

जयपुर विकास प्राधिकरण, जयपुर

रूम नं. सी.बी. एफ.एफ. 121, नागरिक सेवा केन्द्र,

इन्दिरा सर्किल, जे.एल.एन. मार्ग, जयपुर-302004

क्रमांक / जविप्रा / अधि.अभि. (विद्युत-III) / जॉब नं. 204 / 2017-18 / डी-

दिनांक:

बिड आमंत्रण सूचना

पूर्णकालीन बिड संख्या-07 / 2017-18

जयपुर विकास प्राधिकरण द्वारा “Repair and Maintenance of Nehru Palace, Staff Quarters at Lal Kothi, Malviya Nagar, Sethi Colony for Three Years, JDA, Jaipur”. जिसकी अनुमानित राशि रु. 57.15 लाख के लिए ऑनलाईन बिड्स दिनांक 02.04.2018 सायंकाल 6:00 बजे तक आमंत्रित की जाती हैं। जिसका UBN NO. है। निविदा बोली का ऑनलाईन आवेदन व भुगतान जयपुर विकास प्राधिकरण पोर्टल पर करने की अन्तिम तिथि 02.04.2018 को सायंकाल 6.00 बजे तक हैं। निविदा बोली के दस्तावेजों का विस्तृत विवरण www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in पर देखा जा सकता है।

निविदा में भाग लेने वालों को निम्न शर्तों की पूर्ति करनी होगी :-

1. निविदादाता जयपुर विकास प्राधिकरण की वेबसाइट www.jda.urban.rajasthan.gov.in पर पंजीकृत हो एवं निविदा में भाग लेने के लिए बोलीदाता को आवेदन करने के लिए दस्तावेज शुल्क, अमानत राशि, आर.आई.एस.एल. प्रोसेसिंग शुल्क ऑनलाईन जमा करानी होगी।
2. ऑनलाईन निविदा प्रस्तुत करने के लिए निविदादाताओं का राजस्थान सरकार के ई-प्रोक्यूरमेंट पोर्टल www.eproc.rajasthan.gov.in पर पंजीकृत हो।

अधिशायी अभियन्ता-(विद्युत-III)
जविप्रा, जयपुर।

JAIPUR DEVELOPMENT AUTHORITY

Room No. CB FF 121, CCC building,
Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004

No:- JDA/EE-(Elect.-III)/Job no. 204/2017-18/D-

Dated:

LONG TERM NOTICE INVITING BID

NIB No. : 07/2017-18

Online Bids are invited up-to **6.00 PM of 02.04.2018** for "Repair and Maintenance of Nehru Palace, Staff Quarters at Lal Kothi, Malviya Nagar, Sethi Colony for Three Years, JDA, Jaipur. Estimated cost of Rs 57.15 Lacs. UBN No The last date for applying bid and making online payment on JDA portal is up to 6.00 PM dated 02.04.2018 Details may be seen in the Bidding Document at our office or the website of State Public Procurement Portal website www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in.

To participate in the bid, bidder has to be:

1. Registered on JDA website www.jda.urban.rajasthan.gov.in for participating in the Bid, the Bidder has to apply for the Bid and pay the Bidding Document Fee, RISL Processing Fee and Bid Security deposit online only.
2. Registered on e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in for online e- Bid submission.

Executive Engineer-(Elect.-III)
JDA, Jaipur

Enclosed in Bid Document

JAIPUR DEVELOPMENT AUTHORITY

Room No. CB FF 121, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302004

Telephone: +91-141-2569696 e.mail : xxxxxxx@jaipurjda.org

No. JDA/E.E(Elect.-III)/2017-18/D-

Date:

LONG TERM NOTICE INVITING BID

NIB No. : 07/2017-18

| | |
|--|---|
| Name & Address of the Procuring Entity | <ul style="list-style-type: none"> ➤ Name: Executive Engineer (Elect.-III), Jaipur Development Authority ➤ Address: Room No. CB FF-121, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 |
| Subject Matter of Procurement | <ul style="list-style-type: none"> ➤ Repair and Maintenance of Nehru Palace, Staff Quarters at Lal Kothi, Malviya Nagar, Sethi Colony for Three Years, JDA, Jaipur. ➤ Job No. 204/2017-18 |
| Bid Procedure | Single Bid eBid procedure at http://eproc.rajasthan.gov.in |
| Bid Evaluation Criteria (Selection Method) | ➤ (eg.Least Cost Based Selection (LCBS)-L1) |
| Websites for downloading Bidding Document, Corrigendum's, Addendums, etc. | ➤ Websites : www.sppp.rajasthan.gov.in , www.eproc.rajasthan.gov.in , www.jda.urban.rajasthan.gov.in |
| Website for online Bid application and payment * | <ul style="list-style-type: none"> ➤ Website: www.jaipurjda.org ➤ For participating in the Bid, the Bidder has to apply for this Bid and pay the Bidding Document Fee, RISL Processing Fee & Bid Security Deposit online only. <ul style="list-style-type: none"> ○ Bidding document fee: Rs. 500/- (Rupees Five Hundred only) ○ RISL Processing Fee: Rs. 1000/- (Rupees One Thousand only) ○ Requisite Bid Security Deposit |
| Estimated Procurement Cost | ➤ INR 57.15 Lacs (Rs. Fifty Seven Lacs & Fifteen Thousand only) |
| Bid Security Deposit | <ul style="list-style-type: none"> ➤ Amount (INR) : 2% (Rs. 114300.00) of Estimated Procurement Cost, 0.5% (Rs. 28575.00) of S.S.I. of Rajasthan, 1% for Sick Industries, other than S.S.I., whose cases are pending with Board of Industrial & Financial Reconstruction ➤ (*2% for bidder who is A and AA class contractor registered in other Govt. Department) / 0.5% for bidder registered as contractor AA, A,B,C, E-I, II & III in JDA ➤ Micro small medium Enterprises situated in Rajasthan Tender fee 50% EMD value 0.5% ➤ In case of Departments of the state govt. and undertaking, corporations, Autonomous bodies, Registered societies, cooperative Societies which are owned or controlled or managed by the state Govt. and Govt. undertaking of the central Govt. shall submit a bid securing declaration in lieu of bid security. |
| Date/time/place of Pre-Bid | <ul style="list-style-type: none"> ➤ N/A ➤ Last date of submitting clarifications requests by the bidder <date and time> addressed to the procurement entity at <Address of procurement entity> |
| Applying bid and making online payment on JDA portal (www.jda.urban.rajasthan.gov.in) | <ul style="list-style-type: none"> ➤ Start Date: 13.03.2018 at 9.30 AM onwards ➤ End Date: 02.04.2018 at 6.00 PM ➤ In case EMD in form BG original bank guarantee is to be submitted in room no MBSF Room no. 225A of Sr.AO of main building, JDA, JPR by 03.04.18 to 05.04.18 upto 3.30 PM |
| Bid submission on e-procurement portal of GOR (www.eproc.rajasthan.gov.in) | <ul style="list-style-type: none"> ➤ Start Date: 13.03.2018 at 9.30 AM onwards ➤ End Date: 02.04.2018 at 6.00 PM |
| **Date/ Time/ Place of Technical Bid Opening | ➤ NA |
| Date/ Time/ Place of Financial Bid Opening | ➤ 05.04.2018 at 4.00 AM Room No. Room No. CB FF 121, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 |
| Bid Validity | ➤ 120 days from the bid submission deadline |
| Time Period | ➤ 3 Years (36 Months) |

*Jaipur development authority has decided to receive earnest money deposit (EMD) (Bid Security), Tender fee and RISL processing fee online through JDA portal. The bid security options available in tender for participants are as mentioned below :

A. Options:

Option-1: Bank Guarantee (BG) against EMD/ Bid Security

Bidder may opt Bank Guarantee (BG) against EMD (Bid Security), for which bidder requires to prepare BG before applying in the tender. The details of BG requires to be fed on JDA portal before paying balance amount (Tender Fee + RISL Processing Fee). This amount will be paid through **Payment Gateway only**, option to make balance payment through EFT(NEFT/RTGS) will be available.

Option-2: Electronic fund transfer (EFT:NEFT/RTSG)

If the bidder selects payment mode as EFT (NEFT/RTGS), "Paying Slip for EFT (NEFT/RTS)" will be generated by the system for the complete amount. The payment can be made from any Bank any Branch using this paying slip through NEFT/RTGS (Claim against payment made through EFT in any other JDA bank account will not be acceptable and bidder stands disqualified from participation in the bid applied for). After successful transaction through NEFT/RTGS, as per the standard procedures it may take 4 to 24 hours in process of confirmation of EFT through Auto-process depending on the time of EFT done. Therefore, option to make payment through EFT (NEFT/RTGS) will be available till 48 hours prior to closing date of bid participation.

Option-3: Payment Gateway (Aggregator)

The facility to make payment through Debit Card, Credit Card, Net Banking etc., will be available. User can use this facility from anywhere any time till the closing date & time of bid participation.

B. Bid Participation Receipt

After confirming payment, the bidder will get Bid Participation Receipt on the basis of which user will get the payment details along with details for bidding on e-procurement portal of GOR.

- In case of BG as the remaining payment will be done through payment gateway, on successful transaction the "**Bid Participation Receipt**" will be generated on real time basis.
- In case complete payment is done through Payment Gateway, on successful transaction the "**Bid Participation Receipt**" will be generated on real time basis.

In case completion payment is done through EFT (NEFT/RTGS), on confirmation of payment from ICICI Bank (Auto Process) "**Bid Participation Receipt**" will be available on Login of Bidder on JDA portal.

Note:

1. Bidder (authorized signatory) shall submit their offer on-line in Electronic formats both for technical and financial proposal.
2. In case, any of the bidders fails to pay the Tender Fee, BSD, and RISL Processing Fee, online (subject to confirmation), its Bid shall not be accepted.
3. To participate in online bidding process, Bidders must procure a Digital Signature Certificate (Type III) as per Information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e. TCS, Safe crypt, Ncode etc. Bidders who already have a valid Digital Signature Certificate (DSC) need not procure a new DSC. Also, bidders must register on <http://eproc.rajasthan.gov.in> (bidders already registered on <http://eproc.rajasthan.gov.in> before 30-09-2011 must register again).
4. JDA will not be responsible for delay in online submission due to any reason. For this, bidders are requested to upload the complete bid well advance in time so as to avoid 11th hour issues like slow speed; choking of web site due to heavy load or any other unforeseen problems.
5. Bidders are also advised to refer "Bidders Manual Kit" available at eProc website for further details about the e-Tendering process.
6. Training for the bidders on the usage of e-Tendering System (eProcurement) is also being arranged by DoIT&C, GoR on a regular basis. Bidders interested for training may contact e-Procurement Cell, DoIT&C for booking the training slot. Contact No: 0141-4022688 (Help desk 10 am to 6 pm on all working days) e-mail: eproc@rajasthan.gov.in
Address : e-Procurement Cell, JDA, Yojana Bhawan, Tilak Marg, C-Scheme, Jaipur
7. The procuring entity reserves the complete right to cancel the bid process and reject any or all of the Bids.
8. No contractual obligation whatsoever shall arise from the bidding document/ bidding process unless and until a formal contract is signed and executed between the procuring entity and the successful bidder.
9. Procurement entity disclaims any factual/ or other errors in the bidding document (the onus is purely on the individual bidders to verify such information) and the information provided therein are intended only to help the bidders to prepare a logical bid-proposal.
10. The provisions of RTPPA Act 2012 and Rules thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the provisions of this bidding document with the RTPP Act 2012 and Rules thereto, the later shall prevail.

Executive Engineer- (Elect.-III)
JDA, Jaipur

SCHEDULE 'A' : INFORMATION USE FULL FOR THE CONTRACTORS:

The bidder should see the site and fully understand the condition of the site before bidding and include all lead, lifts etc. for the material in his item rate / percentage to the quoted on the rates as given in schedule 'G'. Then work shall be carried out in accordance with the Rajasthan PWD specification for electric works 1980 and to the entire satisfaction of the Engineer-Incharge of the work.

SCHEDULE 'B':LIST OF THE DRAWING TO BE SUPPLIED BY THE DEPARTMENT:

The drawing may be seen in office of the undersigned.

SCHEDULE 'C ':LIST OF THE DRAWING TO BE SUPPLIED BY THE CONTRACTOR:

List of the drawing to be supplied by the contractor Nil. But the contract or shall have to arrange drawings required for the work at his own cost after deposition necessary cost within JDA.

SCHEDULE 'D': TEST OF THE MATERIALS:

The test of the material and workmanship shall be conducted by the JDA staff as necessary. The result of such tests should confirm to be standard laid down in the Indian standards and or the standards laid down in the detailed specification of the Public Works

Deptt. proper quality control is required to be maintained by the contractor. Qualified personnel as required under the contractor enlistments rules duly approved by the Deptt. shall have to be engaged at site by the contractor. The Deptt. reserves the right to engage such staff and recover the expenses from the contractor on such account in case of his failure to do so.

SCHEDULE 'E': SAMPLES OF THE MATERIALS:

The samples of the material to be used by the contractor shall be deposited 15 days in advance with the Engineer In-charge and be got approved by him before use.

SCHEDULE 'F': TIME OF COMPLETION:

The work should start within 15 days of issue of work order and completion within months/days.

SCHEDULE 'G': ATTACH SEPARATELY SCHEDULE 'G' BASED ON JDA ELECTRICAL BSR 2016 /JDA APPROVED.

SCHEDULE 'H':SPECIAL CONDITION ATTACHED SEPARATELY.

SCHEDULE 'I': LIST F THE MATERIAL TO BE SUPPLIED BY THE DEPTT.

Whatever material available in JDA store shall be issued @ the prevailing store issue date of JDA + 5% storage charges at the time of issue of cement.

Signature of Contractor
with full address.

Executive Engineer (Elect.-III)
JDA, Jaipur.

SCHEDULE 'H'

1. If there is any typographical error or otherwise in the 'G' Schedule the rate given in the relevant BSR on which Schedule 'G' has been prepared, shall prevail.
2. The contractor shall follow the contractor labour regulation and abolition Act 1970 & Rule 1971.
3. The JDA shall have right to cause an audit technical examination of the work and the final bills of the contractor including all supporting vouchers, abstract etc. to be made within two years after payment of the final bills and if as a result such audit any amount is found to have been over paid / excess in respect of any work done by the contractor under the contract or any work claimed by him to have been done under this contract and found not to have been executed the contractor shall be liable to refund such amount and it shall be lawful for the JDA to recover such sum from him in the manner prescribed in special condition no. 8 or any other manner legally permissible and if it is found that the contractor was paid less than that was due to him under the contract in respect of work executed by him under it, the amount of such under payment shall be paid by the JDA to the contractor.
4. The contractor shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
5. Wherever any claim against the contractor for the payment of a sum of money arises out of under the contracts, the JDA shall be entitled to recover the sum by appropriating in part or whole of the security deposit of the contractor, In the event of the security being insufficient or if no security has been taken from the contractor then the balance of the total sum recoverable as the case may be shall be deducted from any sum then due or which at any time there contract with the JDA should this sum be sufficient to recover the full amount recoverable. The contractor shall pay to JDA on demand the balance remaining due. The JDA shall further have the right to affect such recoveries under P.D.R. Act.
6. The rate quoted by the contractor shall remain valid for a period of 4 (Four) months from the date of opening of the bids.
7. By submission of this bid the contractor agree to abide with all printed conditions provided in the PWD manual from 64 (Chapter 3-para 36) and subsequent modification.

8. No conditions are to be added by the contractor and conditional bid is liable to be rejected.
9. All transaction in this execution of this work and this bid will be liable to Sale-Tax vide section. 2(B) read with sub-clause (4) Sale-tax Rule, 1954.
10. If any bidder withdraws his bid prior to expiry of said validity period given at S.No. 7 or mutually extended period or makes modifications in the rate, terms and conditions of the bid within the said period which are not acceptable to the department or fails to commence the work in the specified period, fails to execute the agreement and fails to furnish performance guarantee the department shall without prejudice to any, other right or remedy, be at liberty to forfeit the amount of earnest money given in any form absolutely. If any contractor, who having submitted a bid does not execute the agreement or start the work or does not complete the work and the work has to be put to rebidding he will stand debarred for 6 Months from participating of bidding in JDA in addition to forfeiture of Earnest Money / Security Deposit and other action under agreement.
11. The contractor shall arrange his own machinery required for the work such as Bitumen Mixer, Hot Mix plants and paver, road roller, Tar boiler, sprayer etc.
12. The contractor shall arrange his own storage tanks up to 10 Tones capacity for storage of bulk bitumen wherever supplied by the department.
13. Rules regarding enlistment of contractor provide that work up to the times limit for which they are qualified for bidding can be allotted to them, Therefore, before bidding the contractor will keep this in mind, and submit the details of the work. Bids with incomplete or incorrect information are liable to be rejected.
14. Any material not conforming to the specifications collected at site have to be removed by the contractor within a period of 3 days of the instruction, issued by the Engineer -In charge in writing failing which, such material shall be removed by the Engineer-In charge at risk and cost of the contractor after expiry of 3 days period.
15. The material collected at site and paid provisionally shall remain under and ward of the contractor till it is consumed, fully on the work.
16. The rates provided in bid documents are inclusive of all Taxes and royalty.
17. For paver work at least 3 road rollers shall be simultaneously deployed.

18. No extra lead of earth/material shall be paid over and above as specified in 'G' Schedule Source/borrow pit area for earth shall have to be arranged by the Contractor at his own cost.
19. Undersigned has full right to reject any or all bids without given any reasons.
20. Mortar of Masonry work and lean concrete will be permitted mixer with hopper.
21. As per Supreme Court decision "All contracts with Governments shall require registration of workers under the building and other construction workers (Regulation of Employment and Conditions of Service) Act, 1996 and extension of benefits to such workers under the act.
22. Special Conditions of Contract regarding Defect Liability Period (DLP) for electrical works costing Rs. 25.00 lacs and more shall be applicable as per order no. 29/11.03.2016 of Director Engineering-I.
23. The bidders are required to submit copy of their enlistment as contractor.
24. Conditions of RPWA-100 will be mandatory & acceptable to the contractor.
25. Any bid received with unattested cutting/ overwriting in rates shall be rejected and such bidder will be debarred from bidding for three months in JDA.
26. All the provision of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT 2012 and Rules, 2013 will be applicable. If there is any contradictions in existing epscial conditions and provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT 2012 and Rules 2013 provision of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT 2012 and Rules 2013 shall be applicable.

SIGNATURE OF CONTRACTOR
WITH FULL ADDRESS:

EXECUTIVE ENGINEER (Elect.-III)
JDA JAIPUR

Special Conditions of Contract regarding Defect Liability Period (DLP) for Various works costing Rs. 25.00 Lacs and more

1. ROAD WORKS

- 1.1 The Defect Liability Period (DLP) for all Road works excluding patch repair work shall be as per table-1. Road works executed by the Contracting agency shall be maintained by them at their own cost for Schedule as per table-1 (DLP) from the actual date of completion of work as per the clause in the Contract Agreement and Special Condition of Contract.
- 1.2 No extra payment shall be made to the contracting agency on account of maintenance of Road works and removal of defect during Defect Liability Period.
- 1.3 The word "Road Works" means all new Road Works construction, strengthening and renewal works.
- 1.4 The word "Maintenance of Road Works during Defect Liability Period" means
- (i) Routine maintenance of Road Works,
 - (ii) To remove the defect as & when appear in part and entire structure of Road Works, in specified time and keeping the Road Surface with good riding quality and
 - (iii) Damages due to improper drainage / drains, local flooding, depressions on roads etc.
- 1.5 The contracting agency shall do the routine maintenance of Road 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 conditions during the entire period of routine maintenance, which begins at completion of the construction work and ends after Schedule as per table-1.
- 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 **(a) The routine maintenance activities and their periodicity as per JDA Office order no: JDA/Ex.En.(TA to Dir Engg.-I)/2016/D-29 dated 11.03.2016**

Table-I

| S.No. | Type of work | DLP Period |
|-------|---|--|
| 1 | Bridge work | 5 Years |
| 2 | CD work | 5 Years |
| 3 | CC road, PQC work | 5 Years |
| 4 | CC tiles/Kerb/ Medians | 5 Years |
| 5 | Drains | 3 Years |
| 6 | Roads | |
| | (i) Two Layer WBM/GSB | 6 Months or one full rainy season whichever is later |
| | (ii) For Renewal/Strengthening | |
| | (a) BT upto 30 mm thickness | 1 Year |
| | (b) BT above 30 mm to upto 40 mm | 2 Years |
| | (c) BT above 40 mm to upto 90 mm | 3 Years |
| | (d) BT above 90 mm | 5 Years |
| | (iii) New roads | |
| | (a) BT upto 90 mm | 3 Years |
| | (b) BT more than 90 mm | 5 Years |
| 7 | Compound wall | 3 Years |
| 8 | Building work | |
| | (i) Work pertaining to sanitary works electrical works, Joinery works and painting works. | 2 Years |
| | (ii) Work pertaining to building structure and other civil works. | 5 Years |
| 9 | Electric work except maintenance | 3 Years |
| 10 | Sewer/water supply all including STP and water supply related work except maintenance works | 3 Years |

1.7 (b) The routine maintenance activities and their periodicity

| S. No. | 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. |

| | | |
|---|--|--|
| 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 | Insurance of proper functioning of drains including civil maintenance and desilting of drains. (If constructed by the same Road agency or not) | As and when required. |
| 5 | Maintenance of road signs. (If installed by the same Road agency) | Maintenance as and when required. Repainting <u>once in every one and half years.</u> |
| 6 | Road Marking, Kerb Stone/Dand. (If done by the same Road agency) | Thermoplastic Paint Maintenance as and when required. Repainting <u>once in every one and half years.</u> Ordinary Paint Maintenance as and when required. Repainting <u>thrice in every years.</u> |
| 7 | Damages beyond control of agency. | Road cuts made by various agencies for utility, duly permitted by JDA / JNN will have to be repaired by agency on the same rates of the contract agreement till DLP. |

2. General

2.1 Inspection of works during Defect Liability Period

- 2.1.1 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 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 immediately after the joint inspection. The Contracting agency shall pay particulars attention on those road sections, which are likely to be damaged during rainy season.
- 2.1.2 One register has to be maintained by every A.E.n for recording the inspection details of works in his jurisdiction under defect liability period.

2.2 Conditions regarding Security Deposit

2.2.1 Security for DLP-

The contracting agency shall have to furnish security deposit (SD) in the form of Bank Guarantee valid from the actual date of completion, which shall be assigned by the Engineer-in-charge.

2.2.2 Refund of SD -

The release of SD amount shall be as following table:-

| S.No. | Released SD DLP period | 1 st year | 2 nd year | 3 rd year | 5 th year |
|-------|---------------------------|----------------------|----------------------|----------------------|----------------------|
| 1 | Upto 1 year | 100 % | 40 % | 20 % | 10 % |
| 2 | Upto 2 Year | | 60 % | 20 % | 10 % |
| 3 | Upto 3 Year | | | 60 % | 10 % |
| 4 | Upto 4 Year | | | | 20 % |
| 5 | Upto 5 Year | | | | 50 % |

Various conditions for managing DLP are as under:-

- At the time of completion of work, final component shall be worked out for each individual item like BT/CC /tiles/drains etc (as per different categories in Table I), DLP shall be operative based upon type of individual item ex:- CC-5 years, BT- 1/2/3/5 years, Drain- 3 years etc.
- Similarly for all new works, these components should be calculated at the time of TS itself, which should be made part of BID document.
- If any work, amount is less than Rs. 25 lakhs but later on due to extra/excess work, if amount of final work crosses more than Rs. 25 lakhs, DLP shall be operative as per rule for each individual item.
- Similarly if any work is more than Rs. 25 lakhs but later finalization amount of work is less than Rs. 25 lakhs, DLP should be operative for six months or rainy season whichever is late.
- During DLP period if contractor fails to repair any work even after issue of 7 days written notice, same work shall be got executed by respective Executive Engineer at the contractor's risk and cost. This process shall be applicable throughout the DLP period. After completion of DLP period in such works contractor

should be debarred and blacklisted from JDA for three years as per RTPP Rule 2012 and 2013 where he defaults twice in a single agreement or in two different works.

- (vi) Quarterly inspection as per rules shall be carried out and DLP registers shall be maintained by respective Executive Engineers to monitor the DLP repairs.
- (vii) Special and regular inspection shall also be carried out as per order no. JDA/Ex.En & TA to DE-I/ 2014-15/D-223 dated 12.03.2015 and order no. SE (PMGSY) CIRCULAR 2006/D-115 dated 04.05.2006 point no. 3
- (viii) In case JDA feels to take up work on any existing DLP road due to any reason, following procedure should be adopted.
 - (a) At the time of withdrawal total liability of repairs as per DLP conditions to be carried out and contractor shall be asked to complete the same. After completion of assessed repairs DLP period shall be released after deduction amt. as per table III.

| % recovery on withdrawal of DLP of work order | 1 Year | 2 Year | 3 Year | 4 Year | 5 Year |
|--|---------------|---------------|---------------|---------------|---------------|
| DLP period | | | | | |
| 1 Year | 1.12 | - | - | - | - |
| 2 Year | 2.55 | 1.43 | - | - | - |
| 3 Year | 4.38 | 3.26 | 1.83 | - | - |
| 5 Year | 9.00 | 7.88 | 6.45 | 4.62 | 2.47 |

Note :- Calculation is to be done on quarterly basis.

- (b) In case Contractor fails to carry out these repairs, same shall be carried out at his risk and cost. If the total amt. of such repairs works out to be more than total retained amt. of SD, same shall be recovered from other works and as per PDR rules. The amount as per Table-III is also to be deducted in addition to this amount.
- (c) Based upon type of work, DLP conditions for works to be carried out during DLP period with their frequency of respective type of work shall be prepared by respective SE's after approval of these periods.

2.2.3 Force Majeure

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

Signature of Bidder
with full address :

Executive Engineer-(Elect-III)
JDA, Jaipur

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR
Special Terms & Conditions for Electrification work.

The Contractor has to give the performance guarantee of the following materials for the period mentioned against them from the date of completion of work:

| | | |
|-----|---------------------------|-----------|
| (a) | Transformers | 30 Months |
| (b) | All types of Insulators | 18 Months |
| (c) | ACSR Conductors | 6 Months |
| (d) | Isolators | 6 Months |
| (e) | Horn gap fuse set | 6 Months |
| (f) | LT Pillar Box | 6 Months |
| (g) | All types of HT/LT cables | 18 Months |

1. The Contractor has to arrange for the permission for the charging of electrical system from the Electrical Inspector Govt. of Rajasthan. He will have to deposit the necessary fees, which shall be reimbursed by Jaipur Development Authority.
2. The contractor will coordinate for the system handing over and charging process and if any defects, is pointed out by the RSEB/JVVNL, then he will have to rectify the same.
3. The final bill shall be paid after the lines and substations are handed over to RSEB/JVVNL and system is charged.
4. Inspection shall be bear by the contractor it self.
5. The material shall be purchased from the firms, which are also supplying the material to RSEB/JVVNL.
6. All HT/LT cables should be sequentially marked with cable size & length duly embossed.
7. The contractor shall return unused material issued to him by the depts. If desired by the Engineer in-charge and in case, of failure to do so he shall be charged for such unreturned material at double the issue rate including storage and supervision charges or the market rate whichever is higher. The basis of the theoretical consumption and allowing for wastage @ 5% at double the issue rate including storage and supervision charges or market rate which ever is higher.
8. **The contractor shall be fully responsible to follow safety code as per IS 3764:1992 (upto date). The work should be executed without damaging existing water pipe line, LT/HT electric under ground cable, poles, existing surface drain, water connections, Telephone cables etc. In case of any damages the penalty/ liability imposed for such work shall be borne by the contractor and shall be got repaired immediately by arranging material/ labor/ assistance etc. In case of delay JDA reserve right to execute/ get executed the work at the cost and risk of the contractor.**
9. It is a mandatory condition that contractor will get all insulated material tested from CTL of JVVNL before using it at site.

Executive Engineer (Elect-III)
JDA, Jaipur.

I carefully study & do agree for above terms & conditions.

Signature & Seal of the Contractor

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR.

DETAILED SPECIAL CONDITION AND SPECIFICATIONS

1. The scope of the Schedule 'H' and 'G' comprises HT/LT line work on the road mentioned in schedule 'G'.
2. The tubular poles are proposed to be erected generally in the median strip of the road or sides unless otherwise instructions are given to change the alignment.
3. The road in question in national, highway/important only road and as not only heavy traffic passes through the road but all the VIPs also pass through it the before it will be the contractor responsibility the provide all retardates caution signs during the execution of work at his own cost in order in to avoid any miss happening.
4. No opening shall be left uncovered during night. The bidder shall make all arrangement to avoid any claim if preferred on his account shall be the liability of the bidder.
5. No road or part of the road shall be cut without taking the prior permission in writing from the competent authority. The permission shall be arranged by bidder on the request of JDA. However, any changes will be borne by JDA.
6. The contractor shall be deemed to have carefully examined the specifications general condition and bid drawing etc. and they have been fully informed and have satisfied himself as to the nature and character of the work to be executed site conditions and other relevant matters and details.
7. References to standards code specifications recommendation shall mean the attested addition of such publications of the work to be executed at site before the date of invitation to submit proposals.
8. The excavated material shall be place within 1.5 Mtr. of the edge the half of the depth of the trench with have is more side clear shall be done within 24 hours.
9. The work shall be carried out strictly Dom plying within Indian Electricity Rules in force and as per specifications for Electrical and lift work issued by PWD Raj., Jaipur 1980 or any other IS code for this work.
10. **Trenching** : The trenches shall be of shaper size as instructed by the Engineer-in-Charge.
 - (a) **Width**
 - (i) The minimum width of trench for laying single cable shall be 35 Cm.
 - (ii) Where more than one cable is to be laid in the same trench in horizontal formation. The width of the trench shall be increased such that the spacing between the cables shall be at least 20 Cm.
 - (b) **Depth**

- (i) Where cable core laid in single tier formation in the total depth of shall not be less than 75 cm for cable up to 1.1 KV.
- (ii) When more than one tier of cable is unavoidable and vertical formation of laying is adopted depth of trench in (i) above shall increase by 30 cm for each additional tier to be formed.
- (iii) The depth shall be 1.0 Mtr. of 11 KV, 1.5 Mtr. for 33 KV.

(c) EXCAVATION

The trench must be excavated straight and if it is necessary to give any band or curve radius of such trench shall be at least 12 time the over all diameter of the cable.

(d) PLACING OF THE CABLE

The cable must be places in the trench on band of fine sand of 8 cm thick bed, and the cable shall be laid below water and sewer lines.

- (e) For the safe guard of cable it must have covering of clean dry river sand or any other type of soil as directed by Engineer-in-Charge is not less than 17 cm.

(f) PROTECTION

To protect the cable against mechanical damages the second class bricks or stone katla as specification shall be placed over the cable width wise.

- 11. Satisfactory type / acceptance test that results wherever applicable conducted from Govt. / Govt. approved laboratory as per ISS shall be submitted prior to use. The routine tests of cable shall be conducted only after delivery at site at his own cost.

12. EARTHING

The ground earthing shall be done generally confirming to IS specification of 3043-1966 all the work earth terminal be provided duly crimped / soldered.

13. CONTROLLING PANELS

The controlling panels such as main panel service pillar-box and fuse boxes are to be installed in span. The rubber gasket bedding of high quality rubber is to be provided around all operable parts. The all-hard works should be made corrosion resistant giving all chemical treatment before its fabrication and before final coat desired colour painting and red oxide primer should be applied. All internal connectives are be made with PVC insulated copper conductor with copper lugs dully crimped. The internal wiring shall be arranged with clips the bus bars and connection shall consists of drawn high conductivity copper strip with PVC 3 leaves tops of phase colours.

14. SUBMISSION OF DRAWING BY THE CONTRACTOR

The following two drawing are required to be submitted by the contractor.

- (i) Main Panel Drawing : The contractor shall submit the drawing of main panel all dimensions all internal connection of diagram, well before its fabrication and obtain prior approval of the drawings from the competent authority.
- (ii) Completion drawings : The contractor shall submit the completion drawings of the project showing the roots of the cable and position of panel etc.

15. TESTING

The following test shall be performed by the contractor at his own cost.

- (i) **Continuity and installation test of cable** : The contractor shall arrange for the continuity of cable for well use of the perfect of the cable.
 - (ii) **Mager Testing** : The whole installation shall be arranged to be test by contractor after its completion shall in presence of Engineer-in-Charge and result shall be recoated and signed jointly.
16. **Earthing Testing**: Earth test shall be performed by the contractor and results will be used be recorded and signed jointly.
 17. Any other test for cable etc. required shall be arranged by the contractor.
 18. No condition of any short except as provided in the printed from schedule of quantities will be entertained.
 19. Conditions given in the bid from apply in full.
 20. The contractor shall have to obey the labour laws. The labour shall have to pay monthly and shall have first line on the bill of contractor, in case of complaint of labour and non-payment of wages is received to the department.
 21. The rate of every item should be quoted against each in figures and in words as well for complete Non BSR Items.
 22. In case of any typographical error in nomenclature, unit and rate, the rates as per BSR on which 'G' Schedule is prepared shall be binding on the bids.
 23. In case of any dispute the Executive Engineer (Elect-III) decision shall be final.
 24. The bidders are expected to be fully conversant with the general and special conditions of contract in force in this office. They must see the site of work acquaint themselves of the position of the materials, Fluctuation of the rates in the market, see the schedule and plans in the office and remove doubts, if any, before submitting their bids.
 25. The JDA is not responsible for arranging any material whatsoever any the contractor will have to complete the work within the specified time with specified material and approved accessories, from the stock, non-availability of material or delay in the consignment will not be entertained to as an excuse for extension of time for completion of work.
 26. Contractor will not be paid extra for sales or any other tax.
 27. Bids must be submitted on the prescribed forms duly signed by the bids on every page.
 28. All entries by the bidder should be in on ink only. Erasers and over writings are not permissible. All cancellation correction and insertions must be signed by the bidder.If any rates are not quoted, bid will be rejected.
 29. Rate quoted should be given for the work; separately in words and figures in case there is any difference in rates between words and figures the lower of the two will be taken as correct.

30. All the papers signed by the parties to this contract and bond together and sealed shall deemed to form part of the contract bond and shall be read as conditions of contract.
31. In every case in which by virtue for the provisions of section 12 sub section (I) of the Workman's Compensation Act, 1923 cost is obliged to pay compensation to a workman employed by the contractor or by a sub contractor for execution to said work Govt. will recover from the contractor the amount of the compensation paid and without prejudice to the rights of Govt. under section 12 sub section (2) of the said Act, Govt. shall be at liberty to recover such amount or any part there of by deducting if from the earnest money deposited by the contractor to his credit or any other sum due by Govt. to the contractor whether under this contract or other wise.
32. The contractor should have submit safety certificate for equipment each year separately in maintenance period.
33. The contractor shall arrange the certificate from electric inspector on completion of the electric installation at his own however any fee to be paid on this account shall be paid by the JDA.
34. The entire material should be as per JDA Electrical BSR 2016 of Electrical work of Schedule 'G' & specified main materials of schedule 'H' and shall be of ISI marked.

I/We have carefully study the instructions / conditions mentioned above & do hereby undertake to agree for the same.

**SIGNATURE OF CONTRACTOR
WITH FULL ADDRESS:**

**EXECUTIVE ENGINEER (Elect-III),
JDA, JAIPUR**

Note :

1. किसी भी निविदा को बिना कारण बताए निरस्त किया जा सकता है।
2. आवेदक / संवेदक को निविदा प्राप्त करने के लिए आवेदन के साथ पंजीयन प्रमाण पत्र की प्रति प्रस्तुत करना अनिवार्य है।
3. आवेदक / संवेदक को निविदा प्रपत्र पर अपना पता एवं दूरभाष नम्बर अंकित करना अनिवार्य है।

Annexure A: Compliance with the code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall –

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

Conflict of Interest :-

The Bidder participating in a bidding process must not have a Conflict of interest. A conflict of interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a. Have controlling partners/shareholders in common ; or
 - b. Receive or have received any direct or indirect subsidy from any of them; or
 - c. Have the same legal representative for purposes of the Bid; or

- d. Have a relationship with each other; directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
- e. The Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
- f. The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
- g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/ consultant for the contract.

Annexure B: Declaration by the Bidder regarding Qualifications Declaration by the Bidder

In relation to my/our Bid submitted to for procurement of
..... in response to their Notice inviting Bids No.
.....Dated I/We hereby declare under Section 7 of Rajasthan
Transparency in Public Procurement Act, 2012, that :

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

Date :

Place :

Signature of bidder

Name :

Designation :

Address :

Annexure C: Grievance Redressal during Procurement Process

The designation and address of the First Appellate Authority is **Jaipur Development Commissioner, JDA, Jaipur**

The designation and address of the Second Appellate Authority is **Executive Committee, JDA, Jaipur**

(1) Filing an appeal

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued thereunder, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved: Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings: Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

(2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.

(3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

(4) Appeal not to lie in certain cases

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

- (a) Determination of need of procurement;
- (b) Provisions limiting participation of Bidders in the Bid process;

- (c) The decision of whether or not to enter into negotiations;
- (d) Cancellation of a procurement process;
- (e) Applicability of the provisions of confidentiality.

(5) Form of Appeal

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

(6) Fee for filing appeal

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(7) Procedure for disposal of appeal

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

FORM No. 1

[See Rule 83]

**Memorandum of Appeal under the Rajasthan
Transparency in Public Procurement Act, 2012**

Appeal No. of

Before the (First/Second Appellate Authority)

1. Particulars of appellant :

(i) Name of the appellant :

(ii) Official address, if any :

(iii) Residential address :

2. Name and address of the respondent (s) :

(i)

(ii)

(iii)

3. Number and date of the order appealed against and name and designation of the officer/authority who passed the order (enclose copy), or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:

4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative:

5. Number of affidavits and documents enclosed with the appeal :

6. Grounds of appeal :

(Supported by an affidavit)

7. Prayer :

Place

Date

Appellant's Signature

Annexure D: Additional Conditions of Contract

1. Correction of arithmetical errors

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

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

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

2. Procuring Entity's Right to Vary Quantities

(i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit prices or other terms and conditions of the Bid and the conditions of contract.

(ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the

Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.

(iii) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the supplier fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

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

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

Validate

Print

Help

Percentage BoQ

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work: Repair and Maintenance of Nehru Palace, Staff Quarters at Lal Kothi, Malviya Nagar, Sethi Colony for three years, JDA, Jaipur.

Contract No: JDA/EE (Elect-III)/07/2017-18

| | | | | | | |
|---|---|----------|--------|----------------|----------------------------|--|
| Bidder Name : | | | | | | |
| PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only) | | | | | | |
| NUMBER # | TEXT # | NUMBER # | TEXT # | NUMBER | NUMBER # | TEXT # |
| Sl. No. | Item Description | Quantity | Units | Estimated Rate | TOTAL AMOUNT Without Taxes | TOTAL AMOUNT In Words |
| 1 | 2 | 4 | 5 | 6 | 53 | 55 |
| 1 | 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. | | | | | |
| 1.1 | 1 x 1.5 sq.mm | 1000.00 | Mtr | 11.20 | 11200.0000 | INR Eleven Thousand Two Hundred Only |
| 1.2 | 2 x 1.5 sq.mm | 600.00 | Mtr | 20.80 | 12480.0000 | INR Twelve Thousand Four Hundred & Eighty Only |
| 1.3 | 1 x 2.5 sq.mm | 800.00 | Mtr | 16.80 | 13440.0000 | INR Thirteen Thousand Four Hundred & Forty Only |
| 1.4 | 2 x 2.5 sq.mm | 1500.00 | Mtr | 32.80 | 49200.0000 | INR Forty Nine Thousand One Hundred & Ninety Nine and Paise One Hundred Only |
| 1.5 | 1 x 4.0 sq.mm | 300.00 | Mtr | 24.00 | 7200.0000 | INR Seven Thousand Two Hundred Only |
| 1.6 | 1 x 6.0 sq.mm | 150.00 | Mtr | 36.80 | 5520.0000 | INR Five Thousand Five Hundred & Twenty Only |
| 1.7 | 1 x 10.0 sq.mm | 100.00 | Mtr | 62.40 | 6240.0000 | INR Six Thousand Two Hundred & Forty Only |
| 2 | P&F 240/415 V AC MCB with positive isolation 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, testing etc. as required. | | | | | |
| 2.1 | Single pole MCB 6 A to 32 A rating | 250.00 | Each | 120.80 | 30200.0000 | INR Thirty Thousand Two Hundred Only |
| 2.2 | Double pole MCB 6 A to 32 A rating | 20.00 | Each | 320.80 | 6416.0000 | INR Six Thousand Four Hundred & Sixteen Only |
| 2.3 | Four pole MCB 40 A 63 A rating | 32.00 | Each | 1102.40 | 35276.8000 | INR Thirty Five Thousand Two Hundred & Seventy Six and Paise Eighty Only |
| 3 | SITC of wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel made out of CRCA sheet , required hardware ,duly treated for derusting in 7 tank process with dephosphating and with powder coating on both side of panel in desired shade The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness , separate detachable gland plate M.S. base channel ,hinged door with locking arrangement for equipment/switchgear . Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required . Side walls and cable alley compartments having bolted type doors with / without detachable extension type structure. (only outer area on all sides shall be measured & panel to be fabricated from CPRI approved fabricator) | 60.00 | Sqmr. | 2201.60 | 132096.0000 | INR One Lakh Thirty Two Thousand & Ninety Six Only |
| 4 | Supplying and fixing of Aluminium / Copper bus bar by means of SMC / DMC type insulator, high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves. | | | | | |
| 4.1 | Electrolytic grade Aluminium bus bar | 50.00 | Kg | 336.00 | 16800.0000 | INR Sixteen Thousand Eight Hundred Only |
| 5 | SF of 110/220 V, LED (22.5 mm dia) Indicating lamp with integral circuit, terminal block, including connection etc. as required. | | | | | |
| 5.1 | Red/yellow/Green colour | 6.00 | Each | 120.00 | 720.0000 | INR Seven Hundred & Twenty Only |
| 6 | P & F of ac operated heavy duty 230 /440 Volt power contactor conforming to IS:13947-4-1/IEC:947-4-1 having provision of mechanical interlocking, auxilary contacts, Din rail mounting type including making connections, testing etc. as required. | | | | | |
| 6.1 | 4 pole Power contactors with following AC 1 Rating 100 Amp | 4.00 | Each | 4595.20 | 18380.8000 | INR Eighteen Thousand Three Hundred & Eighty and Paise Eighty Only |
| 7 | P&F of mechanical / digital time switch having following day / week programme and minimum 100 hours reserve and AC1 rating of 16-20 amperes including making connection, programming etc. as required | | | | | |
| 7.1 | One day & week reserve (digital type) | 4.00 | Each | 4596.80 | 18387.2000 | INR Eighteen Thousand Three Hundred & Eighty Seven and Paise Twenty Only |

| | | | | | | |
|------|---|---------|---------|----------|--------------|--|
| 8 | 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 60947-2 / IEC 60947-2 with front face and centralised 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 | | | | | |
| 8.1 | up to 100 Amp , 25 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu | 4.00 | Each | 5072.80 | 20291.2000 | INR Twenty Thousand Two Hundred & Ninety One and Paise Twenty Only |
| 8.2 | 200 Amp , 25/35kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu | 2.00 | Each | 12968.00 | 25936.0000 | INR Twenty Five Thousand Nine Hundred & Thirty Six Only |
| 9 | P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS :7098 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, testing etc. as required of size. | | | | | |
| 9.1 | 10.0 Sqmm 2 Core Complete Rate Armoured | 7000.00 | Mtr. | 109.60 | 767200.0000 | INR Seven Lakh Sixty Seven Thousand Two Hundred Only |
| 9.2 | 16.0 Sqmm 4 Core Complete Rate Armoured | 2000.00 | Mtr. | 142.40 | 284800.0000 | INR Two Lakh Eighty Four Thousand Eight Hundred Only |
| 9.3 | 25.0 Sqmm 3.5 Core Complete Rate Armoured | 2000.00 | Mtr. | 166.40 | 332800.0000 | INR Three Lakh Thirty Two Thousand Eight Hundred Only |
| 9.4 | 185 Sqmm 3.5 Core Complete Rate Armoured | 1000.00 | Mtr. | 733.60 | 733600.0000 | INR Seven Lakh Thirty Three Thousand Six Hundred Only |
| 10 | 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 185.0 Sq.mm | 500.00 | Mtr. | 1012.80 | 506400.0000 | INR Five Lakh Six Thousand Four Hundred Only |
| 11 | 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. (410 SP - 5) | 90.00 | Each | 5126.40 | 461376.0000 | INR Four Lakh Sixty One Thousand Three Hundred & Seventy Five and Paise One Hundred Only |
| 12 | Add for supply and fixing of M S Overhang of following size over the existing poles 76.1 mm OD x 3.25 mm thickness | 110.00 | Mtr | 360.00 | 39600.0000 | INR Thirty Nine Thousand Six Hundred Only |
| 13 | 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 25,000 Burning Hours with 70% of initial Lumens maintained. Fixture shall be in CE Compliance. IP - 65 Protected LED Street Light Luminaire LED Street Light fixture 80-90 Watt | 120.00 | Each | 10120.00 | 1214400.0000 | INR Twelve Lakh Fourteen Thousand Four Hundred Only |
| 14 | 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. | | | | | |
| 14.1 | Short point (up to 3 mtr.) | 50.00 | P.Point | 155.20 | 7760.0000 | INR Seven Thousand Seven Hundred & Fifty Nine and Paise One Hundred Only |
| 14.2 | Medium point (up to 6 mtr.) | 50.00 | P.Point | 234.40 | 11720.0000 | INR Eleven Thousand Seven Hundred & Twenty Only |
| 14.3 | Long point (up to 10 mtr..) | 50.00 | P.Point | 332.00 | 16600.0000 | INR Sixteen Thousand Six Hundred Only |

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| 15 | 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 tles,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. | | | | | |
| 15.1 | Short point (up to 3 mtr.) | 50.00 | P.Point | 157.60 | 7880.0000 | INR Seven Thousand Eight Hundred & Eighty Only |
| 15.2 | Medium point (up to 6 mtr.) | | | | 11880.0000 | INR Eleven Thousand Eight Hundred & Eighty Only |
| | | 50.00 | P.Point | 237.60 | | |
| 15.3 | Long point (up to 10 mtr.) | 50.00 | P.Point | 333.60 | 16680.0000 | INR Sixteen Thousand Six Hundred & Eighty Only |
| 16 | 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 on surface ISI marked (IS:14927 P - II) PVC casing capping & it's accessories, 18 SWG 175 mm x 100 mm x 60 mm M.S. box with earth terminal, 6 A switch, 6 A socket, 3.0 mm thick ISI marked phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required. | | | | | |
| 16.1 | On board | 50.00 | P.Point | 72.80 | 3640.0000 | INR Three Thousand Six Hundred & Forty Only |
| 16.2 | Short point (up to 3 mtr.) | 50.00 | P.Point | 185.60 | 9280.0000 | INR Nine Thousand Two Hundred & Eighty Only |
| 16.3 | Medium point (up to 6 mtr.) | | | | 10432.0000 | INR Ten Thousand Four Hundred & Thirty Two Only |
| | | 40.00 | P.Point | 260.80 | | |
| 16.4 | Long point (up to 10 mtr.) | 50.00 | P.Point | 353.60 | 17680.0000 | INR Seventeen Thousand Six Hundred & Eighty Only |
| 17 | Supplying and fixing of power plug point accessories on 18 SWG metal box of size 175 x 100 x 60 mm. 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. | 50.00 | Mtr | 188.00 | 9400.0000 | INR Nine Thousand Four Hundred Only |
| 18 | P & F 18 SWG Sheet steel boxes duly finished with two coats of red oxide and with earthing terminal of following sizes (nominal size) on surface or in recessed as required. | | | | | |
| 18.1 | 75mm x 75mm x 60mm | 10.00 | Each | 26.40 | 264.0000 | INR Two Hundred & Sixty Four Only |
| 18.2 | 100mm x 100mm x 60mm | 10.00 | Each | 36.00 | 360.0000 | INR Three Hundred & Sixty Only |
| 18.3 | 150mm x 75mm x 60mm | 10.00 | Each | 40.80 | 408.0000 | INR Four Hundred & Eight Only |
| 18.4 | 250mm x 100mm x 60mm | 10.00 | Each | 55.20 | 552.0000 | INR Five Hundred & Fifty Two Only |
| 18.5 | 300mm x 100mm x 60mm | 10.00 | Each | 66.40 | 664.0000 | INR Six Hundred & Sixty Four Only |
| 18.6 | 300mm x 300mm x 75mm | 10.00 | Each | 123.20 | 1232.0000 | INR One Thousand Two Hundred & Thirty Two Only |
| 19 | P & F in position frame made out of M.S. angle (riveted or welded) finished with two coats of red oxide and enamel paint including cutting, welding, holes etc.of following sizes as required. 50mm x 50mm x 6mm | 30.00 | Mtr | 250.40 | 7512.0000 | INR Seven Thousand Five Hundred & Twelve Only |
| 20 | P & Fixing M.S. sheet on existing angle iron frame by means of nuts and bolts and making required no. of holes for fixing accessories including two coat of red oxide paint and two coats of enamel paint etc. as required. 2.0 mm thick | 20.00 | Sqmr. | 828.80 | 16576.0000 | INR Sixteen Thousand Five Hundred & Seventy Six Only |
| 21 | P&F 240/415 V isolator conforming to IS:13947-III/ IEC 60947-3 on existing board / sheet including making connections, testing etc. as required. Double pole isolator 30 A / 40 A rating | 10.00 | Each | 238.40 | 2384.0000 | INR Two Thousand Three Hundred & Eighty Four Only |
| 22 | P&F Recessed/ Surface mounting heavy duty horizontal type sheet steel Distribution board phophatised/ powder painted complete with suitable rating insulated copper bus bar, shorting link , neutral link, earth link and din bar,masking sheet, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs , testing etc. as required. Single door (single phase) | | | | | |
| 22.1 | 8 Way | 2.00 | Each | 444.00 | 888.0000 | INR Eight Hundred & Eighty Eight Only |
| 22.2 | 12 Way | 2.00 | Each | 852.00 | 1704.0000 | INR One Thousand Seven Hundred & Four Only |
| 23 | P & F ISI marked (IS :3854) bell push surface type including making connection testing etc. as required. | 70.00 | Each | 16.00 | 1120.0000 | INR One Thousand One Hundred & Twenty Only |
| 24 | P & F of 3 pin 6 amp. flush type socket including cutting hole in tile and making connection testing etc. as required. | 30.00 | Each | 16.00 | 480.0000 | INR Four Hundred & Eighty Only |
| 25 | P & F 3/6 pin 16 amp flush type socket including cutting hole in tile and making connection testing etc. as required. | 40.00 | Each | 41.60 | 1664.0000 | INR One Thousand Six Hundred & Sixty Four Only |
| 26 | P & F ISI marked 6 amp bakelite batten/angle holder including making connection testing etc. as required. | 20.00 | Each | 16.00 | 320.0000 | INR Three Hundred & Twenty Only |
| 27 | P & F socket size flush type 120/280 watt rotary 5 step fan regulator including making connection testing etc. as required. | 50.00 | Each | 168.00 | 8400.0000 | INR Eight Thousand Four Hundred Only |

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| 28 | P & F ISI marked flush/surface type buzzer including making connection testing etc. as required. | 50.00 | Each | 40.00 | 2000.0000 | INR Two Thousand Only |
| 29 | P & F ISI marked single tone electronic call bell including making connection testing etc. as required. | 10.00 | Each | 180.00 | 1800.0000 | INR One Thousand Eight Hundred Only |
| 30 | P & F following modular accessories made out of unbreakable and fire retardant poly carbonate with silver contacts including making connections testing etc. as required | | | | | |
| 30.1 | 6 A one way switch | 150.00 | Each | 73.60 | 11040.0000 | INR Eleven Thousand & Forty Only |
| 30.2 | 6 A two way switch | 10.00 | Each | 87.20 | 872.0000 | INR Eight Hundred & Seventy Two Only |
| 30.3 | 16 A one way switch | 25.00 | Each | 110.40 | 2760.0000 | INR Two Thousand Seven Hundred & Sixty Only |
| 30.4 | 6 A 3 pin shuttered socket | 70.00 | Each | 96.00 | 6720.0000 | INR Six Thousand Seven Hundred & Twenty Only |
| 30.5 | 16 A 6 pin shuttered socket | 20.00 | Each | 151.20 | 3024.0000 | INR Three Thousand & Twenty Four Only |
| 30.6 | 13 A flat pin English socket | 10.00 | Each | 160.80 | 1608.0000 | INR One Thousand Six Hundred & Eight Only |
| 30.7 | 5 step fan regulator 2 Module | 20.00 | Each | 368.00 | 7360.0000 | INR Seven Thousand Three Hundred & Sixty Only |
| 31 | Pipe Earthing as per IS:3043 with perforated 3.0 Mtr. Long, 40 mm dia. ' B ' class G.I. 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 300mm x 300 mm and embodying the pipe complete with alternate layers salt and coke/charcoal, testing of earth resistance as required. | 25.00 | Per Set | 1320.00 | 33000.0000 | INR Thirty Three Thousand Only |
| 32 | S & Laying following size' B ' class G.I. Pipe confirming to IS : 1239 P - 1 (1990) with accessories for laying earth conductor/strip / cable in ground/surface/recess as required | | | | | |
| 32.1 | 32mm dia | 50.00 | Mtr | 187.20 | 9360.0000 | INR Nine Thousand Three Hundred & Sixty Only |
| 32.2 | 50 mm dia. | 50.00 | Mtr | 286.40 | 14320.0000 | INR Fourteen Thousand Three Hundred & Nineteen and Paise One Hundred Only |
| 33 | P & F double ball bearing capacitor start, aluminium body & blade ceiling fan with down rod up to 30 cm with 3 x 1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required. | | | | | |
| 33.1 | 1200 mm sweep | 50.00 | Each | 1160.80 | 58040.0000 | INR Fifty Eight Thousand & Forty Only |
| 33.2 | 1400 mm sweep | 15.00 | Each | 1228.80 | 18432.0000 | INR Eighteen Thousand Four Hundred & Thirty Two Only |
| 34 | P&F of Double ball bearing, capacitor start single phase metallic blade fresh air fan, in existing opening including cost of hardware , flexible copper conductor ,making connections, testing etc. as required. | | | | | |
| 34.1 | 225 mm sweep | 3.00 | Each | 1291.20 | 3873.6000 | INR Three Thousand Eight Hundred & Seventy Three and Paise Sixty Only |
| 34.2 | 300 mm sweep | 3.00 | Each | 1484.80 | 4454.4000 | INR Four Thousand Four Hundred & Fifty Four and Paise Forty Only |
| 35 | P & F of ventilating fans, Capacitor start, single phase with PVC impeller, ABS body, automatic openable louver shutter in existing opening including making connection, testing etc. as required. | | | | | |
| 35.1 | 150 mm sweep | 10.00 | Each | 1012.00 | 10120.0000 | INR Ten Thousand One Hundred & Twenty Only |
| 35.2 | 200 mm sweep | 10.00 | Each | 1132.80 | 11328.0000 | INR Eleven Thousand Three Hundred & Twenty Eight Only |
| 36 | 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 release 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. 25 Ltr. | 15.00 | Each | 7126.32 | 106894.8000 | INR One Lakh Six Thousand Eight Hundred & Ninety Four and Paise Eighty Only |
| 37 | P & F ISI marked (IS:2082) Horizontal 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 , 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 release 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. connection,testing etc. as required. | | | | | |
| 37.1 | 10 Ltr. | 15.00 | Each | 6177.80 | 92667.0000 | INR Ninety Two Thousand Six Hundred & Sixty Seven Only |
| 37.2 | 15 Ltr. | 15.00 | Each | 6210.00 | 93150.0000 | INR Ninety Three Thousand One Hundred & Fifty Only |

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| 38 | P & F strip type fluorscent tube fitting fabricated from (CRCA sheet and finished with powder coating / stove enamelled paint) / (extruded non corrosive UV resist EP channel) complete with accessories (Low Loss Copper Choke, starter, starter seat) / Electronic Choke with terminal block duly previred with copper conductor including making connection, testing etc. as required(without tube). | | | | | |
| 38.1 | 1 X 18 Watts with EB | 60.00 | Each | 292.80 | 17568.0000 | INR Seventeen Thousand Five Hundred & Sixty Eight Only |
| 38.3 | 1 X 36 Watts with EB | 60.00 | Each | 301.60 | 18096.0000 | INR Eighteen Thousand & Ninety Six Only |
| 39 | P&F Fluorscent tube rod in existing fixtures as required Fluorscent powder coated (minimum 3 star rating) | | | | | |
| 39.1 | 18/20 Watts | 150.00 | Each | 47.20 | 7080.0000 | INR Seven Thousand & Eighty Only |
| 39.2 | 36/40 Watts | 450.00 | Each | 50.40 | 22680.0000 | INR Twenty Two Thousand Six Hundred & Eighty Only |
| 40 | P & F Ballast for existing FTL / CFL fixture as required. | | | | | |
| 40.1 | copper ballast 18/36 Watts suitable for FTL | 150.00 | Each | 216.00 | 32400.0000 | INR Thirty Two Thousand Four Hundred Only |
| 40.2 | High frequency electronic ballast 18/36 watts for FTL | 150.00 | Each | 460.00 | 69000.0000 | INR Sixty Nine Thousand Only |
| 41 | P & F Capacitors for power factor improvement in existing fluorscent lamp fixture as required. | | | | | |
| 41.1 | 4 Mfd 250 V | 65.00 | Each | 99.20 | 6448.0000 | INR Six Thousand Four Hundred & Forty Eight Only |
| 41.2 | 8 Mfd 250 V | 85.00 | Each | 135.20 | 11492.0000 | INR Eleven Thousand Four Hundred & Ninety One and Paise One Hundred Only |
| 42 | Rewinding of ceiling fan motor (starting and running winding) including all necessary material. The motor is to be wound taking no. of coils, turns and pitch as it was originally wound with required size super enamelled wire with 'E' class insulation material and making connections etc. as required. (New model ceiling fan) 900/1200 mm sweep (New model ceiling fan) | 100.00 | Each | 216.00 | 21600.0000 | INR Twenty One Thousand Six Hundred Only |
| 43 | Labour charges for removing and refixing of Ceiling fan/ Exhaust fan from site | 100.00 | Each | 28.80 | 2880.0000 | INR Two Thousand Eight Hundred & Eighty Only |
| 44 | Providing and Replacement of Gun metal bush of ceiling/exhaust/cooler fan/ as required. | 100.00 | Each | 99.20 | 9920.0000 | INR Nine Thousand Nine Hundred & Twenty Only |
| 45 | Desert Cooler 3 Speed rotary switch for Desert Cooler | 100.00 | Each | 43.20 | 4320.0000 | INR Four Thousand Three Hundred & Twenty Only |
| 46 | P & Replacement of M.S. Shaft of fan motor for Desert Cooler/ exhaust fan. | 100.00 | Each | 101.60 | 10160.0000 | INR Ten Thousand One Hundred & Sixty Only |
| 47 | Servicing and overhauling of 20" sweep desert cooler including oiling, greasing, painting of tank from inside with rubber paint after properly desmantling each assembly and refixing the same as required. | 200.00 | Each | 115.20 | 23040.0000 | INR Twenty Three Thousand & Forty Only |
| 48 | Painting of desert cooler with two coats of rubber paint inside of water tank and two coat of synthetic enamelled paint on both side of cooler body, fan body, grills etc. after cleaning with sand paper, complete in all respect as required. | 50.00 | Each | 277.60 | 13880.0000 | INR Thirteen Thousand Eight Hundred & Eighty Only |
| 49 | P & replacement of shaft for vertical pump of desert cooler as required. | 50.00 | Each | 43.20 | 2160.0000 | INR Two Thousand One Hundred & Sixty Only |
| 50 | P & F fan motor suitable for 20" desert cooler including making connection testing etc. as required. CG/ COOLHOME/ KHAITAN fan motor make | 15.00 | Each | 1160.00 | 17400.0000 | INR Seventeen Thousand Four Hundred Only |
| 51 | Rewinding of Heavy duty Exhaust fan motor including all necessary material, The motor is to be wound taking no. of coils, turns and pitch as it was originally wound with required size super enamelled wire with 'E' class insulation material and making connections etc. as required. 300/ 380 mm sweep | 40.00 | Each | 361.60 | 14464.0000 | INR Fourteen Thousand Four Hundred & Sixty Four Only |
| Total in Figures | | | | | 5714851.8000 | INR Fifty Seven Lakh Fourteen Thousand Eight Hundred & Fifty One and Paise Eighty Only |
| Quoted Rate in Figures | | | Select | | 0.0000 | INR Zero Only |
| Quoted Rate in Words | | INR Zero Only | | | | |