be deferred. Certificate of such nature shall be given in each Running Account Bill.

Clause 10C: Hire of Plant and Machinery

Special plant and Machinery, required for execution of the work, may be issued to the contractor, if available, on the rates of hire charges and other terms and conditions as per departmental Rules, as per Schedule annexed to these conditions, Rates of such plant & machinery shall be got revised periodically so as to bring them at par with market rate.

Clause 11: Works to be executed in accordance with Specifications, Drawings, Order etc.

The contractor shall execute the whole and every part of the work in the most substantial and satisfactory manner, and both as regard materials and otherwise in every respect, in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the designs, drawing and instructions in writing relating to the work signed by the Engineer-in-Charge and lodged in his office, and to which the contractor shall be entitled to have access at such office, or on the site of the work for the purpose of inspection during office hours and the contractor, shall if he so requires, be entitled at, his own expense to make or cause to be made copies of specification, and of all such designs, drawings and instructions as aforesaid. A certificate of executing works as per approved design and specifications etc. shall be given on each Running Account Bill.

The specifications of work, material, methodology of execution, drawings and designs shall be signed by the Contractor and Officer In-Charge Electric Cell while executing agreement while executing agreement and shall form part of agreement.

Clause 12 :

The Engineer-in-Charge shall have power to make any alterations, omissions or additions to or substitutions for the original specifications, drawings, designs and instructions, that may appear to him to be necessary during the progress of the work and the contractor shall carry out the work in accordance with any instructions which may be given to him in writing signed by the Engineer-in-Charge, and such alteration, omission, additions or substitutions shall not invalidate the contract and any altered or substituted additional work, which the contractor may be directed to do in the manner above specified, as part of the work, shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work. The time for the completion of work shall be extended in the proportion that the altered, additional or substituted work bears to the original contract work, and the certificate of the Engineer-in-Charge shall be conclusive as to such proportion. The rates for such addition, altered or substituted work under this clause shall be worked out in accordance with the following provisions in their respective order.

- (I) If the rates for the additional, altered or substituted work are specified in the contract for the work, the contractor is bound to carry out the additional, altered or substituted work at the same rates as are specified in the contract for the work.
- (II) If the rates for the additional, altered or substituted work are not specifically provided in the contract for the work, the such rates will be derived from the rates for a similar class of work as are specified in the contract for the work.
- (III) If the rates for the altered, additional or substituted work can not be determined in the manner specified in the sub-clauses (i) to (ii) above, then the rates for such composite work item shall be worked out on the basis of the concerned Schedule of Rates of the District/area specified above minus/plus the percentage which the total tendered amount bears to the estimated cost of the entire work put to tender. Provided always that if the rate for a particular part or parts of the item is not in the Schedule of Rates, the rate for such part or parts will be determined by the Engineer-in-Charge on the basis of the prevailing market rates when the work was done.
- (IV) If the rates for the altered, additional or substituted work item can not be determined in the manner specified in sub-clauses (i) to (iii) above, then the contractor shall within 7 days of the date of receipt of order to carry out the work, inform the Engineer-in Charge

of the rate which it is his intention to charge for such class of work supported by analysis of the rate or rates claimed and the Engineer-in-charge shall determine the rate or rates on the basis of prevailing market rates, and pay the contractor accordingly. However, the Engineer-in-Charge, by notice in writing, will be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner, as he may consider advisable. But under no circumstances, the contractor shall suspend the work on the plea of non-settlement of rates on items falling under the clause.

- (V) Excepted in case of items relating to foundations, provisions contained in sub-clauses (i) to (iv) above shall not apply to contract or substituted items as individually exceed the percentage set out in the tender documents under clause 12 A.
- (a) For the purpose of operation of clause 12(v) the following works shall be treated as work relating to foundations: -
- (b) For buildings, compound wall plinth level or 1.2 meters (4 ft.) above ground level whichever is lower, excluding items above flooring and D.P.C. but including base concrete below the floors.
- (c) For abutments, piers, retaining wall of culverts and bridges, walls of water reservoir and the bed of floor level.
- (d) For retaining walls, where floor levels is not determinate 1.2 meters above the average ground level or bed level.
- (e) For roads, all items of excavation and filing including treatment of sub base and soling work.
- (f) For water supply lines, sewer lines under ground storm water drains and similar work, all items of work below ground level except items of pipe work for proper masonry work.
- (g) For open storm water drains, all items of work except lining of drains.
- (h) Any other items of similar nature which Engineer-in-charge may decide relating to foundation.

The rate of any such work, except the items relating to foundations, which is in excess of the deviation limit shall be determined in accordance with the provisions contained in clause 12A.

Clause 12 A :

The quantum of additional work for each item shall not exceed 50% of the original quantity given in the agreement and the total value of additional work shall not exceed 20% of the total contract value unless otherwise mutually agreed by the Engineer-in-charge and the Contractor. This limit shall not be applicable on items relating to foundation work,-which shall be executed as per original rates or provision of clause 12 (i) to (iv).

In case of contract substituted items or additional items, which results in exceeding the deviation limit laid down in this clause except items relating to foundation work, which the contractor is required to do under clause 12 above, the contractor shall within 7 days from the receipt of order, claim revision of the rate supported by proper analysis in respect of such items for quantities in excess of the deviation limit notwithstanding the fact that the rates for such items exist in the tender for the main work or can be derived in accordance with the provision of sub clause (ii) of clause 12 and the Engineer-in-charge, may revise their rates having regard to the prevailing market rates and the contractor shall be paid in accordance with the rates so fixed. The Engineer-in-charge shall, however, be at liberty to cancel his order to carry out such increased quantities of work by giving notice in writing to the contractor and arrange to carry it out in such manner, as he may consider advisable. But under no circumstances the contractor shall suspend the work on the plea of non-settlement of rates of items failing under this Clause.

- All the provisions of the preceding paragraph shall equally apply to the decrease in rates of items for quantities in excess of the deviation limit notwithstanding the fact that the rates for such items exist in the tender for the main work or can be derived in accordance with the provisions of sub-clause (ii) of the preceding clause 12 and the Engineer-in-charge may revise such rates having regard to the prevailing market rates unless otherwise mutually agreed by the Engineer-in-charge and the contractor.

Clause 13 : No compensation for alterations in or restriction of work to be carried out.

If, at any time after the commencement of the work, the University shall, for any reason whatsoever, not require the whole work, thereof, as specified in the tender to be carried out, the Engineer-in-charge shall give notice, in writing of the fact to the Contractor, who shall have no claim to any payments or compensation, whatsoever, on account of any profit or advantage, which he might have derived from the execution of the work in full but which he did not derive in consequence of the full amount of the work not having been carried out. Neither, shall he have any claim for compensation, by reason of alterations having been made in the original specifications, drawings and design and instruction, which shall involve any curtailment of the work, as originally contemplated.

Provided, that the Contractor shall be paid the charges for the cartage only, of materials actually brought to the site of the work by him for bonafide use and rendered surplus as a result of the abandonment or curtailment of the work or any portion thereof, and taken them back by the Contractor provided, however, that the Engineer-in- charge shall have, an all such cases the option of taking over all or any such materials at their purchase price or at local market rates whichever may be less. In the case of such stores, having been issued from University Stores, charges recovered, including storage charges, shall be refunded after taking into consideration any deduction for claim on account of any deterioration or damage while in the custody of the contractor, and in this respect the decision of the Engineer-in-charge shall be final.

Clause 14 : Action and compensation payable in case of bad work

If, it shall appear to the Officer In-Charge Electric Cell or an authorized authority or the Engineer-in-Charge or his subordinates in-charge of the work, or to the committee of retired officers appointed by the University, for the purpose that any work has been executed with unsound, imperfect or unskillful workmanship, or with material of any inferior description, or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted, or otherwise not in accordance with contract, the Contractor shall on demand in writing from the Engineer-in-Charge, specifying the work/ materials or articles complained of, notwithstanding that the same may have been inadvertently passed, certified and paid for, will rectify or remove and reconstruct the work, so specified and provide other proper and suitable materials or articles, so specified, and provide other proper and suitable materials or articles, at his own

cost and in the event of his failing to do so, within a period to be specified by the Engineer-in-charge in his demand, as aforesaid, then the contractor shall be liable to pay compensation, at the rate of one percent, on the tendered amount of work for every week not exceeding ten percent, while his failure to do so shall continue, and in the cast of any such failure, the Engineer-in-charge may rectify or remove and re-execute the work or remove and replace with others, the materials or articles complained of as the case may be, at the risk and expense, in all respects of the contractor.

Clause 15 : Work to be open to inspection: contractor or his responsible Agent to be present

All work, under or in course of execution or executed in pursuance of the contract, shall, at all times. Be open to inspection and supervision of the Engineer-in-charge and his superior officers and his subordinates and an other authorized agency of the University and the Contractor shall, at all times during the usual working hours, and at all other times at which reasonable notice of the intention of the Engineer-in-charge or his subordinate and any other authorized agency of Government or committee of retired officers/officers appointed by the University for the purpose to visit the works shall have been given to the contractor either himself be present to receive orders and instructions pr have a responsible agent, duly accredited in writing, present for the purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent, duly accredited in writing, present for the purpose. Orders given to the Contractor's agent shall be considered to have the same force as if the had been given to the Contractor himself.

Clause 16 : Notice to be given before any work is covered up

The contractor shall give not less than five days notice in writing to the Engineer-in-Charge or his Subordinate-in-Charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured, and correct dimensions thereof be taken before the same is so covered up or replaced beyond the reach of measurement any work without the consent in writing of the Engineer-in Charge or his subordinate in-charge of the work. And if any work shall be covered up or placed beyond the reach of measurement without such notice having been given or consent obtained, the same shall be uncovered at the contractor's expense or in default thereof no payment or allowance shall be made for such work or for the materials which the same was executed.

Clause 17 : Contractor liable for damage done and for imperfections

If the contractor or his work people or servants shall break deface, injure or destroy any part of a building in which they may be working, or any building road, fence enclosure or grass land, or cultivated ground continued to the premises on which the work or any part of it, is being executed, or if any damage shall happen to the work while in progress, from any cause whatsoever or any imperfections become apparent in it within a period specified in clause 37 after a certificate final or otherwise of its completion shall have been given by the Engineer-in-Charge as aforesaid the contractor shall make the same good at his own expense or in default, the Engineer-in-Charge may cause the same to be made good by other workmen and deduct the expense (of which he certificate of the Engineer-in-Charge shall be final) from any sums that may be then, or at any time thereafter may become due to the contractor, or from his security deposit or the proceed of sale there-of or of a sufficient portion thereof.

Clause 18 : Contractor to supply Plant, Ladders, Scaffolding etc.

The contractor shall supply at his own cost all material (except such special material if any, as may in accordance with the contractor be supplied from the Engineer-in-Charge's store) plants, tools appliances, implements, ladders, cordage, tackle, scaffolding and temporary works requisite for the proper for the proper execution of the work whether original, altered, or substituted, and whether included in the specification or other documents forming part of the contract or referred to in these conditions or not, of which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied or which he is entitled to require together with carriage thereof to an from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of setting out work and counting, weighing an assisting in the measurement or examination at any time and from time to time of the work or materials, failing his so doing, the same may be provided by the Engineer-in-Charge at the expenses of the contractor, and the expenses may be deducted from any money due to the contractor under the contract, or from his Security deposit or the proceeds of sale thereof, or a sufficient portion thereof. The contractor shall also provide all necessary fencing and lights required to protect the public from accident and shall be bound to bear the expenses of defense of every suit, action or other proceeding at law, that may be brought by any person for injury sustained owing to neglect of the above precautions, and to pay any damages and costs, which may be awarded in any such suit action proceeding. To any such person or which may, with the consent of the contractor, be paid to compromise any claim by any such person.

Clause 19 : Work not be sub-let. Contract may be rescinded and Security Deposit Forfeited for sub-letting, bribing or if Contractor becomes insolvent.

The contract shall not be assigned or sublet without the written approval of the Officer In-Charge Electric Cell, and if the contractor shall assign or sublet his contract or attempt so to do or become insolvent or commence any insolvency proceedings or mark any composition with his creditors, or attempt so to do, or if any bribe, gratuity, gift, loan, requisite reward or advantage, pecuniary or otherwise, shall either, directly or indirectly, be given, promised or offered by the contractor or any of his servants or agents, to any public officer or person, in the employ of Government, in any way, relating to his office or employment, or if, any such officer or person shall become, in any way, directly or indirectly, interested in the contract, the Chief-Engineer may, thereupon, by notice, in writing, rescind the contract and the security deposit of the contractor shall thereupon stand forfeited and be absolutely at the disposal of Government, and the same consequences shall be ensure as if the contract had been rescinded under clause 3 hereof and in addition the contractor shall not be entitled to recover or be paid for any work, there for, actually performed under the contract.

Clause 20 : Sums payable by way of compensation to be considered as reasonable compensation without reference to actual loss.

All sums payable by way of compensation under an of these conditions shall be considered as reasonable compensation to be applied to the use of Government without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

Clause 21 : Changes in Constitution of firm

Where the Contractor is a partnership firm, the previous approval, in writing, of the Engineer-in-charge shall be obtained before any change is made in the constitution of the firm. Where the Contractor is an individual or a Hindu undivided family business concern, such approval, as aforesaid, shall likewise be obtained before the Contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the work thereby undertaken by the Contractor. If, previous approval, as aforesaid, is not obtained, the contract shall be deemed to have been assigned in contravention of Clause 19 hereof, and the same action may be taken, and the same consequences shall ensure, as provided in the said clause 19.

Clause 22 : Works to be under direction of Engineer-in-Charge

All the works to be executed under the contract, shall be executed under the direction and subject to the approval, in all respect, of the Officer In-Charge Electric Cell for the time being, who shall be entitled to direct, at what point or points, and in what manner, they are to be commenced, and from time to time, carried on.

Clause 23 : Standing committee for Settlement of Disputes

If any question, difference or objection, whatsoever shall arise in any way, in connection with or arising out of this instrument, or the meaning of operation of any part thereof, or the rights, duties or liabilities of either party then, save in so far, as the decision of any such matter, as herein before provided for and been so decided, every such matter constituting a total claim of Rs. 50,000/- or above, whether its decision has been otherwise provided for and whether it has been finally decided accordingly, or whether the contract should be terminated or has been rightly terminated, and as regards the rights or obligations of the parties, as the result of such termination, shall be referred for decision to the empowered Standing Committee, which would consist of the followings :-

- (i) The Chairman Building Sub-Committee, M.L.S.U.
- (ii) The Comptroller, M.L.S.U.
- (iii) The Legal Advisor, M.L.S.U.
- (iv) The Officer In-Charge Electric Cell (Member-Secretary)

The Officer In-Charge Electric Cell on receipt of application along with non-refundable prescribed fee,(the fee would be two percent of the amount in dispute, not exceeding Rs. One lac) from the contractor, shall refer the disputes to the committee, within a period of one month from the date of receipt of application.

Procedure and Application for referring cases for settlement by the Standing Committee shall be as given in Form RPWA 90.

Clause 23 A : Contractor to indemnify for infringement of Patent or design.

Contractor shall fully indemnify the Vice-Chancellor, M.L.S.U. against any action, claim or proceedings relating to infringement or use of any patent or design, or any alleged patent or design, rights, and shall pay any royalties, which may be payable in respect of any article or part thereof, include in the contract, in the event of any claims made under or action brought against University. In respect of any such matters as aforesaid, the Contractor shall be, immediately, noticed thereof, and the Contractor shall be at liberty, at his own expense, to settle any dispute or to conduct any litigation, that may arise there from provided that the Contractor shall not be liable to indemnify the Governor of Rajasthan, if the infringement of the patent or design or any alleged patent or design, right is the direct result of an order passed by the Engineer-in-charge in this behalf.

Clause 24: Imported Store articles to be obtained from Government.

The contractor shall obtain from the stores of the Engineer-in-charge, all imported store articles, which may be required for the work or any part thereof, or in making up articles required thereof, or in connection therewith, unless he has obtained permission writing, from the Engineer-in-charge, to obtain such stores and articles from else-where. The value of such stores and articles, as may be supplied to the Contractor by the Engineer-in-charge, will be debited to the contractor, in his account, at the rates shown in the schedule attached to the contract, and if they are not entered in the schedule, they will be debited at cost price, which for the purposes of this contract, shall include the cost of carriage and all other expenses whatsoever, which shall have been incurred in obtaining delivery of the same at the stores aforesaid plus storage charges.

Clause 25 : Lump-sums in estimates

When the estimate, on which a tender is made includes lump sums, in respect of parts of the work., the Contractor shall be entitled to payment in respect of the item of work involved, or the part of the work in question at the same rates, as are payable under the contract for such items or if the part of the work in question is not, in the opinion of the Engineer-in-charge, capable of measurement, the Engineer-in-charge may at his discretion pay the lump sum amount entered in the estimate and the certificate in writing of the Engineer-in-charge shall be final and conclusive with regard to any sum or sums payable to him under the provisions of this clause.

Clause 26 : Action where no Specification

In case of any Class of work for which there is no such specification as is mentioned in Rule 1, such work shall be carried out in accordance with the detailed specification of the department and also in accordance with the instructions and requirement of the Engineer-in-charge.

Clause 27 : Definition of work

The expression 'work' or 'works' where used in conditions shall unless there be something either in subject or context repugnant to such construction be considered and taken to mean the works by or by virtue of the contract to be executed, whether temporary or permanent and whether original, altered, substituted or additional.

Clause 27 A :

The term " Engineer-in-Charge" means the Officer In-Charge Electric Cell, M.L.S.U. who shall supervise and be in charge of the work and who shall sign the contract on behalf of the Vice-Chancellor, M.L.S.U.

Clause 28 :

It cannot be guaranteed that the work will be started immediately after the tenders have been received. No claims for increase of rate will be entertained, if the orders for starting work are delayed.

Clause 29 : Payments at reduced rates on account of items of work not accepted and not completed to be at the discretion of the Engineer-in-charge

The rates for several items of work estimated to cost more than Rs. 1000/- agreed within will be valid only when the item concerned is accepted as having been completed fully in accordance with the sanctioned specifications. In case where the items of work are not accepted as so completed the Engineer-in-Charge may make payment on account of such items at such reduced rates as he may consider reasonable in preparation of final or on account bills, and his decision in the matter shall be final and binding.

Clause 29 A : Payments at part rates

The rates for several items of work may be paid at part rates" provisionally in running bills in proportion to the quantum of items executed at the discretion of Engineer-in-Charge. In case of item rates, if the rate quoted for certain items are very high in comparison to the average/overall tendered premium, then the payment at running stages shall not be made more than the average sanctioned premium. The deferred payment, will however be released after successful completion of the work.

Clause 30: Contractor's percentage, whether applied to net or gross amount of bills

The percentage referred to at page 2 of the tender will be deducted/added from/to the gross amount of bill before deducting the value of any stock issued.

Clause 31 : Contractor to adhere to labour laws/regulation

The contractor shall adhere to the requirements of the Workmen Compensation Act and labour legislation in force from time to time and be responsible for and shall pay any compensation to his workmen which would be payable for injuries under the Workmen's Compensation Act, hereinafter called the said Act. If such compensation is paid by the State as principal employer under sub section (1) of section 12 of the said Act. On behalf of the contractor, it shall be recoverable by the State from the contractor under sub-section (2) of the said section. Such compensation shall be recovered in the manner laid down in clause 1 of the conditions of contract.

Note:-All contractor with Government shall require registration of workers under the building & other construction workers (Registration of Employment & condition of Services) Act, 1996 and extension of benefit to such workers under the Act.

Clause 32 : Withdrawal of work from the Contractor

If the Engineer-in-Charge shall at any time, and for any reasons whatever, including inability to maintain prorata progress, think any portion of the work should not be executed or should be withdrawn from the contractor, he may by notice in writing to that effect, require the contractor not to execute the portion of the work specified in the notice or may withdraw from the contract the portion of work so specified and the contractor shall not be entitled to any compensation by reason of such portion of work having been withdrawn from him. The Engineer-in-charge may supplement the work by engaging another agency to execute such portion of the work at the cost of the original contractor, without prejudice to his rights under clause 2.. He shall also be competent to levy compensation for delay in progress. The recovery of excess cost shall be made from next available running bill or any other claim and shall not be deferred.

Clause 33 :

The contract includes clearance, leveling and dressing of site within a distance of 15 meters of the building on all side except where the building adjoins another building.

Clause 34 : Protect works

The contractor shall arrange to protect at his own cost in an adequate manner all cut stone work and other work requiring protection and to maintain such protection as long as work on the building is in progress. He shall remove and replace this protection as required by the Engineer-in-Charge from time to time. Any damage to the work so protected, no matter how it may be caused shall be made good by the contractor free of cost.

All templates, forms, moulds centering, false works and models, which in the opinion of the Engineer-in-charge, are necessary for the proper and workman like execution of the work shall be provided by the Contractor free of cost.

Clause 35 : Contractor liable for settlement of claims caused by his delays

If the progress of the work has fallen so much in arrears as to prevent other contractors on the work, from a carrying out their part of the work within the stipulated time, he will be liable for the settlement of any claim, put in by any of these contractors for the expenses of keeping their labour unemployed to the extent considered reasonable by the Engineer-in-charge.

Clause 36A :

The liability, if any, on account of quarry fees, royalties, octroi and any other taxes and duties in respect of materials actually consumed on public work, shall be borne by the Contractor.

Clause 36B :

The cost of all water connections, necessary for the execution of work, and the cost of water consumed and hire charges of meters and the cost of electricity consumed in connection with the execution of work, shall be paid by the contractor, except where otherwise specifically indicated.

Clause 36C : Payment of Sales Tax, and any other Taxes

The Contractor himself will pay royalty or other tax on materials issued in the process of fulfilling contract, payable to the Government under rules in force.

Clause 36 D :

In respect of goods and materials procured by the Contractor, for use in works under the contract, the Contractor himself will pay sales tax. But in respect of all such goods manufactured and supplied by the Contractor and works executed under the contract, the responsibility of payment of sales tax would be that of the Engineer-in-charge.

Clause 37 : Refund of Security Deposit.

The Security Deposit will be refunded after the expiry of the period, as prescribed below: -

- (a) In case of contracts relating to hiring of trucks and other T & P, transportation including loading, unloading of materials, and the amount of Security Deposit is refundable along with the final bill.

- (b) Supplies of material: As per provisions of the G.F. & A.R.
- (c) Ordinary repairs: 3 months after completion of the work provided the final bill has been paid.
- (d) Original works/special repairs: Security deposit will be refunded six months after completion, or expiry of one full rainy season, or after expiry defect liability period as defined in the special condition of agreement, whichever is later provided the final bill has been paid.
- (e) In case of PWD original works/special repair works costing more than Rs.10.00 lacs, partial amount of security deposit will be refunded during the defect liability @10% of SD amount after lapse of one year of completion and then after 10% of original amount of SD at the end of each subsequent year. The remaining amount of SD be refunded after the expiry of defect liability period.

Clause 38 : Fair Wage Clause

- (a) The Contractor shall pay not less than fair wages/minimum wages to labours engaged by him on the work as revised from time to time by the Government, but the University shall not be liable to pay any thing extra for it except as stipulated in price escalation clause (clause 45) of the agreement Explanation: "Fair Wage" means minimum wages for time or piecework, fixed or revised by the State Government under the Minimum Wages Act, 1948.
- (b) The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wages to labourers indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work as if the labourers have been immediately or directly employed by him.
- (c) In respect of all labourers, immediately or directly employed on the work, for the purpose of the Contractor's part of this agreement, the Contractor shall comply with or cause to be complied with the Public Works Department Contractor's labour Regulations made or that may be made by the Government from time to time in regard to payment of wages, wage period, deductions from wages, recovery of wages not paid and unauthorized deduction, maintenance of wages register, wage card, publication of scale or wages and other terms of employment, inspection and submission of periodic returns and other matters of like nature.
- (d) The Engineer-in-Charge shall have the right to deduct from the money due to the contractor, **any** sum required or estimated to **be** required for making good the loss suffered by a worker or workers by reasons of non-fulfillment of the conditions of **the** contract for the benefit of the worker or workers, non-payment of wages or of deductions made there from, which are not justified **by the terms** of the contract or as a result of non-observance of the aforesaid regulations.
- (e) Vis-a-vis the Government of Rajasthan, the contractor shall be primary liable for all payment **to be made and for the observance of** the regulations aforesaid without prejudice to his right to claim indemnity from his sub-contractors.
- (f) The regulations aforesaid shall be deemed to be part of this contract and any breach thereof shall be deemed to be **breach of the** contract.

Clause 39: Contractor to engage tech. staff

The contract shall to engage the tech. staff as follows on the contract works:-

- (a) For works costing Rs. 50 lacs and above One Graduate Engineer.
- (b) For works costing between Rs. 50 lacs to Rs. 15 lacs One qualified diploma holder having experience of not less than 3 yrs.
- (c) For works costing between Rs. 15 lacs and Rs. 50 lacs One Qualified diploma holder.

The technical staff should be available at site, whenever required by Engineer-in-charge to take instructions.

Clause 39A:

The Contractor shall comply with the provisions of the Apprenticeship Act, 1961, **and the Rules and Orders issued**, there under, from time to time, if he fails to do so, his failure will be a breach of contract. The **Contractor shall also be liable for any** pecuniary liability arising on account of any violation by **him** of the provisions of the said Act.

Clause 40: Safety Code

The contractor shall follow the safety code of the Public Works department strictly.

Clause 41: Near Relatives barred from tendering

The contractor shall not be permitted to tender for works in circle in which his near relative is posted as Divisional **Accountant** or as an officer in any capacity between the grades of the Superintending Engineer and Assistant Engineer (both inclusive). He **shall also** intimate the names of persons who are working with him in any capacity or are subsequently employed by him **and who are near relatives** to any Gazetted Officer in the Organization/Department. Any breach of the condition by the contractor **would render him liable** to remove from the approved list of contractors of the Department. If such facts is noticed (a) before sanction of **tender**, his **offer shall be** declared invalid and earnest money shall be forfeited, (b) after sanction of the tender then the tender sanctioning authority **may** at his discretion forfeit his earnest money, security deposit and enlistment deposit and the work/remaining work **may allot to any registered** contractor on the same rates as per rules.

Note By term 'near relative' is meant wife, husband, parents and grand parents, children and grand children, brothers **and** sister, **uncles** and cousins and their corresponding in-laws.

Clause 42: Retired Gazetted Officers barred for 2 years

No Engineer of Gazetted rank or other Gazetted officer employed in Engineering or administrative **duties** in **an Engineering** Department of the Government of Rajasthan/M.L.S.U. is allowed to work as a contractor for a period of 2 year of his **retirement from Government/M.L.S.U.** service without the previous permission of Government of Rajasthan/M.L.S.U. the contract is liable to be cancelled if either the contractor or **any** of his employee is found at any time to be such a person who had not obtained the permission of **Government/M.L.S.U. as aforesaid, before** submission of the tender or engagement in the contractor's service as the case may be.

Clause 43: Quality Control

The University shall have right to exercise proper quality control measures. **The contractor shall** provide all assistance to conduct such tests.

Clause 43 A:

The work (whether fully constructed or not) and all materials machines, tools and **plant, scaffolding, temporary buildings** and other things connected therewith, shall be at the risk of the contractor until the work has been delivered to **the Engineer-in-Charge**, and a certificate from him, to the effect obtained.

Clause 44: Death of Contractor

Without prejudice to any of the rights or remedies **under the contract**, if the contractor dies the legal heirs of the contractor, the Officer In-Charge Electric Cell or duly authorized Engineer shall have the option of **terminating the contract without** any compensation.

Clause 45: [Price Variation Clause – Not Applicable](#)

Clause 46: [Force Mejeure](#)

Neither party shall be liable to each other for any loss or damage occasioned by or arising out of acts of God such as unprecedented floods, volcanic eruptions, earthquake or other conclusion of nature and other acts.

Clause 47: [General Discrepancies and Errors](#)

In case of percentage rate tenders, if there is any typographical or clerical error in the rates shown by the department in the 'G' schedule the rates as given in the Basic Schedule of Rates of the Department for the area shall be taken as correct.

Clause 48: [Post payment Audit & Technical Examination](#)

The University shall have right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting voucher, abstracts, etc. to be made within 2 years after payment of the final bill and if as a result of such audit and technical examination any sum if found to have been over paid in respect of any work done by the contractor under the contract or any work claimed by him to have been done by him under the contract and found not to have been executed or executed below Specifications, the contractor shall be liable to refund the amount of over payment and it shall be lawful for Department to recover the same from him in the manner prescribed in clause 50 or in any other manner legally permissible and if is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under-payment shall be duly paid by the University to the contractor.

Clause 48 A: [Pre check or Post Check of Bills](#)

The University shall have right to provide a system of pre-check of contractor's bills by a specified Organization, and payment by an Engineer or an Accounts Officer/Sr. Accounts Officer/University Accounts Officer/ Financial Advisor, as the University may in its absolute discretion prescribe. Any over payments/excess payments detected, as a result of such pre-check or post check of Contractor's bills can be recovered from the contractor's bills, in the manner, herein before provided and the contractor will refund such over/excess payments.

Clause 48 B: [Check Measurements](#)

The department reserves to itself, the right to prescribe a scale of check measurement of work, in general, or specific scale for specific works, or by other special orders (about which the decision of the department shall be final). Checking of measurement by superior officer shall supersede measurements by the subordinate officer, and the former will become the basis of the payment. Any over/excess payments detected, as a result of such check measurement or otherwise at any stage up to the date of completion and the defect removal period specified else-where in this contract, shall be recoverable from the Contractor, as any other dues payable to the University.

Clause 49: [Dismantled materials](#)

The contractor in course of the work should understand that all materials e.g. stone bricks/steels and other material obtainable in the work by dismantling etc. will be considered as the property of the University and will be disposed off to the best advantage of the University as per direction of the Engineer-in-Charge.

Clause 50: [Recovery from Contractors](#)

Whenever any claim against the contractor for the payment of a sum of money arises out of or under the contract, the Department shall be entitled to recover such sum by appropriating, in part or whole of the Security Deposit, Security Deposit at the time of the enlistment of the Contractor. In the event of security being insufficient or if no security has been taken then the balance or the total sum recoverable as the case may be, shall be deducted from any sum then due or which at any time there after may become due to the contractor, under this or any other contract with the University Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to the Department on demand the balance remaining due. The department shall further have the right to affect such recoveries under Public Demands Recovery Act.

Clause 51: [Jurisdiction & Court](#)

In the event of any dispute arising between the parties hereto in respect of any of the matters comprised in this agreement, the same shall be settled by a competent court having jurisdiction over the place where agreement is executed i.e. Udaipur and no other court, after completion of proceedings under clause of this Contract.

Clause 52: [Additional Performance Guarantee](#)

If the difference in the rate quoted by the lowest bidder with respect the rate analysis based on current market rate is more than 10% then the bid shall be considered as "Unbalanced bid" in that case an "Additional performance guarantee" equal to the difference between the amount of the rate analysis and the amount of lowest bid- shall be taken from the bidder.

ANNEXURE TO APPENDIX XI

RAJASTHAN PUBLIC WORKS DEPARTMENT CONTRACTORS LABOUR REGULATIONS

1. **Short title:** These regulations may be called "The Rajasthan public Works Department contractor's labour Regulations".
2. **Definition:** In these regulations unless otherwise expressed or indicated, the following words and expressions shall have the meaning hereby assigned to them respectively, that is to say: -
 - (i) "**Labour**" means workers employed by a Rajasthan P.W. Department contractor directly, or indirectly through a sub-contractor or other person or by an agent on his behalf,
 - (ii) "**Fair Wage**" means minimum wages for time or piecework fixed or revised by the State Government under the Minimum Wages Act, 1948.
 - (iii) "**Contractor**" shall include every person whether sub-contractor or headman or Agent employing labour on the work taken on contract,
 - (iv) "**Wages**" shall have the same meaning as defined in the payment of Wages Act and includes time and piece rate wages.
3. **Display of Notice regarding wages etc:**

The contractor shall (a) before he commences his work on contract, display and correctly maintain and continue to display and in conspicuous places on the work notices in English and the correctly maintain in Hindi, by the majority of the workers giving the rate of wages which have been certified by the Officer In-Charge Electric Cell or Labour Commissioner, as fair wages and the hours of works for which such wages are earned, and (b) send a copy of such notices to the Certifying Officers.
4. **Payment of Wages:**
 - (i) Wages due to every worker shall be paid to him direct.
 - (ii) All wages shall be paid in current coin or currency or in both.
5. **Fixation of wage periods:**
 - (i) The contractor shall fix the wage periods in respect of which the wages shall be payable.
 - (ii) No wage period shall exceed one month.
 - (iii) Wages of every workman employed on the contract shall be paid before the expiry often days after the last day of the wage period in respect of which the wages are payable,
 - (iv) When the employment of any worker is terminated by or on behalf of the contractor, the wages earned by him shall be paid before the expiry of the day succeeding the one on which his employment is terminated,
 - (v) All payments of the wages shall be made on a working day except when the work is completed before the expiry of the wage period, in which case, final payments shall be made within 48 hours of the last working day.

Note: The term "working day" means a day on which the labour is employed in progress.
6. **Wage book and Wage Slips etc.:**
 - (i) The contractor shall maintain a Wage Book of each worker in such form as may be convenient but the same shall include the following particulars: -
 - (a) Rate of daily or monthly wages.
 - (b) Nature of work on which employed.
 - (c) Total number of days worked during each wage period.
 - (d) Total amount payable for the work during each wage period.
 - (e) All deductions made from the wages with an indication in each case of the ground for which the deduction is made.
 - (f) Wages actually paid for each wage period.
 - (i) The Contractor shall also maintain a wage-slip for each worker employed on the work.
 - (ii) The Executive Engineer may grant an exemption from the maintenance of the wage books and wages slips to a contractor who, in his opinion, may not directly or indirectly employ more than 50 persons on the work.
7. **Fines and deductions which may be made from wages:**
 - (i) The wages of a worker shall be paid to him without any deductions of any kind except those authorized namely the following:-
 - (e) Fines
 - (f) Deduction for absence from duly i.e. from the place or places where, by the terms of his employment, he is required to work. The amount of deduction shall be in proportion to the period for which he was absent.
 - (g) Deductions for damages to or loss of goods expressly entrusted to the employed person for custody or loss or any other deductions of money, which he is required to account where such damages or losses are directly attributable to his neglect or default.
 - (i)(a) The Rajasthan Government/M.L.S.U. may from time to time, allow deductions other than those specified in clause (i) above
 - (ii) No fines shall be imposed on a worker and no deductions for damage or loss shall be made until worker has been given an opportunity of showing cause against each fine or deductions,
 - (iii) The total amount of fines, which may be imposed in any one-wage period on a worker, shall not exceed an amount equal to three paise in rupee of the wage payable to him in respect of that wage period,
 - (iv) No fine imposed on any worker shall be recovered from him by installments or after the expiry of 60 days from the date on which it was imposed.
8. **Register of fines etc.:** The contractor shall maintain a register of fines and of all deductions for damage or loss. Such register shall mention the reasons for which fine was imposed or deduction for damage or loss was made. The Contractor shall maintain both in English and local Indian Language, a list approved by the Labour commissioner clearly stating the acts and omission for which penalty of fine may be imposed on a workman and display it in a good condition in a conspicuous place on the work.
9. **Preservation of Register:** The wage register the wage card and the register of fines deductions required to be maintained under these regulations, shall be preserved for 12 months after the date of the 1st entry made in them.
10. **Powers of Labour Welfare Officer to make investigation of enquiry:** The Labour Welfare Officer or any other person, authorized by the State Government on their behalf, shall have power to make enquiries with a view to ascertaining and enforcing due and proper observance of the fair wage clauses and provisions of the regulations. He shall, investigate into any complaint regarding default made by the Contractor or Sub-contractor in regard to such provisions.

11. **Report of Labour Welfare Officer:** The Labour Welfare Officer or other person, authorized aforesaid, shall submit a report of the result of his investigation or enquiry to the Executive Engineer concerned indicating the extent, if any, to which the default has been committed with a note that necessary deductions from the contractors bill be made and the wage and other dues be paid to the labour concerned. In case contractor under clause 12 of these regulations makes an appeal, the Executive Engineer will make actual payment to Labours after the Labour commissioner had given decision on such appeal.
12. **Appeal against the decision of labour Welfare Officers:** Any person aggrieved by he decision and recommendation of the Labour Welfare Officer or other persons, so authorized, may appeal against such decision to the labour Commissioner within 30 days from the date of decision forwarding simultaneously a copy of his appeal to Executive Engineer concerned but subject to such appeal the decision of the Officer shall be final and binding upon the contractor.
- 12A. No party shall be allowed to be represented by a lawyer during any investigation enquiry, appeal or any other proceedings.
13. **Inspection of Wage Books and Slips:** The Contractor shall allow inspection of the wage books and wage slips and register of fines and deductions to any of his workers or to his agent at a convenient time and place after due notice is received or to the labour Welfare officer or any other person authorized by the State Government on his behalf.
14. **Submission of Returns:** The Contractor shall submit periodical returns as may be specified from time to time.
15. **Amendments:** The State Government may, from time to time, add to or amend these regulations and on any questions as to the application, interpretational effect of these regulations, the decision of the Labour Commissioner to the Government of Rajasthan or any other person authorized by the State government in that behalf shall be final.

SCHEDULE OF FAIR WAGE TO BE GIVEN BY EXECUTIVE ENGINEER
LIST OF FACTS AND COMMISSION FOR WHICH FINE CAN BE IMPOSED

1. Willful insubordination or disobedience whether alone or in combination with another.
 1. The fraud or dishonestly in connection with the contractor's business or property of the Rajasthan P.W.D.
 2. Taking or giving bribes or any illegal gratification.
 3. Habitual late attendance.
 4. Drunkenness, fighting, riot or disorderly or indecent behavior.
 5. Habitual negligence.
 6. Smoking near or around the area where combustible or other materials are stocked.
 7. Habitual indiscipline.
 8. Casing damages work in progress or to property of the Rajasthan P.W.D. or the contractor.
 9. Sleeping on duty.
 10. Malingering or sowing down work.
 11. Giving of false information regarding name, age, and father's name.
 12. Habitual loss of wage cards supplied by the employers.
 13. Un-authorized use of employer's property or manufacturing or making of un-authorized articles at the work places.
 14. Bad workmanship in construction and maintenance by skilled workers, which is not approved by the department and for which contractors are compelled to undertake rectification.
 15. Making false complaints and/or misleading statement.
 16. Engaging in trade within the premises of the establishment.
 17. Any delinquency of business affairs of the employers.
 18. Collection or canvassing for the collection of any money within the premises of an establishment unless authorized by the employer.
 19. Holding meeting inside the premises without previous sanction of the employer.
 20. Threatening or intimidating any workman or employee during the working hours within the premises.

SCHEDULE OF MATERIALS TO BE SUPPLIED BY THE DEPARTMENT, IF AVAILABLE

(Referred to in Clause 10)

S.No.	Particulars	Quantity	Rates		Place of Delivery
			Unit	Rupees	
			----- NA -----		

SCHEDULE OF MACHINERY/T&P TO BE SUPPLIED BY THE DEPARTMENT

The following Machinery/T&P shall be supplied by the Department, if available, to the Contractor on hire as per "Rules of the Department for supply for machinery and T&P to the Contractors on hire" (Referred to in Clause 10 C)

S.No.	Item	Rate	Place of Delivery and return
			----- NA -----

Progress Statement referred on Clause 2 of Conditions of Contract

Name of Work	Date from which the work should be completed	Date from which the work should be completed	Monthly rate of progress

The Contractor has been informed that this tender has been accepted.

**EXECUTIVE ENGINEER
M.L.S.U. Udaipur**

SIGNATURE OF CONTRACTOR

NOTES: - FOR FILLING IN THE PROGRESS STATEMENT FORM

- Columns of 2,3, and 4 must be initialed and dated by the contractor.
- Column 4 must be initialed and dated by the Officer In-Charge Electric Cell or other duly authorized Engineer also.
- The date in column 2 should correspond to the date on which the order to commence work is given to the contractor read with Clause 2 of the conditions of contract
- The date in column 3 must correspond to the period stated in Sub clause (e) of the memorandum below "Tender for works**".
- Column 4. This will ordinarily be worked out proportionately; this if Rs. 24,0000/- is the cost of the whole or portion of work tendered for, and six months period of completion, then the monthly rate of progress should be Rs. 4,000. If necessary, quantities may also be specified in this column at the discretion of the Officer In-Charge Electric Cell.
- The certificate as to intimation acceptance of tender printed at the foot of the form, must be signed and dated both by the Officer In-Charge Electric Cell or other duly authorized Engineer and the contractor.

Schedule showing (approximately) materials to be supplied from the Public Works Store for work contracted to be executed and the rates of which they are to be charged for

Particulars	Rates which the materials will be charged to the Contractor			Place of Delivery
	Unit	Rs.	NP.	
Doors, with Chowkhats				
_____do_____				
_____do_____				
Windows with Chowkhats				
_____do_____				
_____do_____				
Steel Shapes				
_____do_____				
_____do_____				
Bars Mild Steel				
Sheets plain, G.I. _____do_____				
corrugated G.I. fitting, Wire Belts				
Tower				
_____do_____				
Locks, Mortise				
do _____do _____Rim				
Hinges, Butt				
_____do_____				
Hinges, Spring				
Cement, Portland				

Note: The person or firm submitting the tender should see the rates in the above schedule are filled up by the Engineer Incharge on the issue of the form prior to the submission to the tender.

**EXECUTIVE ENGINEER
M.L.S.U. Udaipur**

SIGNATURE OF CONTRACTOR

Progress Statement referred to in Clause 3 of Conditions of Contract

Name of work	Date From which the work should be commenced	Date by which the work should be completed	Monthly rate of Progress
1	2	3	4

The contractor has been informed that his tender has been accepted.

NOTES FOR FILLING IN THE PROGRESS STATEMENT FORM ON THE LAST PAGE

- Columns of 2,3, and 4 must be initialed and dated by the contractor.
- Column 4 must be initialed and dated by the Officer In-Charge Electric Cell or other duly authorized Engineer also.
- The date in column 2 should correspond to the date on which the order to commence work is give to the contractor, specified in line3, clause2, page 3 of the "conditions of contract".
- The date in column 3 must correspond to the period stated in clause (f) page 2, of the tender.
- Column 4.This will ordinarily be worked out proportionately; thus if Rs. 24,000/- is the cost of the whole or portion of work tendered for, and six months period of completion, then the monthly rate of progress should be Rs. 4,000. If necessary, quantities may also be specified in this column at the discretion of the C E.
- The certificate as to intimation acceptance offender printed at the foot of the form, must be signed and dated both by the Officer In-Charge Electric Cell or other duly authorized Engineer and the contractor,

STATEMENT OF PAYMENTS & RECOVERIES TO BE ATTACHED WITH THE AGREEMENT OF WORKS

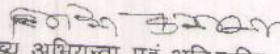
S.N. of Bill	Gross Amount - of Bill	Progressive Total Amount of Bills	Recoveries									Net Amount of Payment	C.B.R. Voucher No and Date	Dated initials of	
			Material T&P	Quantity Hours	Amount	S.D.	Income Tax Deduction	Sales Tax	Royalty J	Other Recoveries	Total Recoveries			-D.A.O.	E.E.
1	2	3	4(a)	4(b)	4(c)	4(d)	4(e)	4(f)	4(g)	4(h)	4(i)	5	6	7	8
		-													

कार्यालय मुख्य अभियन्ता, सार्वजनिक निर्माण विभाग, राजस्थान, जयपुर।
क्रमांक :- एफ.28(जन/विविध/अनु-3/डी-1999) दिनांक - 8-12-09

कार्यालय आदेश

सार्वजनिक निर्माण विभाग में प्राप्त हो रही निविदाओं की दरों का बाजार दरों के सदृश में आंकलन हेतु पूर्व में जारी आदेश क्रमांक एफ.28 (जन/विविध)/अनु-3/डी 1981 दिनांक 01.12.2009 में आंशिक संशोधन करते हुये यह निर्णय लिया जाता है कि विभाग में प्राप्त होने वाली रुपये 150 लाख व अधिक राशि की निविदाओं के साथ संवेदकों को रेट एनेलिसिस प्रस्तुत करना अनिवार्य होगा। अतः उक्त निर्णय की अनुपालना हेतु आवश्यक निर्देश सभी कार्यों के निविदा प्रपत्रों की Special Conditions में सम्मिलित किये जावें।

यह आदेश तुरन्त प्रभाव से लागू होंगे।


मुख्य अभियन्ता एवं अति.सचिव
सा.नि.वि. राजस्थान, जयपुर

क्रमांक :- एफ.28(जन/विविध/अनु-3/डी

दिनांक :-

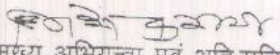
प्रतिलिपि निम्नांकित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. निजी सचिव, माननीय मंत्री महोदय, सा.नि.वि. राज. जयपुर।
2. प्रमुख शासन सचिव, सा.नि.वि. राजस्थान, जयपुर।
3. शासन सचिव, सा.नि.वि. राजस्थान, जयपुर।
4. मुख्य अभियन्ता(भवन)/एन.एच./पी.एम.जी.एस.वाई/एस.एस. सा.नि.वि. राजस्थान, जयपुर।
5. वित्तीय सलाहकार/मुख्य लेखाधिकारी(एन.एच.) सा.नि.वि. राजस्थान, जयपुर।
6. अतिरिक्त मुख्य अभियन्ता(समस्त)..... सा.नि.वि. राजस्थान, जयपुर।
7. अधीक्षण अभियन्ता, (समस्त)..... सा.नि.वि. राजस्थान, जयपुर।
8. अधिशासी अभियन्ता, (समस्त)..... सा.नि.वि. राजस्थान, जयपुर।

No 2978

Date: 9.12.09

Copy to S. E. P. W. D. Circle Bikaner,
Chittorgarh/Jaipur/Rajasthan/Pratapgarh


मुख्य अभियन्ता एवं अति.सचिव
सा.नि.वि. राजस्थान, जयपुर

GOVERNMENT OF RAJASTHAN
PUBLIC WORKS DEPARTMENT

No. CE(Bldg.)DLP.(Bldg. Works)/D- 268
ORDER

Dated 7/10/09

In pursuance of amendment made by Finance Department (G&T Division) GoR vide circular no. 43/2009 dated 15.09.09, in PWF & AR Part- I and II regarding refund of Security Deposit (copy enclosed), Modified Agreement Format shall be applicable for all Road, Building and Bridge/ CD works having cost more than Rs. 10.00 lacs in Public Works Department with immediate effect.

2. The Defect Liability Period (DLP) for
- (a) New Road/ Building/ Bridge/ CD works, Road widening, strengthening, up-gradation,
 - (b) Renewal and special repairs of roads and
 - (c) Special repair to Building/ Bridge/ CD works costing more than Rs. 10.00 lacs, shall be Five Years. Special conditions in the Contract Agreement to this effect shall be as per the Annexure '1' which shall be part of modified agreement / tender document.
3. For National Highway works, the condition issued form time to time by GoR/ Gol will remain applicable.
4. This bears the approval of Govt. vide I.D. No.1233 dated 7.7.2009.

Encl:- Special Conditions of Contract
& F.D. Circular


(D.C. KATARA)

Addl. Secy. & Chief Engineer, PWD

No. CE(Bldg.)DLP(Bldg. works)D-268 Dated 7.10.09
Copy to the following for kind information / necessary action please:-

1. P.S. to Addl. Chief Secretary to CM, Govt. of Rajasthan, Jaipur.
2. Principal Secretary to CM, Govt. of Rajasthan, Jaipur.
3. P.S. to the Hon'ble Minister, PWD, Govt. of Rajasthan, Jaipur.
4. P.S. to Minister, Rural Development & Panchyat Raj, Govt. of India, New Delhi.
5. P.S. to Minister of State, MoRTH, Govt. of India, New Delhi.
6. P.S. to the Chief Secretary, Govt. of Rajasthan, Jaipur.
7. Principal Secretary, F.D., Govt. of Rajasthan, Jaipur.
8. Principal Secretary/ Secretary, PWD, Govt. of Rajasthan, Jaipur

(2)

9. Principle Secretaries/ Secretaries to GoR (All) for circulation to Organizations under their control.
10. Commissioner, Rajasthan Housing Board/ Avas Vikas Sansthan, Jaipur.
11. Commissioner, JDA Jaipur/ JoDA Jodhpur/ JNN Jaipur
12. Managing Director, RICCO Jaipur.
13. Administrator Rajasthan State Agriculture Marketing Board Jaipur
14. Chief Engineer (NH), PWD, Rajasthan, Jaipur. Please get issued the separate orders for defect liability period for road works of NHs.
15. Chief Engineer (Building/PMGSY/SS), Public Works Department, Jaipur.
16. Managing Director, RSRDCC, Jaipur with the directions to implement DLP in Building/bridge/CD work and road works with immediate effect accordingly.
17. F.A. /CAO (NH), PWD, Raj, Jaipur.
18. Chief Engineer, RHSDP, Medical Department Rajasthan, Jaipur
19. Chief Engineer, DPEP, Education Department Rajasthan, Jaipur
20. Addl. Chief Engineer, PWD Zone.....(All)
21. Superintending Engineer, PWD, Circle.....(All).
22. TA-I/ SE (R)/ BOT/ TR/ PMGSY/ NH/ Buildings/ SS
23. Executive Engineers PWD, Div.....(All)
24. ACP/Section-II/Joint L.R./DDS

Copy also for kind information to :

1. Secretary, MoRTH, Govt. of India, New Delhi.
2. Secretary, Rural Development & Panchyat Raj, Govt. of India, New Delhi.
3. Chairman, National Highways Authority of India, New Delhi.


Addl. Secy. & Chief Engineer, PWD

Copy to:

1052
12/10/09

1. Additional Chief Engineer, PWD Zone, Udaipur (All) for information.
2. Superintending Engineer, PWD Circle, _____ (All) for information.

कार्यालय अभियन्ता

सा. नि. विभाग,-उदयपुर

आवक क्रमांक 1699 दिनांक 23/10/09

ऑडिटर स्थापना शाखा/


तकनीकी शाखा


O.A.O.S.


Sr.AO


TA


ACE.


12/10/09
SUPERINTENDING ENGINEER (NH)

GOVERNMENT OF RAJASTHAN
FINANCE DEPARTMENT
(G&T DIVISION)

No. F.2(4)FD/PWF&AR/99 Part-II

Jaipur, dated: 15.09.2009
Circular No.: 43/2009

ORDER

The Governor has been pleased to order that the following amendments shall be made in Public Works Financial & Accounts Rules:-

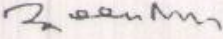
1. The existing Note 1 (d) of Rule 597 of PWF&AR Part-I shall be substituted as under :
“(d) Original works/special repairs works : Security deposit will be refunded six months after completion, or expiry of one full rainy season, or after expiry of defect liability period as decided by the concerned Administrative Department, whichever is later provided the final bill has been paid.”
2. After the Note 1 (d) as above, a new item (e) shall be added as under :-
“(e) In case of PWD original works/special repairs works costing more than Rs. 10.00 lacs, partial amount of Security Deposit will be refunded during the defect liability period @ 10% of SD amount after lapse of one year of completion and there after 10% of original amount of SD at the end of each subsequent year. The remaining amount of SD be refunded after the expiry of defect liability period.”
3. The existing Clause 37(d) of "Conditions of Contract" in Appendix XI of PWF&AR Part-II shall be substituted as under :-
“(d) Original works/special repairs works : Security deposit will be refunded six months after completion, or expiry of one full rainy season, or after expiry of defect liability period as defined in the special condition of agreement, whichever is later provided the final bill has been paid.”
4. After the Clause 37 (d) as above, a new item (e) shall be added as under :-
“(e) In case of PWD original works/special repairs works costing more than Rs. 10.00 lacs, partial amount of Security Deposit will be refunded during the defect liability period @ 10% of SD amount after lapse of one year of completion and there after 10% of original amount of SD at the end of each subsequent year. The remaining amount of SD be refunded after the expiry of defect liability period.”

By Order .


(G.D.V. JRS)
Officer on Special Duty

Copy forwarded for information and necessary action to the following:

1. The Accountant General (Audit/A&E) Rajasthan, Jaipur.
2. The Principal Secretary/Secretary, PWD/PHED/Irrigation/IGNP/CAD/Forest/Water Resources Department.
3. Chairman, RSBCC/RHB/Administrator, Agriculture Marketing Board.
4. The Area Development Commissioner, Bikaner/Kota.
5. The Chief Engineer, PWD/Irrigation/PHED/IGNP, Bikaner and Jaisalmer/CAD(IGNP) Bikaner/CAD(Chambal Kota/Mahi Project/Bisalpur Project/Sidhmukh Nohar Project/Hanumangarh(North)CE, PHED, (PMC Project) Churu.
6. All Sections of Finance Department.
7. Director, Treasury & Accounts/Inspection/Local Fund Audit Department, Vitta Bhawan, Jaipur.
8. The Financial Advisor/Chief Accounts Officer, RWSSMB/ PWD/Irrigation/PHED/IGNB/IGNP Bikaner/CAD(IGNP)/Sidhmukh Nohar Project/Hanumangarh/Bisalpur Project, Jaipur.
9. Admn.Reforms Department.
10. Guard File.


Sr.Accounts Officer

Special Conditions of Contract regarding Defect Liability Period for Roads, Buildings Bridges & C.D works costing more than Rs. 10.00 lacs

1. ROAD WORKS

- 1.1 The Defect Liability Period (DLP) for all Road/Bridge/C.D. works shall be Five years. Road/Bridge/C.D. works executed by the Contracting agency shall be maintained by them at their own cost for five years (DLP) from the date of completion of work as per the clause in the Agreement and Special Condition of Contract.
- 1.2 No extra payment shall be made to the Contracting agency on account of maintenance of Road/Bridge/C.D. works and removal of defects during Defect Liability Period.
- 1.3 The word "Road/Bridge/C.D. Works" means all new Road / Bridge/ C.D. Works construction, widening, strengthening, up-gradation, renewal and special repairs of roads and special repairs of bridge/C.D. works.
- 1.4 The word "Maintenance of Road /Bridge/C.D. Works during Defect Liability Period" means
 - (i) Routine maintenance of Road/ Bridge & C.D. Works and
 - (ii) To remove the defects as & when appear in part and entire structure of Road/ Bridge & C.D. Works, in specified time.
- 1.5 The contracting agency shall do the routine maintenance of Road/Bridge & C.D. Works, including pavement, road side and cross drains including surface drains to the required standards and keep the entire road surface and structure in Defect Free condition during the entire period of routine maintenance, which begins at completion of the construction work and ends after five years.
- 1.6 The routine maintenance shall consist of the routine maintenance operation defined in manual for maintenance of roads of MoRTH and shall be carried out accordingly.

1.7. The routine maintenance activities and their periodicity :

SN	Name of Item/ Activity	Frequency of operations in one year
1	Restoration of rain cuts and dressing of berms.	Once in a year, generally after rains (In case areas having heavy rainfall, as & when required).
2	Making up of shoulders.	As and when required.
3	Maintenance of Bituminous surface road and/ or gravel road/ WBM road including filling pot holes and patch repairs etc.	As and when required.
4	Maintenance of drains.	Twice (In case of hill roads, as and when required).
5	Maintenance of culverts and causeway	Twice (In case of hill roads, as and when required).
6	Maintenance of road signs.	Maintenance as and when required. Repainting once in every two years.
7	Maintenance of guardrails and parapet rails.	Maintenance as and when required. Repainting once in a year.
8	Maintenance of 200 m and Kilometer stones.	Maintenance as and when required. Repainting once in a year.
9	White washing guard stones.	Twice in a year.
10	Re- fixing displaced guard stones.	Once in a year.
11	Cutting of branches of trees, shrubs and trimming of grass and weeds etc.	Once , generally after rains (In case of areas having rainfall more than 1500 mm per year, as and when required).
12	White washing parapets of CD works	Once in a year.

(Signature)
 (Ska)

2. BUILDING WORKS

Civil works: -

- 2.1 Defect liability period for Civil works shall be 5-years reckoned from date of actual completion of the Building works. Generally, following defects are covered for 5-years D.L.P.
- 2.2 Surface cracks on R.C.C. work.
- 2.3 Cracks in masonry, walls, pillars, etc.
- 2.4 Dampness appeared on surface of wall, ceiling, floors, etc.
- 2.5 De-laminations and unevenness of surface.
- 2.6 Leakage, cracks in drainage system, dampness in sunk portions.
- 2.7 Defects in paint work, distempering, white-wash, etc. for example, unevenness in shade, peeling out, flakes on the surface, etc.
- 2.8 Cracks, settlement, unevenness, opening of joints in floorings.
- 2.9 Doors, Windows and Ventilators opening and closing are not smooth. Fittings & fixtures are not functioning smoothly.
- 2.10 Steel fabrication works not grinded properly and finished.
- 2.11 Leakage/chocking in pipelines, taps, valves, showers, wash basin, etc. Sanitary-ware fittings not functioning smoothly.
- 2.12 External services for storm water, sewerage, rain water harvesting system not functioning properly.

In addition to the above, any defects identified by the user and/or Engineer-in-charge shall be rectified by the contracting agency within notified period assigned by the Engineer-in-charge.

Electrical Works:-

- 2.13 The defect liability under DLP for 5-years shall be from the date of its completion of the work reckoned by the Engineer-in-charge.
- 2.14 The defects shall be in case of non-functioning of the following items: Internal and External wiring, panels, cables. LT installation from distribution board to end use points, MCBs, DBs, ELCBs, earthing, Switches, sockets, distribution panels, panel switchgears, panel instruments, panel MCBs, bus bars, cable trenching, Lugs, connecting wire and any other items specified under the contract.
- 2.15 Repair and Replacement – The items covered under defect liability period shall be replaced and/or repaired as directed by the Engineer-in-charge.
- 2.16 Time period for repair/replacement – The Engineer-in-charge soon after defect arises shall notify to the contracting agency and/or his authorized representative on phone and in writing for rectification of the defect within the prescribed period which may be in hours/days and depends on the gravity and severity of defect.
- 2.17 Consumable Articles – Consumable Articles like tube rods, CFL, Bulbs, HT fuses, Batteries, Gas filling will be replaced by the client department or user department at their own cost and arrangement.

Pr

2.18 Other items:

1. D.C set including fitting and fixtures.
2. Lifts and Escalators
3. Air cooling/ Air conditioning/ Heating System.
4. Fire fighting system.
5. CCTV, EPABX
6. Security system equipments.
7. Electric Motors Pumps.

In additions to the above items the engineer-in-charge may add more items as per the nature of work which seems to be covered under 5-year guarantee from the date of commissioning.

3. General

3.1 Inspection of works during Defect Liability Period:

3.1.1 The contracting agency shall undertake joint detailed inspection along with Engineer- in- charge/ A.En., at least once in three months in case of all Road/Bridge/C.D.works. The Engineer-in-charge can reduce this frequency in case of emergency. The Contracting agency shall forward to the Engineer-in-charge the record of inspection and rectification within 15 days after the joint inspection. The Contracting agency shall pay particular attention on those road sections, which are likely to be damaged during rainy season.

3.1.2 One register has to be maintained by every A.EN for recording the inspection details of works in his jurisdiction under defect liability period.

3.2 Conditions regarding Security Deposit

3.2.1 Security for DLP -

The contracting agency shall have to furnish security deposit in the form of Bank Guarantee for DLP as per requirements of clause 37 (e) of Contract Agreement, valid from the date of completion, which shall be assigned by the Engineer-in-Charge.

3.2.2 Forfeiture of SD -

In case contracting agency fails to rectify the defects within stipulated period notified to him by the Engineer-in-charge concerned under contact agreement, the Engineer-in-charge shall serve a final notice for 15 days time reckoned from the date of issue of notice to rectify the defects. In case the contracting agency not responding to the notice and fails in rectification of defects the Engineer-in-Charge will get the defects removed at the risk and cost of the contracting agency. Action such as encashment of Bank Guarantee and action under enlistment rules etc. shall also be taken against the contracting agency by the competent authority.

3.2.3 Force Majeure -

The defect arises due to earthquake, cyclone, and natural calamities shall not be the responsibility of contracting agency.

OFFICE OF THE CHIEF ENGINEER, P.W.D., RAJASTHAN, JAIPUR.

No. CE(Bldg)/DLP(Bldg Works)/D-

Date: .10.2012

Office order

In partial modification to the Order no. CE(Bldg)/DLP(Bldg Works)/D-837 dated 10.09.2012, the Defect Liability Period (DLP) for New Building works and Special Repair to Building works shall be **Three Years** for the defects pertaining to Building Structure and other civil works. Special conditions in the Contract Agreement to this effect shall be as per Annexure '1' which shall be part of the modified agreement / tender document.

This bears the approval of Govt. ID No. 1664/M/PWD/12 dated 09.10.2012. This order shall be effective from date of issue.

Encl:-Special Conditions of Contract

sd/-
(HAZARI LAL MEENA)
Chief Engineer Cum Addl. Secy.,
PWD, Rajasthan Jaipur

No. CE(Bldg)/DLP(Bldg Works)/D-

980

Date: 12.10.2012

Copy submitted/ forwarded to the following for information and necessary action:-

1. P.S. to Pr. Secretary to CM, Govt. of Rajasthan, Jaipur.
2. P.S. to Hon'ble Minister, PWD, Govt. of Rajasthan, Jaipur .
3. P.S. to Hon'ble State Minister, PWD, Govt. of Rajasthan, Jaipur
4. D.S. to Chief Secretary, Govt. of Rajasthan, Jaipur.
5. P.S. to Principal Secretary, F.D., Govt. of Rajasthan, Jaipur.
6. P.S. to Principal Secretary, PWD, Govt. of Rajasthan, Jaipur.
7. Pr.Secy./Secretaries to GoR (All) for circulation to Organizations under their control..
8. P.S. to Secretary, PWD, Govt. of Rajasthan, Jaipur
9. Commissioner, Rajasthan Housing Board/Avas Vikas Sansthan, Jaipur.
10. Commissioner JDA Jaipur/JoDA Jodhpur/JNN Jaipur.
11. Managing Director, RICCO Jaipur.
12. Administrator, RSAMB, Jaipur.
13. Chief Engineer----- (All).
14. Managing Director, RSRDCC Jaipur with the direction to implement DLP accordingly.
15. FA, PWD Rajasthan, Jaipur
16. Addl Chief Engineer PWD Zone _____ (All).
17. Chief Engineer, RHSDP, Medical Department Rajasthan, Jaipur.
18. Chief Engineer, DPEP, Education Department Rajasthan, Jaipur.
19. Superintending Engineer, PWD, Circle-.....(All).
20. TA-I/SE (Roads)/BOT/TR/PMGSY/NH/Buildings/SS.
21. Executive Engineer, PWD, Dn.-.....(All).
22. ACP/Section-II/Joint L.R./DDS.
23. President, Contractor Association, Jaipur.

12/10/12
(HAZARI LAL MEENA)
Chief Engineer Cum Addl. Secy.,
PWD, Rajasthan Jaipur

Special Conditions of contract regarding Defect Liability Period for Electrical works.

Electrical Works:-

1. The defect liability under DLP for 2 years shall be from the date of its completion of the works reckoned by the Engineer-in-charge.
2. The defect shall be in case of non-functioning of the following items:

Internal and External wiring, panels, cables, LT installation from distribution board to end use points, MCBs/DBs, ELCBs, earthing, Switches, sockets, distribution panels, panel switchgears, panel instruments, MCBs, bus bars, cable trenching, Lugs, connecting wire and any other items specified under the contract.

3. Repair and Replacement – The items covered under defect liability period shall be replaced and/or repaired as directed by the Engineer-in-charge.
4. Time period for repair/replacement – The Engineer in charge soon after defect arises shall notify to the contracting agency and/ or his authorized representative on phone and in writing for rectification of the defect within the prescribed period which may be in hours/days depends on the gravity and severity of defect.
5. Consumable Articles – Consumable Articles like tube rods, CFL, Bulbs, HT fuses, Batteries, Gas filling will be replaced by the client department or user department at their own cost and arrangement.
6. Other items:
 1. D.G. Set including fitting and fixtures.
 2. Lifts and Escalators.
 3. Air cooling/Air conditioning/Heating System.
 4. Fire fighting system.
 5. CCTV, EPABX
 6. Security system equipments.
 7. Electric Motors Pumps.

In additions to the above items the engineer-in-charge may add more items as per the nature of work which seems to be covered under 2 year guarantee from the date of commissioning.

GENERAL

1. Inspection of works during Defect Liability Period:

The contracting agency shall undertake joint detailed inspection along with Engineer-in-charge/AEn, at least once in three months in case of all Road/Bridge/C.D. works. The Engineer-in-charge can reduce this frequency in case of emergency. The Contraction agency shall forward to the Engineer-in-charge the record of inspection and rectification within 15 days after the joint inspection. The Contracting agency shall pay particular attention on those road sections, which are likely to be damaged during rainy season.

Once register has to be maintained by every AEn for recording the inspection details of works in his jurisdiction under defect liability period.

2. Conditions regarding Security Deposit

Security for DLP

The contracting agency shall have to furnish security deposit in the form of Bank Guarantee for DLP as per requirements of clause 37 (e) of Contract Agreement, valid from the date of completion, which shall be assigned by the Engineer-in-charge.

Forfeiture of SD

If case contraction agency fails to rectify the defects within stipulated period notified to him by the Engineer-in-charge concerned under contact agreement, the Engineer-in-charge shall serve a final notice for 15 days time from reckoned from the date of issue to rectify the defects. In case the contraction agency not responding to notice and fails in rectification of defects the Engineer-in-charge will get the defects removed at the risk and cost of the contracting agency. Action such as encashment of Bank Guarantee and action under elistment rules etc. shall be taken against the contraction agency by the competent authority.

Force Majeure

The defect arises due to earthquake, cyclone, and natural calamities shall not be the responsibility of contraction agency.



G-Schedule

Name of work:- Major Electrical Maintenance works of Non Residential and Residential Buildings at various places. (Rate Contract)

Issued to contractor:

Rates of the following items based on Electrical BSR 2013 is mentioned below.

S.No.	Particulars	Qty.	Unit	Rate @	Amount
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) of approved make on surface ISI marked (IS:14927 P - II) PVC casing capping & it's accessories, round tiles,18 SWG M.S. box with earth terminal, 6 A switch, 3.0 mm thick ISI marked phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required. Short point (upto 3 mtr.) Group-1	20	P.Point	194.00	3880.00
2	---do – Medium point (upto 6 mtr.)Group –1	30	P.Point	293.00	8790.00
3	...do... Long point (upto 10 mtr.)Group –1	50	P.Point	415.00	20750.00
4	Wiring of twin control light / fan / 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) of approved make on surface ISI marked (IS:14927 P - II) PVC casing capping & it's accessories, round tiles,18 SWG M.S. box with earth terminal, 6 A two way switch, 3.0 mm thick ISI marked phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required. Short point (upto 3 mtr.) Group-1	5	P.Point	197.00	985.00
5	---do – Medium point (upto 6 mtr.) Group-1	5	P.Point	297.00	1485.00

6	Wiring of 3 Pin 6 amp. Light plug point with 1.5 sq.mm. nominal size FR PVC insulated unsheathed 1.1 KV grade flexible copper conductor and 1.5 nominal size sq.mm. FR PVC insulated unsheathed 1.1 Kv grade copper earth conductor (IS: 694) of approved make on surface ISI marked PVC casing capping & it's 100accessories, 18 S.W.G. M.S. box with earth terminal, screwless cage connectors for neutral looping in switch Board & false ceiling point, 6A switch, 6 A socket, 3.0 mm thick phenolic laminated sheet, zinc plated/ brass screws, cup washers making connections, testing etc. as required On Board Group-1	50	P.Point	91.00	4550.00
7	...do... Medium point (upto 6 mtr.) Group –1	20	P.Point	326.00	6520.00
8	---do – Long point (upto 10 mtr.) Group-1	20	P.Point	442.00	8840.00
9	Wiring of twin control light 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) of approved make in surface / recessed ISI marked medium duty PVC conduit & it's accessories, round tles, Hot Dipped Galvanized M.S Modular box of 20 SWG with earth terminal,6 A two way Modular switch, Modular plate with grid plate, screws, making connections, testing etc. as required. Short point (up to 3 mtr.) Group-1	10	P. point	264.0	2640.00
10	...doMedium point (up to 6 mtr.) Group-1	10	P. point	381.0	3810.00
11	...doLong point (up to 10 mtr..) Group-1	10	P. point	514.0	5140.00
12	Wiring of 3 pin 5 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) of approved make in surface / recessed ISI marked medium duty PVC conduit & it's accessories, Hot Dipped Galvanized M.S Modular box of 20 SWG with earth terminal, 6 A modular switch, 6 A modular socket, Modular plate with grid plate, screws, making connections, testing etc. as required. On board Gr-1	10	P. point	244.0	2440.00
13	...doShort point (up to 3 mtr.) Group-1	10	P. point	339.0	3390.00
14	...doMedium point (up to 6 mtr.) Group-1	10	P. point	445.0	4450.00

15	P&F following size ISI (IS:14927 P-II) marked PVC casing capping & It's accessories like coupler, inner, outer, elbow square box, tee etc. with screws, PVC expansion fasteners as required 25mmx12mm. Group-1	100	P.Mtr.	28.00	2800.00
16	---do--- 32mmx12mm Group-1	100	P.Mtr.	34.00	3400.00
17	Wiring of light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm. nominal size FR PVC insulated unsheathed grade 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) of approved make in surface/recessed ISI marked medium duty PVC conduit & it's accessories, round tiles, 18 S.W.G. M.S. box with earth terminal screwless cage connectors of neutral looping in switch board & false ceiling point, 6A switch 3.0 mm thick phenolic laminated sheet, zinc plated/ brass screws, cup washers making connections, testing etc. as required short point (up to 3 mtr.) Group-1	30	P.Point	215.00	6450.00
18	---do--- Medium point (upto 6 mtr.)Group –1	75	P.Point	338.00	25350.00
19	---do--- Long point (upto 10 mtr.) Group-1	75	P.Point	474.00	35550.00
20	Wiring of twin control light point with 1.5 sq.mm. nominal size FR PVC insulated unsheathed grade 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) of approved make in surface/recessed ISI marked medium duty PVC conduit & it's accessories, round tiles, 18 S.W.G. M.S. box with earth terminal screwless cage connectors of neutral looping in switch board & false ceiling point, 6A 2 way switch 3.0 mm thick phenolic laminated sheet, zinc plated/ brass screws, cup washers making connections, testing etc. as required short point (upto 3 mtr.) Group-1	5	P.Point	219.00	1095.00
21	...do... Medium point (upto 6 mtr.)Group –1	2	P.Point	340.00	680.00
22	---do--- Long point (upto 10 mtr.) Group-1	2	P.Point	475.00	950.00

23	Wiring of 3 pin 5 amp. Light plug point with 1.5 sq.mm. nominal size FR PVC insulated unsheathed grade 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) of approved make in surface/recessed ISI marked medium duty PVC conduit & it's accessories, round tiles, 18 S.W.G. M.S. box with earth terminal screwless cage connectors of neutral looping in switch board & false ceiling point, 6A switch, 6 A socket 3.0 mm thick phenolic laminated sheet, zinc plated/ brass screws, cup washers making connections, testing etc. as required on board.Group-1	100	P.Point	90.00	9000.00
24	---do – Medium point (upto 6 mtr.) Group –2	30	P.Point	368.00	11040.00
25	---do – Long point (upto 10 mtr.) Group-1	30	P.Point	498.00	14940.00
26	S&F following sized (dia.) of ISI marked medium duty PVC conduit along with accessories in surface/ recessed using saddles, clamps, fastener as required including cutting the wall and making good the same as required 20mm Group-1	100	P.Point	32.00	3200.00
27	...do... as required 25mm Group-1	100	P.Mtr.	42.00	4200.00
28	---do--- 32mm Group-1	100	P.Mtr.	65.00	6500.00
29	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 KV grade and approved make in existing surface or recessed conduit/casing capping including making connections etc. as required 3x1.5 sq.mm. Group-1	100	P.Mtr.	40.00	4000.00
30	...do... 2x2.5sq. mm. + 1x1.5 sq.mm. Group-1	300	P.Mtr.	53.00	15900.00
31	...do... 2x4.0 sq. mm. + 1x2.5 sq.mm. Group-1	150	P.Mtr.	77.00	11550.00
32	---do--- 4x6.0 sq. mm. Group-1	100	P.Mtr.	176.00	17600.00
33	---do--- 1x2.5 sq. mm. Group-1	100	P.Mtr.	21.00	2100.00
34	---do--- 4x10 sq. mm. Group-1	100	P.Mtr.	305.00	30500.00
35	---do--- 2x6 sq. mm.+ 1x2.5 sq. mm.Group-1	200	P.Mtr.	109.00	21800.00
36	Supplying and drawing PVC/Polythene insulated and PVC sheathed unarmoured /armoured telephone cable with 0.5 mm. dia Tinned/annealed copper conductor taped & conforming to ITD specification S/WT-129 C of approved make in existing surface or recessed conduit/casing capping unarmoured 4 Pair. Group-1	50	P.Mtr.	21.00	1050.00
37	Wiring for sub mains ISI marked (IS:694) 1100 volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. support wire duly clipped etc. as required 10 sq.mm. Group-1	50	P.Mtr.	56.00	2800.00

38	Supplying and fixing of Power plug point accessories on 18 SWG metal box of size 175x100x60mm on surface or in recessed with suitable size phenolic laminated sheet cover including cost of 6 Pin 16 amp. Switch and socket outlet making connection, testing etc. as required Group-1	100	Each	235.00	23500.00
39	P/Laying ISI marked PVC insulated submersible cable confirming to IS: 694 with flexible copper conductor incld. Making connection etc. as required 4.00 sq.mm. 3 core flat/rouled Group-1	100	P.Mtr.	128.00	12800.00
40	P/Laying ISI marked PVC insulated submersible cable confirming to IS: 694 with flexible copper conductor incld. Making connection etc. as required 6.00 sq.mm. 3 core flat/rouled Group-1	100	P.Mtr.	188.00	18800.00
41	P&F paper phenolic resin bounded laminates confirming to IS: 2036-1995 for boxes/frames including making holes for switches etc. with brass screws, washers/ Zinc plated nut and bolts as required Bakelite sheet 9.00 mm thick. Group-1	1	P.Sqm.	1720.00	1720.00
42	...do... 6.4mm thick. Group-1	1	P.Sqm.	891.00	891.00
43	..do...- as required Synthetic phenolic resin bonded laminates confirming to IS:2046 of Group-1 3.00 mm thick Group-1	2	P.Sqm.	680.00	1360.00
44	P&F in position frame made out of M.S. angle (riveted or welded) finished with two coats of red oxide and enamel paint of following sizes as required 25mmx25mmx3 mm	20	P.Mtr.	77.00	1540.00
45	P&F in position frame made out of M.S. angle (riveted or welded) finished with two coats of red oxide and enamel paint of following sizes as required 35mmx35mmx5 mm	20	P.Mtr.	180.00	3600.00
46	P&F surface/recessed type 10mm thick Teak wood board duly antitermite treated, varnished and fixed by using gutties/PVC fasteners of following size as required 100mmx175mm. Group-1	5	Each	17.00	85.00
47	--- do -- 250mmx300mm	5	Each	36.00	180.00
48	P&F Phenolic laminated Sheet 2.00 mm thick of size 75mm dia including screws,cup washers as required. Group-1	50	Each	7.00	350.00
49	P&F 240/415 V AC with positive isolation MCB of breaking capacity not less than 10 KA (B/C/D tripping characteristic) ISI marked IS 8828(1996)/Conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as required Single Pole MCB 6 A to 32 A rating Group-1	50	Each	151.00	7550.00

50	P&F 240/415 V AC with positive isolation MCB of breaking capacity not less than 10 KA (B/C/D tripping characteristic) ISI marked IS 8828(1996)/Conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as required Double Pole MCB 6 A to 32 A rating Group-1	10	Each	401.00	4010.00
51	---do--- Four Pole M.C.B. 40 A to 63 A rating Group-1	10	Each	1378.00	13780.00
52	P&F 240/415 V Isolator Conforming to IS: 13947-III/IEC 60947-3 on existing board/sheets including making connections with lugs, testing etc. as required Four Pole Isolator 100 A rating Group-1	10	Each	746.00	7460.00
53	---do--- Four Pole Isolator 63 A Group-1	10	Each	631.00	6310.00
54	---do--- Double Pole Isolator 30/40 A Group-1	10	Each	298.00	2980.00
55	P&F Recessed/Surface mounting heavy duty horizontal type sheet steel Distribution board Phosphatised/Powder painted complete with suitable size copper bus bar, shorting link, neutral link, earth link and din bar conforming to IS 13032 & IS 8623 including making internal DB terminations with copper lugs, testing etc. as required double door (single phase) 12 way Gr-1	5	Each	1065.00	5325.00
56	--do— double door (single phase) 6 way Group-1	5	Each	860.00	4300.00
57	...do... double door (three phase) 4 way Group-1	5	Each	1565.00	7825.00
58	--do— double door (three phase) 8 way Group-1	5	Each	2480.00	12400.00
59	P&F flush/surface type enclosure for housing MCB/Isolator with Din rail including making connections with lugs, repairs etc. as required with sheet steel enclosure four way Group-1	5	Each	315.00	1575.00
60	...do.. Steel enclosure two way Gr-1	5	Each	290.00	1450.00
61	P&F metal clad industrial plug top & socket with pin and sleeve type contacts on porcelain/bakelite box in sheet steel enclosure (without MCB) making connections with lugs, testing etc. as required Three pin/Four pin 32 A Group-1	2	Each	850.00	1700.00
62	P&F ISI marked (IS: 3854) 6 amp. Flush type switch including cutting hole in tile and making connection testing etc. as required. Group-1	50	Each	19.00	950.00
63	---do--- 16 amp. Group-1	10	Each	47.00	470.00
64	P&F ISI marked (IS: 3854) bell push surface type including making connection testing etc. as required Group-1	5	Each	20.00	100.00
65	P&F ISI marked 6 amp. bakelite batten/angle holder including making connection testing etc. as required. Group-1	20	Each	20.00	400.00

66	P&F ISI marked (IS: 1293) 3 pin 6 amp. Flush type socket including cutting hole in tile and making connection testing etc. as required. Gr-1	10	Each	20.00	200.00
67	--do--3/6 pin 16 amp. --do--	10	Each	52.00	520.00
68	P&F IS: 371 6 amp. surface type ceiling rose including making connection testing etc. as required. Group-1	20	Each	18.00	360.00
69	P&F ISI marked 6 amp. Bakelite unbreakable 3 pin plug top including making connection testing etc. as required. Group-1	10	Each	30.00	300.00
70	---do--- 16 amp.---do--- Group-1	10	Each	45.00	450.00
71	P&F ISI marked flush type 120/280 watt rotary 5 step fan regulator including making connection testing etc. as required. Group-1 socket size	20	Each	210.00	4200.00
72	P&F ISI marked 32 A D.P. Switch with fuse and indicating lamp including making connection testing etc. as required. Group-1	5	Each	95.00	475.00
73	P&F ISI marked flush/ surface type buzzer including making connection testing etc. as required. Group-1	5	Each	50.00	250.00
74	P&F ISI marked single tone electronic call bell including call bell including making connection testing etc. as required. Group-1	5	Each	225.00	1125.00
75	SITC of quick make and quick break 4 POLE current limiting MCCB having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings and conforming to IS 13947-2 / IEC 60947-2 with front face and centralized adjustable , line load interchangeability, having positive isolation capability, provision for UVR, Shunt trip, earth fault trip, push (test) to trip, including making connections with lugs/spreaders etc. as required with thermal magnetic release 250 Amp., 35 kA, adjustable O/L & adjustable S/C setting lccs = 100% lcu. Group-1	2	Each	18989.00	37978.00
76	..do... 200 Amp , 25/35 ka, kA, adjustable O/L & adjustable S/C setting lccs = 100% lcu. Group-1	2	Each	16210.00	32420.00
77	...do... 125 Amp., 25 kA, adjustable O/L & adjustable S/C setting lccs = 100% lcu. Group-1	2	Each	7800.00	15600.00
78	...do... 100 Amp., 25 kA, adjustable O/L & adjustable S/C setting lccs = 100% lcu. Group-1	4	Each	6341.00	25364.00
79	P&F TP&N 415 V Sheet steel powder coated HBC cum rewirable switch fuse unit with porcelain Kit-Kat & neutral link and confirming to IS13947 P-I&III and making connections with lugs testing etc. as required 100 Amp. Rating group-1	2	Each	5432.00	10864.00

80	P&F TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure confirming to IS13947 P-I&III and IS4064 (W/O HBC fuse) including making connections with suitable lugs testing etc. as required.300/320 Amp. Rating group-1	1	Each	11130.00	11130.00
81	P&F on load change over switch, front handle operated, four pole 415 V confirming to IS: 13947 P-III including connections, testing etc. as required in the following rating with sheet steel enclosure 250 A group-1	1	Each	14284.00	14284.00
82	SITC of Four Pole By pass Change Over Switch conforming to IS:13947(Part 3) : IEC:60947-3-1 and IEC:60947-6-1, Open execution type in the following ratings 250 A Gr.I	1	Each	17440.00	17440.00
83	Supplying and making end termination with heavy Copper lugs (Pin / ring type) duly crimped with crimping tool, PVC tape etc of following size 10 sq.mm. Group-1	10	Each	12.00	120.00
84	...do.. 16 sq.mm. Group-1	10	Each	14.00	140.00
85	...do.. 70 sq.mm. Group-1	10	Each	45.00	450.00
86	...do.. 120 sq.mm. Group-1	5	Each	68.00	340.00
87	...do.. 240 sq.mm. Group-1	5	Each	190.00	950.00
88	P/Laying XLPE/ PVC insulated & PVC sheathed cable of 1.1 KV grade with aluminium conductor of IS:7098-1/1554 P-I of Group 1 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, IInd class bricks covering, refilling earth, compaction of earth, making necessary connection of earth, making necessary connection testing etc. as required of size 16 sq. mm. 4 core (armoured) Group-1	20	P.Mtr.	178.00	3560.00
89	...do....50 sq.mm. 3.5 core (armoured) group-1	20	P.Mtr.	299.00	5980.00
90	--do-- 95 sq. mm. 3.5 core (armoured) group 1	20	P.Mtr.	523.00	10460.00
91	...do....120 sq.mm. 3.5 core (armoured) group-1	20	P.Mtr.	636.00	12720.00
92	...do....25 sq.mm. 4 core (armoured) group-1	20	P.Mtr.	222.00	4440.00
93	Supplying and making one end termination with heavy duty single compression brass gland SIBG type, copper lugs duly crimped with crimping too, PVC tape etc. for following size of Armoured PVC insulated & PVC sheathed/XLPE copper conductor cable of 1100 volt grade as required of size 3.5 x 185.0 sq. mm. Brass compression gland.	5	P.Set	690.00	3450.00

94	P&F bus bar chamber made out of aluminium or wrought aluminium alloy suitable for 100 amp. capacity housed in sheet metal box made out from 1.2mm MS sheet front openable, bus bar fixed on insulators at approved spacing including making connections etc. as required 1500mm long 4 strip Gr-1	1	Each	1480.00	1480.00
95	P&F following size copper bus bar on insulators at approved spacing in existing panel/bus bar chamber including making hole etc. as required 25x5mm Group-1	5	P.Mtr.	670.00	3350.00
96	Plate earthing as per IS: 3043 with copper earth plate of size 600mmx600mmx3.0mm by embodying 3 to 4 mtr. Below the ground level with 20mm dia. G.I. 'B' class watering pipe including all accessories like nut, bolts, reducer, nipple, wire meshed funnel and C.C. finished chamber covered with hinged type with locking arrangement C.I. cover, C.I. frame of size 300mmx300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required.	2	Each	9200.00	18400.00
97	S & laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection etc. as required 8 SWG copper wire.	20	P.Mtr.	79.00	1580.00
98	...do... 20mmx3 mm Copper Strip	5	P.Mtr.	402.00	2010.00
99	S & laying following size "A" class G.I. pipe with accessories for laying earth conductor/strip in ground/surface/recess as required 50mm dia..	5	P.Mtr.	358.00	1790.00
100	P&F 1.6mm thick M.S. Recessed fan box, hexagonal/round of size 130mm dia, depth 75mm, 12mm dia rod fan hook with 100mm length extended on each side group-1	10	Each	95.00	950.00
101	P&F of Resistance type regulator of approved make including cutting, threading, drilling, fixing quarter pin etc. as reqd. Group-1	5	Each	73.00	365.00
102	P&F of capacitor start single phase double ball bearing metallic blade fresh air fan, in existing opening including cost of hardware, flexible copper conductor making connections, testing etc. as required 300mm sweep Group-1	2	Each	1856.00	3712.00
103	P&F extra down rod of 15mm dia, B class steel pipe including cutting, threading, drilling, fixing quarter pin etc. as reqd. Group-1	10	P.Mtr.	89.00	890.00

104	P&F strip type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating/stove enameled paint) (extruded non corrosive UV resist EP Channel) complete with accessories (Low Loss copper choke, starter, starter seat)/Electronic choke with terminal block duly prewired with copper conductor including making connection, testing etc. as required (without tube) 1x36 Watts with EB. Group-1	20	Each	377.00	7540.00
105	P&F box type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating/stove enameled paint complete with accessories (Low Loss copper choke, starter, starter seat)/Electronic choke with terminal block duly prewired with copper conductor including making connection, testing etc. as required (without tube) 1x36 Watts with EB. Group-1	10	Each	855.00	8550.00
106	P&F mirror optics type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating, aluminium mirror reflector standard cross louvers complete with accessories like (Low Loss copper choke, starter, starter seat)/Electronic choke with terminal block duly prewired with copper conductor including making connection, testing etc. as required (without tube) 2x36 Watts with EB. surface mounting Group-1	2	Each	2160.00	4320.00
107	P & F of IP20 LED batten type light fixture made from CRCA sheet steel housing suitable for mounting LED tube system (integral driver), Power Consumption of 18W / 36W 1500-3000 lumens, system lumen efficiency 80 lm/Watt output, life time of 25,000 burning hours with 70% initial lumen maintained. CCT 3000°K, 4000°K & 6000°K.. 4' LED Tube shape fixture 20W Group-1	10	Nos.	280.00	2800.00
108	P&F of Heavy duty capacitor start, Double ball bearing 900/1400 RPM single phase ISI marked Exhaust fan, ISI:2312 marked in existing opening including making connections testing etc. as required. 300 mm sweep(900/1400 RPM)	2	Each	3002.00	6004.00

109	P & F of IP20 LED Recessed / Surface Mounted, Round / Square Non-Dimmable Downlight with die-cast aluminum housing & Heat Sink for heat dissipation, high purity reflector with external BIS certified 2.5 kv surge protected driver having efficiency > 85% and in compliance to IEC standards. system lumen efficacy of \geq 100LM/Watt & life time of minimum 35000 burning hours with 70% of initial lumen maintenance, cct 3000°K/4000°K/6000°K mix. Power Consumption should not more than the specified rating & fixture shall be of CE compliance. Surface Mounting LED Downlight 6/7W. Group-1	2	Each	613.00	1226.00
110	---do---12Watt Group-1	2	Each	757.00	1514.00
111	---do---15Watt Group-1	2	Each	925.00	1850.00
112	---do---18/20Watt Group-1	2	Each	947.00	1894.00
113	P & F of IP20 LED Recessed / Surface Mounted, Round / Square Non-Dimmable Downlight with die-cast aluminum housing & Heat Sink for heat dissipation, high purity reflector with external BIS certified 2.5 kv surge protected driver having efficiency > 85% and in compliance to IEC standards. system lumen efficacy of \geq 100LM/Watt & life time of minimum 35000 burning hours with 70% of initial lumen maintenance, cct 3000°K/4000°K/6000°K mix. Power Consumption should not more than the specified rating & fixture shall be of CE compliance. Recessed Mounting LED Downlight 2/3W Group-1	2	Each	511.00	1022.00
114	---do---LED downlight 6/7Watt Group-1	2	Each	584.00	1168.00
115	---do---LED downlight 9/10Watt Group-1	2	Each	788.00	1576.00
116	---do---LED downlight 14/15Watt Group-1	2	Each	934.00	1868.00
117	---do---LED downlight 18/20Watt Group-1	2	Each	992.00	1984.00
118	P&F of ip 65 protected high power LED flood light system with pressure die cast aluminium housing, toughened glass diffuser with suitable lenses on LED to achieve suitable beam angles 240Watt 50Hz. As reqd. fixture shall be CE compliance. High power LED flood light 30 watt. Group-1	2	Each	2385.00	4770.00
119	---do---LED 50Watt Group-1	2	Each	4250.00	8500.00

120	P & F IP-65 / IP-66 protected LED street light luminaire on existing bracket. Fixture made from powder coated single piece pressure die cast aluminium housing with Heat dissipation fins on housing with High Power LEDs of CREE / NICHIA / OSRAM / PHILIPS make. Diffuser / Glass cover for ensuring IP65 protection for Lamp & control gear compartment, System Lumen output of 1500 - 8500 High Power LED. Integrated Driver shall be high efficiency having efficiency > 85% and in compliance to IEC standards System life of 50,000 Burning Hours with 70% of initial Lumens maintained. Fixture shall be in CE Compliance. LED Street Light Fixture 70-75W Gr-1	5	Each	5063.00	25315.00
121	Labour charges for dismantling of surface PVC/steel conduit including wiring in conduit, conduit fittings and depositing the same with listing of material in store.	50	P.Mtr.	8.00	400.00
122	Labour charges for dismantling of surface recessed switch board of any size and depositing the same with listing of material in store.	10	Each	5.00	50.00
123	Labour charges for dismantling of switch accessories like switch, socket, ceiling rose, holder and depositing the same with listing of material in store.	50	Each	3.00	150.00
124	Labour charges for dismantling of wiring in existing conduit of following size and depositing the same with listing of material in store. upto 10.00 sq.mm. Wire	50	P.Mtr.	4.00	200.00

125	SITC of wall free standing floor mounted dust and vermin proof compartmentalised, cubical panel made out of CRCA sheet, required hardware, duly painted by either two coats of zinc/ red oxide primer followed by two coats of synthetic enamel paint or powder coating in grey or required shade after rising. The panel having PU/Neoprene rubber gasket of not less than 3mm thickness, separate detachable gland plate M.S. base channel, hinged floor with locking arrangements for equipment/ switchgear Thickness of sheet shall not be less than 1.6mm upto 600mm length/ width of any compartment and be of 2.00 mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartments having bolted type doors with detachable extension type structure. (only outer area on all sides shall be measured & panel to be fabricated from CPRI approved fabricator) Enamel painted with phosphatisation Group-1	1	P.Sqm.	2752.00	2752.00
126	P&F Star rated double ball bearing capacitor star, aluminium body & blade ceiling fan with down rod upto 30 cm with 3x1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required 1200mm sweep 5 star rated. (Make Orient/C.G./ Havells)	10	Each	1370.00	13700.00
127	SF of (0-500) V range Volt meter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required.Analog typ (96 mm x 96 mm)	2	Each	570.00	1140.00
128	...do... Digital type	1	Each	1100.00	1100.00
129	SF of CT operated direct reading type Ampere meter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required.Analog type (96 mm x 96 mm)Below 500 A	2	Each	375.00	750.00
130	...do... Digital type Below 500 A	1	Each	1100.00	1100.00
131	P / L of Double wall corrugated HDPE pipe confirming to IS : 14930 P - 1 & 2 with HDPE Coupler at 1 mtr. Depth below the ground for laying cable including making the trench and back filling , compaction of earth as required of Gemini or IS:14930 marked make.Outer Dia. / Inner dia. 90 / 76 mm	5	Mtr.	150.00	750.00
132	P , Laying &Jointing R.C.C. class NP-2 (Non pressure) pipes (IS:458) with collars. Jointed with cement mortar of ratio 1:2 including excavation etc. as required.200 mm dia internal.	2	Mtr.	400.00	800.00

133	P&F bus bar chamber housed in sheet metal box made out from 1.2 mm thick powder coated CRCA sheet front openable bus bar made out of Copper suitable for 200 amp. Capacity , bus bar fixed on porcelain insulators at approved spacing including making connections etc. as required.450 mm long , 4 strip	1	Nos.	1670.00	1670.00
134	Supply and erection of P.C.C./R.C.C. pole as per REC manual no 15/1979 conforming to IS: 2905/1966 including excavation of pit and back filling with stone aggregate/boulders and soil in 0.45m consolidating each deposited layer of 0.45m by ramming and watering etc complete in all respect. 9.0 Mtr long (200 Kg) as per Discom specification	2	Nos.	3859.20	7718.40
135	Supply and erection of GI stay set as per Discom specification complete with long stay rod with anchor plate including stay clamps turn buckle and G.I stay wire tightened through strain insulator, in cement concrete 1:3:6 including excavation of pit-re-filling etc as reqd.Stay set of dia 20mm,2.4m long stay rod and anchor plate 380x380x6.4mm	1	Nos.	1319.00	1319.00
136	Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications.LT cross arm 600 mm long with clamp	2	Nos.	280.00	560.00
137	Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like hot dip GI forged spindle of 260mm long and nuts etc as reqd as per Discom specification.105mm x 80mm	5	Nos.	65.00	325.00
138	Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares etc as required as per Discom specification. 100mm x 110mm	5	Nos.	120.00	600.00
139	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 as per Discom specification.50 Sqmm of (6+1) 3.35 mm (Insulated Rabbit)	20	Mtr.	62.00	1240.00
140	SF of selector switch of 10 A for voltmeter (4 position) including making connection etc. as required .	2	Each	228.00	456.00
141	SF of CT linked selector switch of 10 A for Ampere meter (4 position) including making connection etc. as required .	2	Each	286.00	572.00
142	SF of 110/220 V, LED (22.5 mm dia) Indicating lamp with integral circuit, terminal block, including connection etc. as required.Red/yellow/Green colour Group-1	6	Each	150.00	900.00

143	P & Laying XLPE insulated IS:7098/II/85 of Group1 and approved make H.T.cable for working voltage 11 K.V.Earthed direct in ground including excavation of 30cmx100cm size trench, 25cm layer of river sand, IInd class bricks covering, refilling earth, compaction of earth, making necessary connection testing etc.as required of size. 3 core 50.0 Sq.mm Group-1	10	P.Mtr.	664.00	6640.00
144	Providing & making heat shrinkable type indoor/outdoor/straigh through terminations/ joint kit of Group1 and approved make suitable for XLPE insulated 11 KV / 33 KV cable, with required components, prepration of cable ends,testing etc. as required of following sizes .11 KV End Termination Kit Outdoor type 3 core 35/50 Sq.mm Group-1	1	P.Set	5200.00	5200.00
145	P&F Fluorescent tube rod in existing fixtures as required fluorescent powder coated 36/40 watts group-1.	50	Each	63.00	3150.00
146	P&F of thermoplastic/ PVC cable junction boxes of following sizes including clamps for holding the box, cost of DIN rail for MCB mounting, connectors for cables terminals, threaded cable glands made of polyamide material etc. complete in all respect. 300mm x 200mm x 125mm	5	Each	650.00	3250.00
147	S & F of Street light bracket made out from following size of ' B ' class GI pipe with heavy duty pole clamp, Saddles suitable fastners etc. as required. 32 mm Dia.	5	Mtr.	410.00	2050.00
148	Supply, Erection and Fixing of hot dipped galvanised Overhang (48.3 X 3.25 mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles. Double arm overhang Group-1	1	Mtr.	1560.00	1560.00
149	P & F of 4 star rated vertical storage water heater with outer casing made of M.S.sheet finished with anti-corrosive powder coating,inner tank made of pure electrolytic copper/stainless steel / SPHP, Tubular copper sheathed and Nickel plated heating element/ twin ceramic cartridge heating element, stem type thermostat and thermal cut out,Dual indicating lamps for power supply and thermostat,PUF insulation, Pressure relase valve,fusible plug etc. as required held in position with 4 no. rack bolts,duly wired with 3 core 2.5/4.0 Sqmm PVC insulated & sheathed copper conductor and 16 A/25A three pin plug top,including making inlet,outlet heavy gauge C.P./ Flexible alloy connection,testing etc. as required. 15 Ltr. Group-1	2	Each	7532.50	15065.00
150	---do---25 Ltr.C156 Group-1	2	Each	8907.90	17815.80

151	Supply and erection of M S swaged tubular pole conforming to IS: 2713-1980 (part I to II) with galvanised base plate in position 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, GI cable sleeve complete as required. The pole shall be fabricated by using ISI mark tube for structural purpose of following height & designation. (See Table E - 09 for specs.) 7.5 mtr.	1	Each	6408.00	6408.00
				Total:	8,84,925.20

T.A. (ELECTRICAL CELL)

**OFFICER INCHARGE
ELECTRIC CELL**

I/We hereby tender for the above work @-----% Above/Below the “G” Schedule”.

Seal & Signature of contractor

Name of contactor:.....

Address:.....

.....

.....

Phone No. (M)..... (O)..... (R).....

E-mail..... PAN NO.....

**EXECUTIVE ENGINEER
M.L.S.U. Udaipur**