

**Government of India**  
**Ministry of Communications**  
**Department of Posts – Electrical Wing**  
**Postal Electrical Sub-Division Bhubaneswar-751 001**

**Name of Work: Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.**

**NIT No. 4 /AE/PESD/BBSR/NIT/2026-27**

**Dated: 18-05-2026**

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**This NIT contains 38 pages (Tender documents page1 to 37 and BOQ 1pages)**

**DISIONAL NIT NO. -17/EE/PED/KOL/NIT/2026-27**

Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001

**INSTRUCTIONS TO THE CONTRACTORS/BIDDERS FOR THE E-SUBMISSION OF THE BIDS ONLINE THROUGH  
TENDER SITE <https://eprocure.gov.in/eprocure/app>**



This tender document has been published on the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>

**REGISTRATION**

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app> ) by clicking on the link “Click here to Enroll” on the CPP Portal. Enrolment is free of Charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

**SEARCHING FOR TENDER DOCUMENTS**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

**PREPARATION OF BIDS**

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted.
- 2) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / JPEG formats.
- 3) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Document” area available to them to upload such documents. These documents may be directly submitted from the “My Document” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

**SUBMISSION OF BIDS**

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the EMD and enter details of DD/any other accepted instrument. Bidder has to select the payment option as required from the drop down to pay the EMD and enter details DD/any other accepted instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the the Tender processing section, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time otherwise the Tender will be summarily rejected.
- 5) The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected.
- 6) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. The price bid has been given as a standard BoQ format (BoQ\_XXXXX.xls) with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the green colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ\_XXXXX.xls file is found to be modified by the bidder, the bid will be rejected.
- 7) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission. The bidders are requested to submit the bids through online e-tendering system to the TIA well before the bid submission end date & time (as per Server System Clock).
- 8) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening.
- 9) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 10) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 11) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### **ASSISTANCE TO BIDDERS**

- 1) Any queries relating to the tender document and the terms and conditions contained there in should be addressed to the tender inviting authority i.e. Assistant Engineer (E), Postal Electrical Sub-Division Bhubaneswar-751 001
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is **0120-4711508 / 4001002 / 6277787 and Email ID : support-eproc&nic.in cpp-nin&nic.in.**

## UNDERTAKING

To be submitted by bidders (on company letter head duly signed with stamp & seal) online in pdf format on or before on 25-05-2026 upto 11.00 AM .

Date:

To

**Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001**

Subject: Acceptance of Terms & Conditions of Tender and undertaking in case i/we becomes lowest bidder.

NIT No: 4 /AE/PESD/BBSR/NIT/2026-27

Dated: 18-05-2026

**Name of Work: Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.**

Dear Sir,

1. I/We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site namely: <https://eprocure.gov.in/eprocure/app> as per your advertisement, given in the above mentioned website.

2. I/We hereby certify that I / we have read the entire terms and conditions of the tender document from Page No. 1 to 38 (including all documents like annexures, schedules, etc.), which form part of the contract agreement and I/we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this bid.

4. I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I/We hereby undertake that the certified copy of all the scanned and uploaded documents as specified in notice inviting tender shall be deposited by me/us in the office of Assistant Engineer (E) Postal Electrical Sub-Division Bhubaneswar-751 001 in case I/we become the lowest bidder within seven days of the opening of financial bid otherwise department may reject the bid and also take action to debar me/us from tendering in Department of Posts.

6. In case any provisions of this tender are found violated, then your department/ organisation shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

**AFFIDAVIT****{Notarized affidavit shall be made on non-judicial stamp paper of value not less than Rs.10/-}****( Scanned copy to be submitted by bidder at the time of submission of bid)**

I, .....(Name), Son/Daughter/wife of ..... aged about..... years, resident of ..... (Full Address) by Occupation- Contractor, by Nationality- Indian, do hereby solemnly affirm on oath and declare as under:

NIT No:- 4 /AE/PESD/BBSR/NIT/2026-27

Dated: 18-05-2026

**Name of Work: Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.**

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for bidding in DOP-Civil wing in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

(Signature of the Bidder with official Seal)



**DEPARTMENT OF POSTS**

Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001

**NOTICE INVITING e-TENDER**

NIT No. 4 /AE/PESD/BBSR/NIT/2026-27

Dated: 18-05-2026

The Assistant Engineer (E) Postal Electrical Sub-Division Bhubaneswar-751 001 invites on behalf of the president of India, online percentage rate tenders from approved and eligible contractors of DOP and those of appropriate class and category of CPWD, MES, BSNL, Railways and B&R wing of Odisha PWD for the following work(s):

NIT No	4 /AE/PESD/BBSR/NIT/2026-27
Name of Work	Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.
Estimated Cost (Rs.)	<b>423202.00</b>
EMD (Rs.)	<b>8464.00</b>
Tender Processing fee	Not Applicable
Time for completion of work	30 days
Last Date & Time of Submission of Technical And Financial Bid	25-05-2026 upto 11.00 AM
Date & Time of Opening of Technical Bid	26-05-2026 after 12.30 PM
Validity of the Tender	<b>75 (SEVENTY FIVE DAYS) from last date of receipt of technical bid</b>

Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001

No. /AE/PESD/BBSR/NIT/2026-27 /165  
Copy to

Dated: 18-05-2026

1. The CPMG, Odisha Circle for information please.
2. The SE(E), PEC, Bengaluru for information
3. The Executive Engineer (E), PED Kolkata, with a request to put the NIT on Notice Board.
4. Tender Clerk/ cashier in Division, office for information.
5. Notice Board
6. Work file
7. Draft NIT

Assistant Engineer (E)  
Postal Electrical Sub-Division, Bhubaneswar

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF BID DOCUMENT**



The Assistant Engineer (E) Postal Electrical Sub-Division Bhubaneswar-751 001 invites on behalf of the president of India, online percentage rate tenders from approved and eligible contractors of approved and eligible contractors of DOP and those of appropriate class and category of CPWD, MES, BSNL, Railways and B&R wing of Odisha PWD for the following work(s):

NIT No	4 /AE/PESD/BBSR/NIT/2026-27
Name of Work	Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.
Estimated Cost (Rs.)	<b>423202.00</b>
EMD (Rs.)	<b>8464.00</b>
Tender Processing fee	Not Applicable
Time for completion of work	30 days
Last Date & Time of Submission of Technical And Financial Bid	25-05-2026 upto 11.00 AM
Date & Time of Opening of Technical Bid	26-05-2026 after 12.30 PM
Validity of the Tender	<b>75 (SEVENTY FIVE DAYS) from last date of receipt of technical bid</b>

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

2. Information and Instructions for bidders posted on website shall form part of bid document.

3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <https://eprocure.gov.in/eprocure/app> free of cost.

4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, DOP within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of the

Accounts Officer, Postal Electrical Division (PED), Kolkata as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), DOP

OR scanned copy of UTR of RTGS/NEFT in case the Earnest Money deposited through RTGS/NEFT in the account of Accounts Officer, PED, Kolkata having A/c No 32348385589, IFSC CODE-SBIN0000001 SBI nil Branch and other documents as specified.

5. Those contractors not registered on the website mentioned above, are required to get registered beforehand.

6. The intending bidder must have valid Class III Certificates with signing key usage to submit the bid.

7. Contractor must ensure to quote percentage above/below/at par estimated cost put to bid. However, if a tenderer does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

8. Contractor can upload documents in the form of PDF / XLS / JPEG formats.

**List of Documents to be scanned and uploaded in .pdf format within the period of bid submission:**

i) Insurance Surety Bonds, NEFT/RTGS Receipt, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a Commercial Bank against EMD.
ii) Copy of receipt for deposition of original EMD to division office of any EE (Electrical/Civil), DOP, if submitted in physical form.
iii) Undertaking as per page 4 of this NIT.

iv) Copy of Enlistment Order/Registration certificate with appropriate Authority as per NIT.
v) CA Certificate with Unique Document Identification Number (UDIN) to establish the turnover.
vi) WORK EXPERIENCE CERTIFICATES of requisite magnitude with appropriate Authority as per NIT. The contractor is required to submit satisfactory work completion certificate issued by an officer not below the rank of Executive Engineer, clearly stipulating the "Date of start, stipulated date of completion, actual date of completion". The completion certificate without these details shall not be considered and tender shall be rejected.
vii) Affidavit (on non-judicial stamp paper of value Rs. 10/- and duly notarized) as per provisions of CPWD-6: "I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in DOP in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee".
viii) GST registration Certificate, if already obtained by the bidder. If the bidder has not obtained GST registration as applicable, then he will scan and upload the following undertaking: "If work is awarded to me, I/we shall obtain GST registration Certificate of the State, in which work is to be taken up, within one month from the date of receipt of award letter or before release of any payment by the Department, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by the department or GST department in this regard."
ix) PAN Card
x) Valid Electrical Contractor License as per IE Rules/Central Electrical Authority (Measures relating to safety and electric supply) Regulations 2010 in pdf format.
xi) Tender Document in .pdf format (TenderDocument_4.pdf file) digitally signed. If the tender document is not uploaded, BOQ shall not be opened."
xii) Bill of Quantities (BoQ) /Performa for quoting the percentage in .xls format.
xiii) Any other Document as specified in the NIT.
xiv) The e-Tenders invited under two envelopes system on <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> , the first electronic envelope will be named as Technical Bid Envelope & will contain documents of bidder's satisfying the eligibility conditions and tender documents i/c Schedule of Work and second electronic envelope will be named as Financial Bid Envelope containing Bill of Quantities (BoQ)/Performa for quoting the percentage. The bidder shall submit TECHNICAL BID & FINANCIAL BID envelope simultaneously. The TECHNICAL BID envelope will be evaluated first and thereafter FINANCIAL BID envelope of eligible bidders shall only be opened. The time and date of opening of financial bid of contractors qualifying the eligibility bid shall be communicated to them at a later date. These bids shall contain one set of the following documents: - (a) ENVELOPE-1 (TECHNICAL BID) shall contain all the aforementioned documents except sl. no. (xii). (b) ENVELOPE-2 (FINANCIAL BID) shall contain documents mentioned at serial no. (xii).

**Note:** - The Sl. No. (v) and (vi) are not applicable for DOP enlisted contractors of appropriate class.

Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001

**Government of India**  
**DEPARTMENT OF POSTS**  
**NOTICE INVITING TENDER (PWD 6)**  
**(e-tendering mode)**

Percentage rate tenders are invited on behalf of President of India from approved and eligible contractors of DOP and those of appropriate class and category of CPWD, M.E.S., BSNL, Railway and B&R wing Odisha PWD for the work of Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO..

1 The enlistment of the contractor should be valid on the last date of submission of tender.

In case only the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tender.

1.1 The work is estimated to cost Rs. 423202/-. This estimate, however, is given merely as a rough guide.

**1.2 Criteria of eligibility for submission of bid documents:**

1.2.1 The firms should be Registered/ Enlisted in appropriate class and category for Electrical Work in DOP/ BSNL/ CPWD/ Railways/ MES / Buildings & Roads wing of Odisha PWD.

**1.2.2 Eligibility Condition for Non-DOP registered contractors only:**

**A. Physical:**

The Firm should have following experience of having satisfactorily completed works in DOP/ BSNL/ CPWD/ Railways/ MES / Buildings & Roads wing of Odisha PWD during last seven years ending last day of the month previous to the one in which applications are invited:

Three similar works each costing not less than Rs.1.69 Lakhs i.e. 40% of the estimated cost put to tender

OR

Two similar works each costing not less than Rs.2.54 Lakhs i.e. 60% of the estimated cost put to tender

OR

One similar work each costing not less than Rs.3.39 Lakhs i.e. 80% of the estimated cost put to tender

**Note:**

(i) Similar work means “Internal/External Electrical Works” The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of application for tenders.

(ii) Certificate of successful completion of work in respect of the experience issued by an officer not below the rank of Executive Engineer or equivalent and shall clearly mention the capacity of the system, amount of work done. Works in which compensation is levied shall not be treated as satisfactory completion. If the work is completed beyond the stipulated date of completion, then compensation levied or not levied should be mentioned in the completion report.

(iii) Joint Ventures are not accepted.

**B. Financial:**

Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 50% of the estimated cost put to tender. CA Certificate with Unique Document Identification Number (UDIN) to establish the turnover copy of the same is to be uploaded by the firm. Year in which no turnover is shown would also be considered for working out the average. The value of annual turnover figures shall be brought to the current value by enhancing the actual turnover figures at simple rate of 7% per annum.

**C. Affidavit:**

To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under: -

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid as per Annexure-III in page no 5)

1.2.3 The firm should have valid GST registration certificate, if already obtained by the bidder. If the bidder has not obtained registration as applicable, then he will scan and upload the following undertaking:

"If work is awarded to me, I/we shall obtain GST registration Certificate of the State, in which work is to be taken up, within one month from the date of receipt of award letter or before release of any payment by the Department, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by the department or GST department in this regard."

1.2.4 The firm should have valid PAN Card.

1.2.5 The firm should have valid Electrical contractor's license as per IE rule/Central Electrical Authority (Measures relating to safety and electric supply) Regulations 2010.

- 2 Agreement shall be drawn with the successful tenderer on prescribed form No.C.P.W.D.- 7/8 (or standard form as mentioned) which is available as a Govt. of India Publication and also available on website [www.cpwd.gov.in](http://www.cpwd.gov.in). Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
- 3 The time allowed for carrying out the work will be 30 days from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
- 4 The site for the work is available.
- 5 The bid documents consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except standard general conditions of contract form can be seen from website <https://eprocure.gov.in/eprocure/app>.
- 6 After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
- 7 While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
- 8 Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque

or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of the Accounts Officer, PED, Kolkata) shall be scanned and uploaded to the e-Tendering website within the period of bid submission.

The original EMD should be deposited either in the office of Executive Engineer/Assistant Engineer inviting bids or division office of any Executive Engineer, DOP within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (as per the given performa in page 16) uploaded by tender inviting EE in NIT.

Earnest Money can also be deposited through Direct Credit/NEFT/RTGS/ECS in the account of Accounts Officer, Postal

Electrical Division, Kolkata having Account No. 32348385589, IFSC Code- SBIN0000001 nil.

The transaction details of remittance of Earnest money to A/c should be filled at appropriate place while submitting the online bids. The unique transaction reference (UTR) of Direct Credit/NEFT/RTGS/ECS shall have to be uploaded by the bidder in the e-tendering system by the prescribed date. The Executive Engineer concerned will get earnest money verified from the Bank based on the unique transaction reference number against each Direct Credit/NEFT/RTGS/ECS payment before the tenders are opened.

**Note:**

- (i) Earnest money must be deposited through separate transaction.
- (ii) The bidder will use one UTR for one work only. In case it is found that he has used one UTR number for different tenders submitted by him will be rejected and he shall be debarred from further tendering in the department in future.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money of 20 lakh, whichever is less, shall have to be deposited in the shape prescribed above and balance may be deposited in shape of bank guarantee issued by any Scheduled Bank having validity of six months or more from last date of receipt of bids which is to be scanned and uploaded by the intending bidders.



The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

- 9 Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e- tender notice shall have to be submitted by the lowest bidder within a week of opening of financial bids, physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any Electrical/Civil Division of DOP and other documents scanned and uploaded are found in order.
- 10 The e-Tenders shall be submitted under two envelopes system to the e-tendering website before the last date and time of Bid submission, the first electronic envelope will be named as **Technical BID Envelope** & shall contain documents of bidder's satisfying the eligibility conditions and tender document i/c schedule of works and second electronic envelope shall be named as **Financial BID Envelope** containing Bill of Quantities (BoQ). The bidder shall submit TECHNICAL BID & FINANCIAL BID simultaneously. The technical bids will be evaluated first and thereafter financial bids of eligible bidders only shall be opened. These envelopes shall contain one set of the following documents:-
  - 10.1 TECHNICAL BID ENVELOPE shall contain the following documents: (Scanned copy of notarised English version should also be uploaded for documents in regional language)
    - a) Receipt of deposition of original EMD issued from division office of any Executive Engineer (including NIT issuing EE/AE), DoP; if deposited in physical form, NEFT/RTGS receipt (online payment receipt with UTR number).
    - b) Scanned copy of PAN Card in .pdf format.
    - c) Scanned copies of Certificate of Registration of GST/Certificate of provisional registration for GST in .pdf format.
    - d) Scanned copy of valid electrical Contractor License as per IE Rules/Central Electrical Authority (Measures relating to safety and electric supply) Regulations 2010 in .pdf format.
    - e) Scanned copy of valid Enlistment Order/ Registration certificate in the appropriate class of appropriate Authority as applicable in .pdf format.
    - f) Scanned Copy of Affidavit (on non-judicial stamp paper of value Rs. 10/- and duly notarized) as per provisions of CPWD-6:
    - g) Scanned copy of UNDERTAKING (as per page 4 of this document) duly filled, stamped & signed in .pdf format.
    - h) Scan copies of WORK EXPERIENCE CERTIFICATES of requisite magnitude with appropriate Authority as per NIT in .pdf format. The contractor is required to submit satisfactory work completion certificate issued by an officer not below the rank of Executive Engineer, clearly stipulating the "Date of start, stipulated date of completion, actual date of completion". The completion certificate without these details shall not be considered and tender shall be rejected.
    - i) Scanned copy of Chartered Accountant's Certificate for turnover for last 3 financial years in .pdf format.
    - j) Tender Document in pdf format (TenderDocument\_4.pdf file) digitally signed. If the tender document is not uploaded, BOQ shall not be opened.
    - k) Any other document required to establish the eligibility as per the NIT conditions.

11.2 **Financial Bid Envelope shall contain :**

- a) Schedule of Quantities (SoQ) in xls format (BoQ\_4.xls) file duly filled & digitally signed without changing the name of file.

- 11.3 The bidder shall have to download the Full Tender Documents and again shall upload the documents with Digital Signature before the prescribed date and time of submission.
- 11.4 All documents shall be self attested/digitally signed & original document may be demanded at anytime before or after award of work.
- 11.5 The online bids shall be submitted up to 25-05-2026 upto 11.00 AM. Online Technical bid envelope will be opened by Assistant Engineer (E), Postal Electrical Sub-Division, Bhubaneswar-751 001 or his authorized representative in his office on 26-05-2026 after 12.30 PM. The technical bids will be evaluated first and thereafter financial bids of eligible bidders only will be opened
- 11.6 In case the date of opening of bid is declared to be a holiday, the date of opening of bid will get shifted automatically to next working day at the same scheduled time.

**12 The bid submitted shall become invalid if:**

- 12.1 The bidder is found ineligible.
- 12.2 The bidder does not upload all the eligibility documents as stipulated in the bid document (as per para 11.1 & 11.2 above) including the NIT documents, Tender documents and Schedule of Quantities/Works including the Undertaking.
- 12.3 If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
- 12.4 If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
- 13 The eligibility/technical bid envelope on <https://eprocure.gov.in/eprocure/app> shall be opened first on due date and time as specified herein above. The time and date of opening of financial bid envelope of contractors qualifying the eligibility bid shall be communicated to them at a later date.
- 14 Addendum / Corrigendum shall be uploaded by the Engineer-in-Charge, if felt necessary by him, which shall form part of tender document.
- 15 The contractor whose bid is accepted will be required to furnish performance guarantee of **at specified percentage of tendered amount as mentioned in Schedule 'E'** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank (in case guarantee amount is more than Rs. 1,00,000/-) in accordance with the prescribed form given at page 34 of this NIT. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

The contractor whose bid is accepted will also be required to furnish either copy of the applicable licences/registrations or proof of applying for labour licences, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No, if applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for said work, and Programme Chart (Time and Progress) within the period specified in Schedule 'F'.

- 16 Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

- 17 The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
- 18 Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
- 19 The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
- 20 The contractor shall not be permitted to bid for works in the Postal Electrical Circle responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior 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 Department of Posts. Any breach of this condition by the contractor would render him liable to be debarred for tendering in this Department.
- 21 No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
- 22 The bid for the works shall remain open for acceptance for a period of Seventy Five (75) days from the last date of receipt opening of technical bid.

Further,

i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department, within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department, after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.

- 23 This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid

by the Accepting Authority shall within 7 days from the stipulated date of start of the work, sign the contract consisting of:-

- 23.1 The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online (in BoQ\_4.xls file) at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
- 23.2 Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.
- 23.3 CPWD General Conditions of Contract 2020 (GCC2020) Maintenance works including up to date corrections, if any, thereof.
- 24 Integrity Pact: The contractor shall download the Integrity Pact, which is a part of tender documents, affix his signature in the presence of a witness, and upload the same while submitting online bids for all works of estimated cost put to tender equal or more than the threshold value given in Schedule-F. In the event of his failure to sign and upload the Integrity Pact along with other bid documents, his bid shall be rejected.

- 25 In case any discrepancy is noticed between the document as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Tender Inviting Officer, then the bid submitted shall become invalid and the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the retendering process of the work.
- 26 Any issue related to uploading tender can be resolved through the concerned Assistant Engineer (E) PESD Bhubaneswar Ph:0674 2391942.

OR website helpline no. 0120-4001002, 0120-4001005, 0120-6277787 or e-mail:eproc@nic.in for Technical Support & cppo-doe@nic.in for Policy related issue. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

For & on behalf of the President of India

Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001

## IMPORTANT NOTE FOR CONTRACTORS



- 1 The firm shall quote the percentage rate including all type of taxes, duties and other levies and GST. Statutory deduction shall be made at source as per Government rules.
- 2 **All applicable taxes i/c GST and labour cess etc as applicable, shall be borne by the contractor himself. The contractor shall quote his rate considering all such taxes and hence their quoted rates should be inclusive of all the tax components.**
- 3 Additional condition of any payment on account of any tax whatsoever will not be accepted. In case of additional conditions for the payment of such claims by the contractor, the tender may be liable to be summarily rejected by the accepting authority.
- 4 STANDING ORDER No.286
- 4.1 Tender rates are inclusive of all taxes and levies payable under the respective states. However pursuant to the constitution (Forty Six Amendment) Act 1982, If any further tax or levy is imposed by a state, after the date of receipt of a tender and the contractor thereupon necessarily and properly pays such taxes/ levies the contractor shall be reimbursed that amount to be paid provided such payment if any is not in the opinion of Superintending Engineer (E) (whose decision, will be said binding) attributable to delay in execution of work within the control of the contractor.
- 4.2 The Contractor shall keep necessary books of accounts and other documents for the purpose of his condition as may be necessary of Government and further shall furnish such other information as the Engineer-in-charge may require.
- 4.3 The Contractor shall within 30 days of imposition of any further tax or levy pursuant to the constitution (46th amendment) Act 1982 gives written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition together with all necessary information relating thereto.
- 4.4 Clause 10CC is not applicable to this tender.
- 5 The person/ persons whose tender(s) may be accepted (hereinafter called the contractor (s) shall permit Govt. at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running bill till the sum along with the sum already deposited as earnest money, will amount to security deposit of 2.5% of the tendered value of the work.
- 6 All the stores and materials required for the satisfactory completion of the work shall be arranged at site by the contractor from his own sources. Safe custody of the material at site will be responsibility of the contractor.
- 7 At the site of work more than one agency may be working. Full co-operation shall be extended to other agencies during progress of work. The work will be carried out in such a way so that it may not cause abnormal noise and hindrance to the officers of the DOP engaged in erection as well as to normal routine work.
- 8 Department reserves the right to accept the quantities in full or part or delete any quantity.
- 9 All light fixtures i/c street lights, and gate lights, Ceiling fan, wall mounted/exhaust fans etc should be supplied at the time of actual requirement as per the written direction/decission of Engineer in Charge.
- 10 All LED lamps should have a warranty of five years from manufacturer from the date of commissioning. During maintenance period the agency executing the work should co-ordinate with the manufacturer for the warranty claim and the remaining period, the user to contact the manufacturer for the clain the warranty.
- 11 Amendment of Clause 37 & 38 of standard GCC: Sales tax/VAT & Service tax and other taxes shall be governed by the constitution(One hundred and first amendment) Act 2016 regarding introduction of anational GOODS & SERVICES TAX IN INDIA from 1st July 2017. Necessary recovery shall be made effective as per the GOI orders in this regard under this Act from the bills under the contract by the department.

Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001

**Format for Receipt of Deposition of Physical Earnest Money**

Receipt No. \_\_\_\_\_

Date: \_\_\_\_\_

1	NIT No.	4 /AE/PESD/BBSR/NIT/2026-27
2	Name of work	Name of Work: Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.
3	Estimated Cost	423202.00
4	Earnest money deposit	8464.00
5	Last date and time of submission of bids	25-05-2026 upto 11.00 AM

Name of bidder# : .....

Form of EMD# : .....

Amount of EMD# : .....

Date of submission of EMD# : .....

Signature, name and designation of EMD receiving officer(EE/ AE(P)/ AE/ AAO) along with Office Stamp

**Note: # To be filled by officer receiving the EMD.**

1. The Executive Engineers of all Postal Civil / Electrical Divisions should receive the physical EMD of other divisions.
2. The Executive Engineer receiving the physical EMD shall examine the EMD deposition by the bidder and shall issue the receipt of deposition of Earnest Money in the above format. The receipt may be issued by AE / AAO.
3. The Executive Engineer receiving physical EMD should also intimate tender inviting Executive Engineer about deposition of EMD by bidder through e-mail / fax or over phone.
4. The tender inviting Executive Engineer will call for physical EMD of the L-1 bidder from EMD receiving Executive Engineer immediately.
5. The physical EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website [https://eprocure.gov.in/eprocure/app\[Tender Status&gt; AOC\]](https://eprocure.gov.in/eprocure/app[Tender Status&gt; AOC]) for the tender ID to be obtained from the tender inviting Executive Engineer) that the particular contractor is not L-1 bidder and work is awarded.
6. List of Executive Engineers (along with address), where physical EMD can be deposited is enclosed as NIT Annexure – II.

**List of Executive Engineers with address**

The Executive Engineer (E) Postal Electrical Division-I, MeghdootBhawan,New Delhi -110001.Ph: 011-23514049	The Executive Engineer (E) Postal Electrical Division-II, MeghdootBhawan,New Delhi -110001.Ph: 011-23514049	The Executive Engineer (C) Postal Civil Division, MeghdootBhawan,New Delhi – 110001. Ph: 011-23628366
The Executive Engineer (E) Postal Electrical Division CSO, Gandhi Nagar, Jaipur – 302015. Ph: 0141 – 2708841	The Executive Engineer (C) Postal Civil Division, 2nd Floor, HPO Building Shastri Nagar, Jaipur – 302016. Ph: 0141-2365941	The Executive Engineer (C) Postal Civil Division,5th Floor, C.T.T. Nagar, PO Building Bhopal – 462003. Ph: 0755-2779149
The Executive Engineer (C) Postal Civil Division, GPO Building, Ambala – 133001. Ph: 0171- 2645721	The Executive Engineer (C) Postal Civil Division, PO Building, 1st Floor, Summer Hill, Shimla – 171005. Ph: 0177–2832943	The Executive Engineer (C) Postal Civil Division, Postal Colony, Roop Nagar, Jammu – 180013. Ph: 0191-2592924
The Executive Engineer (C) Postal Civil Division, HPO Bldg. Civil Lines Allahabad – 211001. Ph: 0532- 26221100	The Executive Engineer (E) Postal Electrical Division, PO Building, Sector-C,Aliganj, Lucknow – 226024. Ph: 0522 – 2336053	The Executive Engineer (C) Postal Civil Division, PO Building, Sector-C, Aliganj, Lucknow – 226024. Ph: 0522- 2335165/2324419
The Executive Engineer (C) Postal Civil Division, MeghdootBhawan, GPO Compound, Patna – 800001. Ph: 0612 – 2226070/2233936	The Executive Engineer (E) Postal Electrical Division, YogayogBhawan, P-36, CR-Avenue, Kolkata-700012. Ph: 033-22120646, 22120637	The Executive Engineer (C) Postal Civil Division, YogayogBhawan, P-36, CR-Avenue, Kolkata - 700012. Ph: 033-22121441 / 22121280
The Executive Engineer (C) Postal Civil Division, 3rd floor, Postal Store Depot building, Satyanagar, Bhubaneswar – 751007. Ph: 0674 – 2570960	The Executive Engineer (C) Postal Civil Division, MeghdootBhawan Complex, Guwahati – 781001. Ph: 0361 – 2542679	The Executive Engineer (C) Postal Civil Division, R.N. Compound, Opp. Raj Bhawan, Shillong – 793001. Ph: 0364-2224398
The Executive Engineer (E) Postal Electrical Division, 3rd Floor, Sion PO Building Mumbai – 400022. Ph: 022 – 24044164	The Executive Engineer (C) Postal Civil Division, SionPO Building, Mumbai – 400022.Ph: 022-24013900	The Executive Engineer (C) Postal Civil Division, Khadki PO Compound, Pune – 411003. Ph: 020-25817762
The Executive Engineer (C) Postal Civil Division, Akashwani Square, DA (P) Compound, Nagpur-400010. Ph: 0712-2540368	The Executive Engineer (C) Postal Civil Division, Admin Building, Khanpur, Ahmedabad – 380001. 079-25504055	The Executive Engineer (C) Postal Civil Division, 2nd Floor, HPO Building, Rajkot – 360001. 0281-2228933
The Executive Engineer (E) Postal Electrical Division 2nd Floor, Bansvangudi HPO, Bengaluru – 560004. Ph: 080-26676804	The Executive Engineer (C) Postal Civil Division, 1st Floor, RT Nagar HPO, Bengaluru – 32 Ph: 080-23332025	The Executive Engineer (C) Postal Civil Division, K.C. Park, P.O. Compound, Dharwad- 580008.Ph: 0836-2445252
The Executive Engineer (C) Postal Civil Division, Gandhi Nagar, PO Building, Hyderabad – 500080. Ph: 040-23463910, 909, 908	The Executive Engineer (C) Postal Civil Division, No. 5, EthirajSalai, Chennai – 600008. Ph: 044-28203435	The Executive Engineer (C) Postal Civil Division, Manacaud, P.O. Trivandrum –691009.Ph: 0471-2466748

**PRODUCT DIRECTORY**

Sl. No	Item	Make
1	PVC insulated copper/Al conductor cable/wire	Polycab/Anchor/CCI/Finolex/L&T/Standard/Havells/KEI/RR Kable/Gloster
2	Cable Glands	Comet/Braco/Dowells
3	Cable Jointing kit	Raychem/M-seal/Densons/3M
4	PVC conduits (FRLS)	Precision/AKG/ Pressfit/Asian/Sudhakar/Sanco/Universal/Benlo
5	Steel conduits and accessories	ISI mark
6	Piano Switches and sockets	Anchor/Precision/Leader/Pressfit/Benlo
7	Ceiling rose	Antex/Emperor/Anchor/Leader/Kalki/Pressfit
8	MCB/ISOLATOR/ELCB & MCB DB	Legrand/L&T/Siemens/Havells/Standard/Schnieder/HPL/ABB
9	TP&N SFU withHRC/Rewirable fuse	L&T/Siemens/GE/ABB/Standard/Havells/HH Elecon/HPL/Anchor
10	Change over Switch	Havells/Standard/L&T/HPL/Socomec
11	ACB	L&T/Siemens/Crompton/C&S/GE Power control/Indo-Asian
12	MCCB	L&T/Siemens/Crompton/C & S/GE Power control/HPL
13	Contactors Auxiliary	L&T/Siemens/Crompton/C&S/GE Power control/MEI/Laxmi
14	Voltmeter/Ammeter	AE/IMP/Universal/Reshab/Kayvee/MECO/Enercom
15	Current Transformer	AE/IMP/Marshall/Pactil/Kappa/L&T/Ashmor/Indiacoil/MECO/Waco
16	Single phasing preventer	L&T/Minilac/Zerotrip/Siemens
17	Timer	L&T/Minilac/Telemecanique/Siemens/AE/Indo Asian
18	Indicating lamp	Vaishno/Siemens/L&T/Universal Electric/Usha/ Asian/AE/IMP
19	Selector Switch	L&T/Kaycee/AE/IMP/Thakoore/Reco/Vaishno/Seizer/ Rass control
20	Capacitor	Khatau/Junkar/Crompton/L&T/Universal Electric/Usha /Asian/AE/IMP
21	GI/MS pipe	BST/ATL/ITC/Jindal/TATA/Zenith/GST/ATC/HIA/JST/ITS/TTS
22	Monoblock Pump	Kirloskar/Mather &Platt/ KSB/ Crompton/ BE/ PEC/ waterman/ CRI
23	Submesible Pump	Kirloskar/KSB/Calama/Amut/BE/PEC/Waterman/CRI
24	Starter	L&T/Siemens/BCH/ABB/MEI/GE Power Controls/Gelco
25	GM Valves	Trishul/Leader/Kirloskar/Fountain/Sant/Zoloto
26	Bulk Head fittings	Philips/Crompton/Bajaj/Anchor
27	Fire Extinguisher	ISI mark
28	CFL fitting	Philips/Crompton/Bajaj/Anchor/Wipro/Asian/HPL
29	Rubber Matting	ISI mark
30	Modular switches	Legrand/Anchor Roma/Havells/MK(Honeywell)/Crabtree/Siemens / Schnieder/ GM
31	LED Lamps and fittings	As specified in the schedule of work
32	CAT-6 UTP LAN cable	D-Link/Molex/Polycab/Digi-sol
33	BLDC Fan	Havels/Crompton/Luker/Atomberg/Orient/Usha

**Assistant Engineer (E)**

## Correction slips



### CPWD FORM 6:

1. Wherever Form -7/8 is appearing in this form, figure 8 stands deleted.
2. Wherever item rate tender is appearing in this form, it stands deleted.
3. Para 1 of this form is substituted as Press Notification enclosed in the tender documents.

### CPWD FORM 7/8:

1. Wherever Form -7/8 is appearing in this form, figure 8 stands deleted.
2. Wherever item rate tender is appearing in this form, it stands deleted.
3. All the Para's in this form related to Form CPWD-8 (for item rate tender) may be treated as deleted.
4. Clause 2A of this form related to incentives for early completion may be treated as deleted.
5. Clause-5(1)(i):-Time allowed to submit Time and Progress Chart for approval from Engineer-in-Charge shall be **7 days** from date of award of work.

6. Clause-16- Guarantee period shall be 1 year.

## General Description of Work



**1.0** The EI & fans work shall comprise of items described in the schedule of work and specifications for various items of work detailed in the following sections.

### **2.0 General Specifications**

**a** The work shall be done as CPWD specifications for Electrical works, Part-I, Internal, 2023, CPWD General Specification for Electrical Works (Part-II-External) 2023 and CPWD General Specifications for Electrical Works Part-IV Substations 2013 as amended up to date and Central Electricity Authority (Measures relating to safety and electric supply) Regulations 2010 as amended up to date.

**b** (b) The work shall be supervised by a qualified overseer/ Degree Holder Supervisor and the contractor will have to submit the Credentials of the overseer/ Degree Holder before he will be allowed to work at the site.

**c** **The layout of the work should be obtained by the contractor from AE(E)/JE(E) within 7 days after award of work.**

**d** Separate conduits shall be provided for followings:

**i.** Power plug wiring

**ii.** Light and fan point wiring

**e** The number of power plug points may not exceed one two circuit in any of the cases.

**f** The earthing sets (if required) shall be provided in the presence of the Engineer-in-charge or his authorized representative failing which the contractor will have to redo the earthing in the presence of the Engineer-in-charge or his authorized representatives.

**g** The contractor will have to give the following tests at his cost and intimate test results before final bills are paid. Nothing extra will be paid to him on this account. These test will be carried out in the presence of the Engineer-in-charge his authorized representatives.

(a) Earth test.

(b) Polarity test.

(c) Insulation test.

(d) Earth continuity test of the recessed conduit.

**h** Any damage done to the bldg. by the contractor during the execution of work shall have to be made good at his cost & risk. If he does not do it himself within a reasonable time as determined by the Engineer-in-charge the same will be got at his cost departmentally after giving notice to him.

**i** The contractor should use only the approved makes of materials in the work specified in the NIT.

**j** All the sub distribution boards sub main boards and main boards shall be sign written clearly indicating the number of distribution board, the types of load it is serving and the number of circuits contained in the distribution box. Details of the routes fed from a particular box shall be placed in tabular form, on the reverse of the cover of the distribution box.

- k The contractor will have to use metal clad switches and metal clad distribution boxes of specified categories as given in the schedule of work.
- l Interconnection between bus bar and switches (100 Amps and above) on sub main boards will be done with solid copper / aluminium conductor with PVC sheathing.
- m While making the end connections of wire, no strand shall be out and the termination of wire shall be done with necessary lugs and ferrules without any extra payment.
- n Lugs should be provided while terminating 6 SWG G.I. wire for earth continuity without any extra payment.
- o The termination of conduits etc. in the junction box to be provided above DB's should be done by making proper holes instead of cutting the box.
- p If any conduit is laid before the award of this work the recovery for the same will be made from the contractor at schedule rates plus abatement of this tender.
- q The bus bar provided in main board shall be suitable for current density of not more than 100 Amp/sq.cm.
- r Air conditioning plant rooms, weather maker rooms, sub station rooms and engine alternator rooms shall be provided with lights only on walls.
- s Three pin ceiling rose outlets shall be provided on walls in substation rooms at 2300mm from floor level for installation of wall mounting fans / air circulators.
- t Conduits leading from switch boards to SDBs shall preferable be clubbed in junction boxes to be provided below the beams and reduced number of higher sizes conduits may be taken down to SDBs for termination of circuits & sub mains.

**u LT . PANELS & SWITCHGEAR**

Cubicle type switch boards and components shall be fabricated and installed as per CPWD Specifications for Electrical Works Part-IV Substations 2013

**u.1 LT PANEL BOARD:**

The relevant IS shall be followed for all the equipments.

**u.2 ENCLOSURE PROTECTION:**

IP-42 as per IS-13947- Part-I as amended up to date for indoor applications and IP-55 for out door applications.

**u.3 CONSTRUCTION**

The switchboards like main L.T.panels, capacitor panels shall be cubicle type factory assembled fabricated from CRCA sheet steel framework, 2 mm thick including covers. The cleaning and painting shall be done in 7 tank process with final finishing in required shade of powder coating. The bus bars shall be copper strips of suitable size and rating mounted on SMC/DMC support at regular intervals required to suit fault rating as specified above including fasteners and hardware etc., MCCB module shall have minimum depth of 300 mm and shall be maintained throughout the length to keep a uniform depth.

The panels shall be complete with all internal wiring and bus bars connections of suitable rating. The panels shall be fabricated in transportable sections with lifting hooks on top and MS base channels of not less than 100x50mm x 5mm size and segregated multi-tier formation, floor mounting. An Aluminium earth bus of adequate capacity shall run all along the length and breadth at bottom of the panel with proper supports.

The switch board shall be suitable for climate conditions as called for. The design shall include all provision for safety of operating & maintenance personnel. Overall height of the panel shall not exceed 2.3 m with maximum operating lever at 1.7 m. Cable entries shall be from the sides of the panel for main panel and shall be made through gland plates. Cable supports shall be provided in cable alleys. **General arrangement of the panel shall be got approved before final fabrication is taken up.**



**u.4 BUS BARS CONNECTION**

The Bus bars connections shall be high conductivity aluminium alloy of electrolytic quality and of adequate section as per fault levels and current ratings of the panel. The bus bar provided in main board shall be suitable for current density of 100Amp/sq.mm. The system may comprise of main horizontal bus-bars and auxiliary vertical bus bars as per requirement of the panel. All connections to individual feeders shall be with solid connections. Bus Bars/Connections shall be suitably sleeved by Heat Shrinkable Coloured Sleeves. Fault withstands capacity for bus bars – 50 KA for 1 second

**u.5 INCOMER TERMINATIONS**

Incomer MCCB/SDF/Change over shall be suitable to receive high conductivity tinned copper of electrolytic quality bus bar.

**u.6 OUTGOING TERMINATIONS**

The outgoing terminals shall be brought out into the cable alley with solid conductors of appropriate size for easy termination of the cables.

**u.7 Instruments & Indicating Lamps**

The indicating instruments shall be LED/Digital type of class 1.5 as para IS:1248 as amended upto date. All meters shall be provided with HRC type cartridge fuses.

The indicating lights shall be provided as called for in schedule of quantities. All lights shall be provided with HRC type cartridge fuses. The coloured filters shall be used as per norms. All phase indicating lights shall be provided with ON/OFF toggle switches.

**u.8 Tests**

All tests shall be carried out as per relevant Indian Standards & CPWD Specifications. Contractors shall have to furnish test reports of all 'Tests'.

**u.9 HEAVY DUTY COMPOSITE UNITS OF SWITCHES & FUSES**

All switches shall be suitable for operation from the front and shall be as IS 13947-1997. The ranging of switch fuses shall be as specified. Outgoing feeders shall be neatly arranged in different compartments. Normally switches for individual feeders shall be accommodated in separate modules.

**u.10 CABLE COMPARTMENTS**

A full height compartment running behind the vertical modules shall be provided for easy termination of all incoming and outgoing cables entering from top or from bottom. Adequate supports shall be provided for the cables wherever necessary. The cable compartment shall have its own hinged cover which can be removed for easy access during cabling.

**u.11 INTERCONNECTIONS AND CONTROL WIRING.**

Switch board shall be completely factory wired ready for connecting to the equipment. Power connection of the circuit shall be done by Aluminium flats or by adequate size of PVC insulated stranded copper wires. Control wiring shall be done by PVC insulated wires of minimum size 1.5sqmm copper. All control wiring shall be fitted with identification ferrule at each end and not more than two connections shall be made at any one terminal. The wires shall be arranged and supported in such a manner that there shall be no strain on the terminations.

**u.12 TERMINAL ARRANGEMENT :**

The terminals shall be adequate current rating and size to suit individual feeder requirements. Cable lugs used for terminations shall be mounted in such a manner so as to facilitate easy cable connections. Terminals shall be mounted in cable compartment. Tap-off connections at the busbars shall be made with nuts, bolts and washers. Busbars shall not be threaded for terminating wire connections.

**u.13 CABLE ENTRY**

The switch board shall be designed to facilitate Copper/Aluminium conductor PVC cable entry from top or bottom as the case may be. Removable sheet steel plate provided with suitable size of cable glands as specified shall be fitted at the top or bottom.

u.14 **EARTHING BUSBARS.**

The earth bus bar shall be copper and of appropriate size.

u.15 **ACB**

All Air Circuit Breakers shall be of 3/4 Pole with minimum 50 KA breaking capacity ( 35 MVA at 433 V) as per schedule & Conforming to IS 13947 ( Part II) Rated current shall be as per the capacities and as per the schedule

u.16 **PAINTING.**

All sheet metal work shall undergo seven tank process such as degreasing, pickling in the acid, cold rinsing, phosphating, passivating etc and then be sprayed with high corrosion resistant primer. The primer shall be baked in an oven. The finishing treatment shall be by application of two coats of synthetic paint of approved shade of supply.

v **GENERAL:**

1. The Panel board shall be complete with necessary interconnections, cable sockets, circuit labels, control wiring colour and number coding ferrules. The panel shall be powder coated, duly painted with approved colour(Seimens gret matte finish).
2. The meters, indicating lamps shall have necessary protective fuses.
3. Suitable size of earth bus bar to be provided running along the length of the switch board with earth terminals.
4. The design, manufacture and testing of various equipments covered by the latest issue of IS specifications.
5. Guarantee: The panel components shall be guaranteed against material and/or manufacturing defects and for its perfect functioning for a period of eighteen months from the date of supply or one year from the date of commissioning of the equipments whichever is earlier.
6. Drawings of Panel should be got approved from Engineer-in-charge before fabrication.
7. The panels shall be got inspected by the Engineer-in-charge before 7 tank process and before dispatch from the manufacturer's workshop.

x **Cable work**

Cables shall be laid in accordance with the CPWD General specification for Electrical works –Part-II ( External) 1994 amended up to date.

y **Earthing**

The Earthing shall be done as per the as per Section 7 of CPWD specification for Electrical works Part-IV ( Sub Stations)

z **MCCB**

The incoming MCCB should be provided with earth fault release.

**Assistant Engineer (E)**

## ADDITIONAL SPECIFICATIONS



1. The work is to be carried out in workman liked manner and generally in accordance with the plans, however the contractor will be bound to carry out the work with minor deviations over the plan supplied if desired by the Engineer-in-charge of the work.
2. The Contractor has to make his own arrangement for the storage of the materials and necessary watch and ward of the electrical installation during the execution of the work till the same is handed over to the department, No extra payment will be made on this account.
3. All chases, holes, recesses etc shall be done to the original finish by the contractor as required without any additional work. The work shall be carried out in close coordination with civil work.
4. All the damages to the building made by the contractor shall have to be good to its original finish as per requirement within the tendered amount.
5. All the boxes for fixing accessories such as switches/sockets regular etc will be good quality and will be got approved from the Engineer in charge of the work before using.
6. Make/model of all materials to be used on the work shall be got approved from the Engineer-in –charge before execution of work **within 7 days from date of acceptance of the bid.**
7. Contractor should inspect the site before quoting the rate and no claim whatsoever shall be entertained later on this account.
8. After completion of work the contractor shall remove all the dust and dirt and keep the building in a clean condition.
9. The department material will be issued to the contractor free of cost from the stores at PESD, Bhubaneswar.  
Unused material should be returned to the department otherwise recovery will be made at the twice the issue rate of the firm from the bills of the contractor. Transportation of the materials from store to work site shall be borne by the contractor and no extra payment will be made on this account.
10. All the wires above 1.5 sq.mm must be terminated to the switchboard MCB's through suitable lugs by crimping for which no extra payment will be made and for wire has to be provided in conduit where wire is not drawn.
11. Proper sleeving should be provided to be bare earth conductor in the switch boxes and also to the bare conductor used for inter-switch looping inside the switchboxes for which no extra payment will be made.
12. Unless or otherwise specified only FRLS PVC conduit (ISI marked with Embossing/engraving) shall be used.
13. The wires & cables used for this work shall be ISI marked of make mentioned in the approved product directory of this NIT. The Agency has to submit copy of valid test report/certificate for the same from the manufacturer. Wires & cables having no BIS license or expired BIS license shall not be accepted.
14. The complete work or its part shall not be sublet to other contractor.
15. The MCBs should be of 10 KA breaking capacity.

**Assistant Engineer (E)**



**CPWD 7**  
**Government of India**  
**DEPARTMENT OF POSTS- CIVIL WING**

<b>State</b>	Odisha	<b>Circle</b>	Bengaluru
<b>Branch</b>	Electrical	<b>Division</b>	Kolkata
<b>Zone</b>		<b>Subdivn</b>	Bhubaneswar

**Percentage Rate Tender & Contract for Works**

(A) Tender for the work of:-

**Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.**

(i) To be submitted through e-tendering on 25-05-2026 upto 11.00 AM to the Assistant Engineer (E), Bhubaneswar-751 001

(ii) To be opened through e-tendering in presence of tenderers who may be present at on 26-05-2026 after 12.30 PM in the Assistant Engineer (E), Postal Electrical Sub-Division, Bhubaneswar-751 001 .

Issued to : \_\_\_\_\_

Signature of officer issuing the documents \_\_\_\_\_

**Designation**

Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001

Date of issue :- \_\_\_\_\_

**TENDER**

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F, Specification applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F' viz. schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for 75 (SEVENTY FIVE DAYS) from last date of receipt of technical bid thereof and not to make any modifications in its terms and conditions.

**A sum of Rs 8464.00 is hereby paid/deposited as per OFF LINE or ONLINE mode of payment as mentioned in the NIT as earnest money.**

A copy of earnest money deposit as above is scanned and uploaded. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision, contained in Clause 12.2 and 12.3 of the tender form.

Further, I/we agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/we shall be debarred for participation in the re-tendering process of the work.



I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in DOP in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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 to use the information in any manner prejudicial to the safety of the State.

Dated \_\_\_\_\_

**Signature of contractor**  
**Postal Address**

Witness:

Address:

Occupation:

**ACCEPTANCE**

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of ` \_\_\_\_\_  
(Rupees \_\_\_\_\_)

The letters referred to below shall form part of this contract Agreement:-

- i)
- ii)
- iii)

For & on behalf of the President of India

Signature \_\_\_\_\_

Designation \_\_\_\_\_

Dated \_\_\_\_\_

**SCHEDULES**

**SCHEDULE 'A'**

Schedule of Quantities (BoQ\_0004.xls file on the website against this work item).

**SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

Sl. No	Description of items	Qty	Rates in figures & words at which the	Place of Issue
1	2	3	4	5

\_\_\_\_\_ as per schedule of work \_\_\_\_\_

**SCHEDULE 'C'**

Tools and plants to be hired to the contractor:

Sl. No	Description	Hire charges per day	Place of Issue
1	2	4	5

\_\_\_\_\_ NIL \_\_\_\_\_

**SCHEDULE 'D'**

Extra schedule for specific requirements/ document for the work, if any.

NIL

**SCHEDULE 'E'**

Reference to General conditions of contract:

Name of work:-	<b>Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.</b>
Estimated cost of work	₹ 423202.00
i Earnest money	₹ 8464.00
ii Performance Guarantee	5% of tendered value
iii Security Deposit	2.5% of tendered value

**SCHEDULE 'F'**

**General Rules & Direction :**

Officer inviting tender : Assistant Engineer (E)  
Postal Electrical Sub-Division  
Bhubaneswar-751 001

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3. (See below)

**Definitions**

2(v)	Engineer-in-Charge:	Assistant Engineer (E) Postal Electrical Sub-Division Bhubaneswar-751 001
2(viii)	Accepting Authority:	Superintending Engineer(E) Postal Electrical Circle Bengaluru - 560 004
2(x)	Percentage on cost of materials and labour to cover all overheads and profits	15%
2(xi)	Standard schedule of Rates	DSR-2022
2(xii)	Department	Department of Posts
9(ii)	Standard CPWD contract Form	GCC 2020, CPWD Form 7/8 modified & corrected upto date

**Clause 1**

- i) Time Allowed for submission, of Performance Guarantee from the date of issue of letter of acceptance 7 days
- II) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above 1 days

**Clause 2**

Authority for fixing compensation under clause 2. SE (E), Postal Electrical Circle, Bengaluru

**Clause 2 A**

Whether Clause 2 A shall be applicable No

**Clause 5**

Number of days from the date of issue of letter of acceptance for reckoning date of start

7

**Mile stone(s) as per table given below:-**

Sl. No	Description of milestone (physical)	Time allowed in days (from date of start)	Amount with held in case of non achievement of milestone
1	1/8 th (of whole work)	1/4 (of whole work)	In case of not achieving the necessary progress, 1% of the tendered value of work will be withheld for failure of each milestone.
2	3/8 th (of whole work)	1/2 (of whole work)	
3	1/2 th (of whole work)	3/4 (of whole work)	
4	Full	Full	

Time allowed for execution of work

30 days

**Authority to Decide:**

- i) Extension, of time for completion of work.
- ii) Rescheduling of mile stones

E.E(E) / S.E(E)  
S.E(E)

**Clause 6**

Clause applicable Computerized Measurement Book

**Clause 7**

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment

Rs. 50000/-

**Clause 10A**

List of testing equipment to be provided by the contractor at site lab.

N. A.

**Clause 10B(ii)**

Whether Clause 10 B (ii) shall be applicable

No

**Clause 10C**

Component of labour expressed as percent of value of work

N.A.

**Clause 10CA**

N.A.

**Clause 10CC**

Clause 10CC to be applicable in contracts with stipulated Period of completion exceeding the period shown

in next column:

Not applicable

**Clause 11**

Specifications to be followed for execution of work:

CPWD specifications for Electrical works, Part-I, Internal, 2023, CPWD General Specification for Electrical Works (Part-II-External) 2023 as amended up to date and specifications mentioned in this NIT.

**Clause 12**

12.2 &amp; 12.3

Deviation Limit beyond which clauses 12.2.  
& 12.3 shall apply for building work

50%

&amp; 12.3 shall apply for foundation work

N.A

**Clause 16**

Competent Authority for deciding reduced rates

E.E.(E)



**Clause 25**

Constitution of Dispute Redressal Committee (DRC)	Competent Authority to appoint DRC
DRC shall constitute one Chairman and two members	Chief Engineer or Additional Director General if there is no Chief Engineer

**Clause 36 (i)**

S. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision, of clause 36(I)	
1	Recognized Diploma Holder	Electrical	Electrical	3 years	1	<b>10000</b>	<b>Ten Thousand Only</b>
2	Recognized Degree Holder	Electrical	Electrical	3 years	--	<b>15000</b>	<b>Fifteen Thousand Only</b>

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers

**Clause 42**

- i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates \_\_\_\_\_ printed by C.P.W.D. N.A
- ii) Variations permissible on theoretical quantities. N.A
  - a) Cement for works with estimated cost put to tender not more than Rs. 5 lakhs 3% plus / minus
  - Cement for works with estimated cost put to tender more than Rs. 5 lakhs 2% plus / minus
  - b) Bitumen for all works 2.5% plus only & nil on minus side
  - c) Steel Reinforcement and structural steel sections for each diameter, section and category 2% plus / minus
  - d) All other materials. Nil.

**Integrity Pact and Provision of Independent External Monitors (IEMs)**

Particulars of IEMs appointed by CVC:

**Applicable when EC is more than Rs.3 Crores**

**RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION**

Sl. No.	Description of item	Rates in figures and words at which recovery shall be made from the contractor	
		Rate in schedule 'B' plus 10% in case materials issued by Department	
		Excess beyond Permissible variation	Less use beyond Permissible variation
1	Cement	N.A.	
2	Steel reinforcement		
3	Structural Sections		
4	Bitumen issued free		
5	Bitumen issued at stipulated fixed		



**Form of Earnest Money Deposit Bank Guarantee Bond**

WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated ..... (date) for the construction of ..... (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we ..... registered office at ..... (hereinafter called 'the Bank') are bound unto Account Officer, Postal Electrical Division, Kolkata in the sum of Rs. .... (Rs. in words ..... ) for which payment well and truly to be made to the said Account Officer, Postal Electrical Division, Kolkata the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this ..... day of ..... 20.... THE CONDITIONS of this obligation are:

(1) If after Eligibility Bid opening of tender; the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;

(2) If the contractor having been notified of the acceptance of his tender by the Account Officer, Postal Electrical Division, Kolkata:

(a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required

OR

(b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,

OR

(c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor,

OR

(d) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Account Officer, Postal Electrical Division, Kolkata either up to the above amount or part thereof upon receipt of his first written demand, without the Account Officer, Postal Electrical Division, Kolkata

having to substantiates his demand, provided that in his demand the Account Officer, Postal Electrical Division, Kolkata will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date\* ..... after the deadline for submission of tender

as such deadline is stated in the Instructions to contractor or as it may be extended by the Account Officer, Postal Electrical Division, Kolkata, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE .....

SIGNATURE OF THE BANK

WITNESS .....

SEAL

(SIGNATURE, NAME AND ADDRESS)

\*Date to be worked out on the basis of validity period of 120 days or more from the last date of receipt of tender.

**Form of Performance Guarantee / Bank Guarantee Bond [Reference para 21.1.(1)(V)]**

In consideration of the President of India (hereinafter called “The Government”) having offered to accept the terms and conditions of the proposed agreement between.....and ..... (hereinaftercalled “the said Contractor(s)”) for the work..... (hereinafter called “the saidagreement”) having agreed to production of an irrevocable Bank Guarantee for ₹ ..... (Rupees..... only) as a security/guarantee from the contractor(s) for compliance of his obligations inaccordance with the terms and conditions in the said agreement.

- 1 We, ..... (hereinafter referred to as “the Bank”) hereby undertake to pay to the Government an amount not exceeding ₹ ..... (Rupees..... Only) on demand by the Government.
- 2 We, .....(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ₹..... (Rupees .....only)
- 3 We, the said bank further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.
- 4 We, ..... (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineerin- Charge on behalf of the Government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.
- 5 We, ..... (indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
- 6 This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
- 7 We, ..... (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
- 8 This guarantee shall be valid up to .....unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to ₹ ..... (Rupees .....) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged. Dated the .....day of ..... for..... (indicate the name of the Bank)

**DETAILED ESTIMATE****SCHEDULE OF QUANTITY**

**Name of Work : Electrical works for EI, UPS wiring, Outdoor lights, signages including Post attached quarters at Kakatpur SO.**

Sr. No.	Description of Items	Qty	Rate	Unit	Amount	Remarks
	<b>(Wiring)</b>					
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.					
a)	Group - 'A'	18 Pts.	1,189.00	Point	21,402.00	DSR'25
b)	Group - 'C'	7 Pts.	1,704.00	Point	11,928.00	DSR'25
2	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required. "Group C"					
		24 Pts.	1,064.00	Point	25,536.00	DSR'25
3	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					
a)	2 x 1.5sqmm + 1 x 1.5 sqmm earth wire	25 Mtrs.	267.00	Mtr.	6,675.00	DSR'25
b)	4 x 1.5sqmm + 2 x 1.5 sqmm earth wire	15 Mtrs.	363.00	Mtr.	5,445.00	DSR'25
c)	2 x 4 sqmm + 1 x 4 sqmm earth wire	20 Mtrs.	373.00	Mtr.	7,460.00	DSR'25
d)	4 x 4 sqmm + 2 x 4 sqmm earth wire	10 Mtrs.	587.00	Mtr.	5,870.00	DSR'25
e)	2 x 6 sqmm + 1 x 6 sqmm earth wire	20 Mtrs.	482.00	Mtr.	9,640.00	DSR'25
4	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
a)	3 x 1.5 sq.mm	70 Mtrs	104.00	Mtr	7,280.00	DSR'25
b)	6 x 1.5 sq.mm	30 Mtrs	195.00	Mtr	5,850.00	DSR'25
c)	9 x 1.5 sq.mm	15 Mtrs	311.00	Mtr	4,665.00	DSR'25
d)	3 x 6.0 sq.mm	30 Mtrs	326.00	Mtr	9,780.00	DSR'25
5	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
a)	20 mm	15 Mtrs	151.00	Mtr	2,265.00	DSR'25
b)	25 mm	10 Mtrs	168.00	Mtr	1,680.00	DSR'25
6	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as reqd.					
a)	180 x 100 x 60 mm deep	2 Nos	282.00	Each	564.00	DSR'25
b)	200 x 125 x 60 mm deep	1 No	372.00	Each	372.00	DSR'25
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
a)	5/6 A switch	56 Nos	121.00	each	6,776.00	DSR'25
b)	15/16 A switch	2 Nos	176.00	each	352.00	DSR'25
c)	3 pin 5/6 A socket outlet	38 Nos	136.00	each	5,168.00	DSR'25

d)	6 pin 15/16 A socket outlet	2	Nos	219.00	each	438.00	DSR'25
8	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.						
a)	1 or 2 Module.	5	Nos	354.00	Each	1,770.00	DSR'25
b)	6 Module.	2	Nos	462.00	Each	924.00	DSR'25
c)	8 Module.	1	No.	517.00	Each	517.00	DSR'25
d)	12 Module	11	Nos	614.00	Each	6,754.00	DSR'25
e)	18 Module	2	Nos	801.00	Each	1,602.00	MR
9	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	6	Nos	545.00	Each	3,270.00	DSR'25
10	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, i/c providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	5	Nos	659.00	Each	3,295.00	DSR'25
11	SF suitable size GI box with modular plate and cover in front on surface or recess, i/c pf 2 Nos. 3 pin 5/6 A modular socket outlet and 2 Nos. 5/6 A modular switch, connections etc. as reqd.	2	Nos	757.00	Each	1,514.00	DSR'25
12	S/f the following accessories on the existing wall surface/switch board i/c connection etc.as reqd.						
a)	Two module stepped type electronic fan regulator.	18	Nos	402.00	Each	7,236.00	DSR'25
b)	Modular blanking plate.	7	Nos	47.00	Each	329.00	DSR'25
c)	3 pin, 5 A ceiling rose.	22	Nos	104.00	Each	2,288.00	DSR'25
d)	Call bell/ buzzer suitable for 1-phase.	1	No	112.00	Each	112.00	DSR'25
e)	PVC batten/ angle holder.	14	Nos	132.00	Each	1,848.00	DSR'25
13	S/F of 20A, 240V, AC Starter Switch with suitable GI Box, modular cover plate and other acc. in recess i/c making connections, testing etc. as reqd. ( M/s Roma or similar superior make)	1	No	568.00	Each	568.00	MR
14	Dismantling of existing un-used all types of wiring, LAN cables, power cables, outdoor light cables alongwith switch boards / DBs, existing main panel, Switchgears, Fan-fittings etc. i/c providing temporary arrangement for lights-fans, making good the damages, re-arrangements of power cables, connections etc. complete as reqd .	1	Job	1,760.00	Job	1,760.00	MR
	<b>(Distribution &amp; Mains)</b>						
15	S/fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted i/c earthing etc. as reqd.						
a)	6 way, Double door	1	No	2,390.00	Each	2,390.00	DSR'25
b)	8 way, Double door	2	Nos	2,773.00	Each	5,546.00	DSR'25
c)	12 way, Double door	1	No	2,871.00	Each	2,871.00	DSR'25
16	S/F 5 amps to 32 amps rating, 240/415 volts, "C" curve, 10KA miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
a)	Single pole	28	Nos	285.00	Each	7,980.00	DSR'25
b)	Single pole and Neutral	2	Nos	643.00	Each	1,286.00	DSR'25
c)	Double pole	2	Nos	696.00	Each	1,392.00	DSR'25
17	Supplying and fixing following rating double pole, 240V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.						

	a) 40 amps.	2	Nos	472.00	Each	944.00	DSR'25
18	S/fixing of double pole sheet steel enclosure complete with powder painted i/c earthing etc. as reqd.	2	Nos	436.00	Each	872.00	MR
19	S/F following rating, 240 volts, 10kA "C" curve, MCB suitable for inductive load of double poles in the existing MCBDB complete with connections, testing and commissioning etc. as reqd. (Havells or ss make)						
	a) 40 amps. DP	1	No.	1,407.00	Each	1,407.00	MR
	b) 63 amps. DP	1	No.	1,588.00	each	1,588.00	MR
20	SITC of wall mountable Main Power Panel for indoor installation as per IP-54 class, made out of 2.0 mm thick CRCA sheet with internal arrangement of 2.0 mm thick sheet and front opening system suitable for mounting following switchgears and other accessories i/c painting with powder coated paint of approved colour and shade, connections, minor civil works and making good the damages etc as per specification complete as reqd ( The drawing shall be got approved by the Engineer-in-Charge before fabrication)	1	Set	54,213.00	Each	54,213.00	MR
	a) 63A, 25kA, FP MCCB with thermal release range 63-80A (Type : DN0-100C, D Sine of L&T make) - 1 no.						
	b) 63A, On Load FP Change Over Switch. ( Type : CO1-63 of L&T or SS make) - 1 no						
	c) 4-strip Al. Bus bar suitable for 100/120A (30 mm x 5 mm Al. flat) with heat shrinkable tube as per drawing) - 2 sets.						
	d) RYB LED indicator - 5 nos.						
	e) DP MCB chamber with Din Channel - 5 nos.						
	f) 4 way MCB chamber with Din Channel - 1 no.						
	g) 6 way MCB chamber with Din channel - 1 no.						
	h) Inter-connection of Bus bar and Switchgears shall be made through suitable size Copper multicore cable shall be used for inter-connection.						
	i) All other required accessories, wirings, as per SLD						
	<b>(Fans and Fittings)</b>						
22	SITC of LED surface mounted Batten light of following body material and construction as per IS:10322 with driver(Replaceable) as per the requirement with Driver efficiency >85% ,Operating voltage AC 140-270V, freq 50/60 hz, Operating temp range -15° to 40° centigrade, internal surge protection of 2.5 KV with Short & Open circuit protection,THD<10%, P.F.≥0.95, IP20,CRI >80, Flicker free, life time of min. 50000 Burning Hours with, 70% initial Lumen maintained till life ends, CCT 3000°K/ 4000°K/5700°K/6000°K/6500°K (As per ANSI Bin), SDCM <3, Max. power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard & trade mark certificate (T.C. Manufacture Word Mark/ Name Engraved/ Embossing/Screen printing on housing. complete in all respect i/c connections with 1.5 sqmm FRLS, PVC insulated Cu. conductor 1-core cable and earthing etc. as required with Min 5 year OEM warranty. <b>System lumen efficacy ≥105 &lt;120 lm/Watt output . LM79 &amp; LM80</b> Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement.						

	CRCA Sheet Body (Thickness $\geq 0.50$ mm)						
a)	18 - 22 Watt	4 Nos	629.00	Each	2,516.00	DSR'25	
23	SF of mounting rail for following TLED lamp housing with diffuser etc. as reqd. (Model : TMC 502 of M/s Philips make)						
a)	1 x 20 watt.	8 Nos	608.00	Each	4,864.00	MR	
b)	2 x 20 watt.	8 Nos	742.00	Each	5,936.00	MR	
24	S/F of 20W TLED tubelight of 2K lumen with inbuilt driver, heat sink in the existing fittings i/c testing etc. as reqd. (M/s Philips or SS)	24 Nos	469.00	Each	11,256.00	MR	
25	SITC of 10 watt LED type Bulk Head fittings with all accessories, having LM 79-80 test report, BIS certified, minimum 100 lumen/watt, in the existing Wall /ceilling suitable for operation 230volt, 50Hz AC supply as complete as reqd. (M/s Wipro or ss make)	2 Nos	1,597.00	Each	3,194.00	MR	
26	SITC of ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation : B, 3 nos. metal (Aluminum alloy) blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, steel/Al body Power Factor not less than 0.9, Service Value (CM/M/W) minimum as below, 350 RPM (tolerance as per IS:374-2019), THD (Total Harmonic Distortion) less than 10%, suitable for operation with regulator for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Ceiling Fan compliant to IS 374:2019 fan Supply, earthing etc. complete as reqd.						
a)	1200mm, service value $\geq 6.0$ CM/Min/Watt, air delivery 210 CM/Min.	7 Nos	2,695.00	Each	18,865.00	DSR'25	
b)	1400mm, service value $\geq 6.0$ CM/Min/Watt, air delivery 245 CM/Min.	3 Nos	2,737.00	Each	8,211.00	DSR'25	
27	Painting of existing 2 nos. down rods of 20 mm dia steel conduit for light fitting i/c cleaning etc. as reqd.	6 Jobs	193.00	each	1,158.00	MR	
28	Painting of existing down rod for Ceiling Fan with synthetic enamel paint in installed position i/c cleaning of surface etc. as reqd.	7 Jobs	103.00	each	721.00	MR	
29	TCTO of ceiling/exhaust/Wall fan of all size i/c dismantling, cleaning with mild detergent, greasing, replacement of damaged accessories, painting i/c testing, refixing etc. complete as reqd.	4 Nos	316.00	each	1,264.00	MR	
30	Supply & fixing of Exhaust fan 300mm dia suitable for 230/250 volts, 50 Hz complete with mounting frame and louvers in the existing opening, making good the damages, connections etc as required. (Model : AEROCLEAN 300 MM of M/s Usha or SS of Havells make)	2 nos	2,715.00	each	5,430.00	MR	
	<b>(Earthing)</b>						
31	Earthing with G.I. earth pipe 4.5 Meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1 Set	7,658.00	Each	7,658.00	DSR'25	
32	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	10 Mtrs	313.00	Mtr	3,130.00	DSR'25	
33	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	20 Mtrs	84.00	Mtr	1,680.00	DSR'25	
	<b>(Outdoor light)</b>						

34	Supplying the following Size PVC/ XLPE insulated PVC sheathed Alluminium aromour cable of 1.1 kV as per IS 1554 etc as reqd.						
a)	3 x 4 sq.mm	70	Mtrs	196.00	Mtr	13,720.00	MR
35	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following manner. (Upto 35 sq.mm )						
a)	In Metal Pipe.	12	Mtrs	47.00	Mtr	564.00	DSR'25
b)	On wall surface. (clamped with 1mm thick saddle)	55	Mtrs	64.00	Mtr	3,520.00	DSR'25
36	S/embedding 32 mm dia G.I. pipe (medium class) in foundation for cable entry including bending the pipe to the required shape complete as reqd.	5	Mtrs	559.00	Mtrs	2,795.00	DSR'25
37	Supplying and making end termination with brass compression gland and aluminium lugs/copper for following size of PVC insulated and PVC sheathed / XLPE aluminium/copper conductor cable of 1.1 KV grade as required. (3 core 4.0 sq.mm)	16	Nos.	166.00	Each	2,656.00	MR
38	S/F of 32 mm dia X 1.5 metres long G.I. pipe (medium class) bracket for mounting of LED street light fitting on pole i/c bending the pipe to the required shape, 2 nos 40 X 3mm flat iron clamps with nuts, bolts and washer, painting the flat with primer and finish paint etc. as reqd.	4	Nos	1,235.00	Each	4,940.00	MR
39	S/F of PVC/Bakelite loop in-out box size 195 x 140 x 65 with front side hinged with all side water tight gasketing i/c s/f of 01 no. 15A porcelain kitkat & 01 no. neutral connector to be mounted on suitable body etc. i/c making good the damages etc. as reqd. (M/S Sintex make)	7	Nos	1,057.00	Each	7,399.00	MR
40	SITC of street light LED fixture powder coated pressure diecast aluminum body with driver as per the requirment with Driver efficiency >85%, Input voltage: 140-270V AC, freq 50/60 hz, Operating temp range -15° to 50° centigrade, internal surge protection 5KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%,THD < 10% as per IEC 61000-3-2 , P. F.≥0.95, IP-66,IK-10, CRI >80, under and over voltage protection, EMIEMC as per CISPR 15,lenses for beam angle as per IESNA type I/II/III as per width of the road and the project requirement., suitable to fit in upto 65mm dia pipe, life time (LED,Driver & electrical circuitry) of min. 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6000°K/ 6500°K (As per ANSI Bin), SDCM<5, Max power consumption should not more than the specified rating & Fixture shall be of relevant BIS standard complete in all respect i/c connection with 1.5sq mm FRLS, PVC insulated Cu. cond. 1-core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 <120 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement.						
a)	45 watt	4	Nos	1,366.00	Each	5,464.00	DSR'25

41	S/F of 20 watt LED, Post-top lantern suitable for 220V, 50 Hz, 1-phase AC supply with connections etc. complete as reqd. (Model: LP07-251-XXX-57-CL of M/s Wipro or eqv. of Havells make)	2	Nos	5,567.00	Each	11,134.00	MR
42	Supply and fixing protection guard of suitable size for above post-top lantern fabricated out of 25x3mm flat and 6mm dia GI wire i/c cutting, welding, grinding, painting etc. as reqd.	2	Jobs	2,940.00	Job	5,880.00	MR
<b>(Outdoor Signage)</b>							
43	Repairing existing standee with large format signage made out of 3 mm Aluminium composite panel board on all sides with digitally cutting and pasting the matter by vinyl sticker on two side & UV lamination on both face as per designed, colour and specification, mounted on the existing MS pedestal structure with other accessories i/c necessary scaffolding arrangement, minor repairing of structure and base etc. complete as reqd. (Board should be approved by the Engineer in charge before execution.) (Measurement Size-8ft X 2ft)	16	sft	1,025.00	sft	16,400.00	MR
44	P/F following size name board signage made out of 3 mm thick aluminium composite panel board (make: Aludecor/ Alstrong) exterior type on all side except back side having digital cutting and base pasting the matter / logo by Retro-reflective sticker ( 3M or ss) on front and ultra violet lamination on the face as per designed colour and specification and mounted on the aluminium hollow pipe with riveting i/c grouting on existing wall/structure surface/ Angle frame structure with suitable nut/ bolt arrangement and designed as per the instruction of engineer-in-charge.						
a)	Size (9 x 3) Sq Ft	27	sq.ft	775.00	sq.ft	20,925.00	MR
45	Deduction for old unserviceable dismantled materials (Except Fans /Fittings)	1	Job	(1,500.00)		(1,500.00)	LS
					Rs.	423,202.00	
					<b>Say Rs.</b>	<b>423,202.00</b>	

Asst. Engineer (Elect)  
PESD, Bhubaneswar.