



**INKEL Limited**

**Regd. & Corp. Office: Door No. 7/473ZA - 5 & 6,  
2nd Floor, Ajiyal Complex, Kakkanad, Cochin-682030**

**Phone: 0484-6491138; Fax 0484-2978102**

**Email: [pmc@inkelkerala.com](mailto:pmc@inkelkerala.com); web: [www.inkel.in](http://www.inkel.in)**

**Notice Inviting Tender (NIT)**

**(INKEL-6)**

**Tender No : PMC/2017/06 dated 10<sup>th</sup> February 2017**

**Name of Work : INTERNAL ELECTRIFICATION DISTRIBUTION SYSTEM, KINFRA  
MEGA FOOD PARK, KANJIKODE, PALAKKAD (DT), KERALA**

**PAC : Rs. 3.0976 Crores**

**EMD : Rs. 6.1953 Lakhs**

**Period of Completion : 4 MONTHS**



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Tender No : **PMC/2017/06 dated 10<sup>th</sup> February 2017**

Name of Work : **INTERNAL ELECTRIFICATION DISTRIBUTION SYSTEM, KINFRA MEGA FOOD PARK, KANJIKODE, PALAKKAD (DT), KERALA**

Locality : **KANJIKODE, PALAKKAD (DT.), KERALA**

Last date of online Submission : **03.03.2017**

Name of Bidder : .....

Address of Bidder : .....  
.....  
.....  
.....

Registration and Class : .....

Validity period of Registration : .....

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## NOTICE INVITING e-TENDERS

INKEL Limited on behalf of Kerala Industrial Infrastructure Development Corporation (KINFRA) invites online item rate tenders on two bid system from registered and eligible contractors of PWD/ CPWD/KWA/Irrigation/Indian Railways/MES/BSNL/State Govt. Departments/PSUs having Kerala State Electrical Inspectorate (KSEI) Class A Contracting license, for the following work.:-

NIT No	Name of Work	PAC	EMD	Period of completion
PMC/2017/06 dated 10 <sup>th</sup> February 2017	Internal Electrification Distribution System, KINFRA Mega Food Park, Kanjikode, Palakkad (Dt), Kerala	Rs.3.0976 Crores	Rs.6.1953 Lakhs	4 months

Last time and date of submission of bid: 03.03.2017, 3.30 pm. The bid forms and other details can be obtained from the website [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) / [www.inkel.in](http://www.inkel.in)

## GENERAL GUIDELINES

1. This book of “General Conditions of Contract” is applicable to both types of tenders i.e.” Percentage rate tenders and Item rate tenders”. Accordingly, alternative provisions for conditions Nos. 4, 10 & 12 of the General Rules and Directions are given in this book. The appropriate alternatives will be applicable in specific cases depending on whether this is used for percentage rate tender (INKEL-7) or item rate tender (INKEL-8). “General Conditions of Contract” shall be available in downloadable manner from website “[www.inkel.in](http://www.inkel.in)” or “[www.kinfra.org](http://www.kinfra.org)”
2. INKEL-6 abridged from INKEL-7/8, Schedules A to F, special conditions/specifications and drawings will be issued to intending tenderers only. The standard form will not be issued along with the Tender Documents but the same shall form part of the agreement to be drawn and signed by both parties after acceptance of tender. The standard form shall be available in downloadable manner from website “[www.inkel.in](http://www.inkel.in)” or “[www.kinfra.org](http://www.kinfra.org)”
3. The intending bidders will quote their rates in Schedule A ie. Schedule of Quantities.
4. The proforma for registers and Schedules A to F are only for information and guidance. These are not to be filled in the Standard Form. The Schedules with all blanks, duly filled, shall be separately issued to all intending tenderers. For filling and returning in the manner prescribed. The **Schedule A** can be downloaded from website [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in)

## Information & Instructions to the Bidders for e-tendering (Forming part of Bid Document)

Managing Director, INKEL on behalf of Kerala Industrial Infrastructure Development Corporation (KINFRA) invites online Item rate tenders in two cover bid system for the following work in the prescribed form, from competent and eligible contractors/firms with appropriate class of registration in PWD/CPWD/KWA/Irrigation/Indian Railways/MES/BSNL/State Govt. Departments/PSUs having Kerala State Electrical Inspectorate (KSEI) Class A Contracting license, who fulfill the eligibility criteria prescribed.

Sl No	NIT No	Name of work & Location	Estimated cost put to bid	EMD	Period of Completion	Last date of submission of Tender document, EMD. Tender fee & Other documents as specified in Press Notice	Time & Date of opening of bid
1	2	3	4	5	6	7	8
	PMC/2017/06 dated 10 <sup>th</sup> February 2017	Internal Electrification Distribution System, KINFRA Mega Food Park, Kanjikode, Palakkad (Dt), Kerala	Rs. 3.0976 Crores	Rs. 6.1953 Lakhs	4 months	03.03.2017 at 3:30 P.M	07.03.2017

1. Contractors who fulfil the following requirements shall be eligible to apply. Joint ventures are not accepted.

(a) Should have satisfactorily completed the works as mentioned below during the last **Seven years ending previous day of last date of submission of bids.**

(i) Three similar works each costing not less than **Rs. 1.2390 Crores**

OR

Two similar works each costing not less than **Rs. 1.8586 Crores**

OR

One similar work costing not less than **Rs. 2.4781 Crores**

**AND**

(ii) One work of any nature (either part of (i) above or a separate one costing not less than **Rs. 1.2390 Crores** with some Central/State Government Department/ Central Autonomous Body/ Central Public Sector Undertaking.

**Similar work shall mean works of overhead electrical line distribution system works of 11 KV and above with Street Lighting.**

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 applications for bids.

- (b) Should have a solvency of **Rs. 1.2390 Crores** (Scanned copy of original solvency to be uploaded)
2. The intending bidder must read the terms and conditions of NIT(INKEL-6) carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.
  3. Information and Instructions for bidders posted on website shall form of bid document.
  4. The tender document(s), may be downloaded free of cost from the e-Government Procurement (e-GP) website ([www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in)). No payment is required for downloading the tender documents from the above website however a bid submission fee, as mentioned below in this document, is required to be remitted through online payment mechanism for e-procurement system of Govt. of Kerala. Only those bidders having a valid and active registration, on the date of bid submission, shall submit bids online on the e-GP website.
  5. All bids shall be submitted online on the e-GP website only in the relevant envelope(s)/ cover(s), as per the type of tender. No manual submission of bids shall be entertained for the tenders published through e-GP system under any circumstances. However signed copies of documentary evidences as the proof of eligibility criteria shall be submitted to INKEL in hard copies also.
  6. The e-GP system shall not allow submission of bids online after the stipulated date & time. The bidder is advised to submit the bids well before the stipulated date & time to avoid any kind of network issues, traffic congestion, etc. In this regard, INKEL shall not be responsible for any kind of such issues faced by bidder.
  7. Ineligible bidders or bidders who do not possess valid & active registration, on the date of bid submission, are strictly advised to refrain themselves from participating in this tender. If such instances are noticed, the same shall be treated as “fake bidding” by the respective bidder and such bidder shall be blacklisted as per INKEL rules in force. The bidders, who submit their bids for this tender after digitally signing using their Digital Signature Certificate (DSC), accept that they have clearly understood and agreed the terms and conditions including the Form/ Annexures of this tender. Mention of price details at any place other than the designated place, shall disqualify the bid and the bid shall be summarily rejected.
  8. Tender duly signed using bidder’s valid Digital Signature Certificate shall be submitted online on e-GP website [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in)
  9. General Conditions of Contract (INKEL- 7/8) shall be available in downloadable manner from [www.inkel.in](http://www.inkel.in) and shall form part of bid document.
  10. The Technical bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.

11. Pre Bid Meeting shall be held in the office of INKEL, Door no. 7/473ZA - 5 & 6, 2<sup>nd</sup> floor, Ajiyal complex, Kakkanad, Cochin- 682030 at 11:00 a.m. on 17<sup>th</sup> Feb 2017 to clear the doubt of intending bidders, if any.
12. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

**List of Documents to be scanned and uploaded within the period of bid submission:**

- I. Registration certificate of the Contractor.
- II. Certificates of Work Experience.
- III. Bank Solvency Certificate.
- IV. Any other Document as specified in the press notice.
- V. Certificate of Registration for Sales Tax / VAT and acknowledgement of up to date filed return if required.
- VI. Certificate of Registration for Service Tax and acknowledgement of up to date filed return, if required.
- VII. Affidavit as per clause 1.1.5 of INKEL 6
- VIII. Preliminary Agreement in stamp paper worth Rs. 200/-

***All bidders shall submit signed copies of documentary evidences as the proof of eligibility criteria & Preliminary Agreement in hard copies also in sealed cover at the office of INKEL, Kakkanad on or before opening date of technical bid.***



## e-Government Procurement (e-GP) - Notice Inviting Tender (INKEL 6)

Managing Director, INKEL on behalf of Kerala Industrial Infrastructure Development Corporation (KINFRA) invites online item rate tenders in two cover bid system for the following work in the prescribed form, from competent, registered and eligible contractors/firms with appropriate class of registration in PWD/CPWD/KWA/Irrigation/Indian Railways/MES/BSNL/State Govt departments/PSUs having Kerala State Electrical Inspectorate (KSEI) Class A Contracting license, who fulfill the eligibility criteria prescribed.

Name of work	PAC (Rs.)	EMD (Rs.)	Period of completion	Bid submission fee (Non-refundable)	Class of registration
Internal Electrification Distribution System, KINFRA Mega Food Park, Kanjikode, Palakkad (Dt), Kerala	Rs. 3.0976 Crores	Rs. 6.1953 Lakhs	4 months	Rs. 5,250/- (Inclusive of all taxes)	Kerala State Electrical Inspectorate (KSEI) Class A Contracting license.

- 1.1.1 All the intending bidders should have successfully completed works as per details below during the last 7 years with Central Government Department/ State Government Department/ Central/State Autonomous Body/ Central/State Public Sector undertaking, ending last day of the month previous to the one in which tenders are invited:-
- 1.1.2 Registration of contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the registration of contractor should be valid on the original date of submission of bids.
- 1.1.3 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids. For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimate cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.
- 1.1.4 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the

competent authority, of having satisfactorily completed similar works of magnitude specified below:

**a) For works above Rs 2.5 Crore to Rs. 10 Crore**

Three similar completed works each costing not less than the amount equal to 40% of estimated cost.

OR

Two similar completed works each costing not less than the amount equal to 60% of estimated cost.

OR

One similar completed work costing not less than the amount equal to 80% of estimated cost.

A certificate to this effect shall be produced by the bidder from an officer of the rank not below the rank of Executive Engineer in the Government or PSUs/ Chief Project Manager or equivalent in other organisations.

**1.1.5 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 INKEL in future forever. Also, if such a violation comes to the notice of Department before date of start of work, INKEL 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)*

2. Agreement shall be drawn with the successful bidders on prescribed Form No. **INKEL 7/8** (or other Standard Form as mentioned) which is available [www.inkel.in](http://www.inkel.in) Bidders 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 **4 MONTHS** 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 bid documents.
4. The site for the work is available.

**The drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.**

5. 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 except Standard General Conditions of Contract Form can be seen on website [www.etenders.kerala.in](http://www.etenders.kerala.in). General Conditions of Contract (INKEL- 7/8) shall be available in downloadable manner from [www.inkel.in](http://www.inkel.in) and shall form part of bid document.
  6. Tender documents and tender schedule may be downloaded free of cost from the e-GP Web site [www.etenders.kerala.go.in](http://www.etenders.kerala.go.in) . Tender processing fee of Rs. 5250/- (inclusive of all taxes) shall be remitted through **online payment mechanism for e-procurement system of Govt. of Kerala.**
- The bid submitted shall be opened on 07.03.2017.***
7. Earnest Money Deposit (EMD) amounting to **Rs. 6.1953 Lakhs (Rupees Six Lakhs Nineteen thousand Five hundred and Thirty only)** to be remitted online through e-GP site by the bidder.
  8.
    - a) **Performance Guarantee**, the amount collected at the time of executing contract agreement, will be 5% of the contract value (agreed PAC) and the deposit will be retained till the expiry of Defect Liability Period. At least 50% of this deposit shall be collected in the form of Treasury Fixed Deposit and the rest in the form of Bank Guarantee.
    - b) **Additional Performance Guarantee** will be required in all cases where quoted rate falls below 10% of the estimate cost but the maximum permissible lower limit is 25% below estimate. The 10% standard exemption will be applicable to all estimates quoted below estimate cost upto 25%. If the rate quoted by the contractor is x% below estimate cost (x lies above 10% upto 25%) the additional performance guarantee for an amount equal to (x-10)% of the estimate amount shall be obtained from the contractor.
  9. **Performance Security Deposit:** It is the retention amount deducted from the running bill of the contractors in addition to the Performance Guarantee. This will be @2.5% of the gross amount of each running bill so that the amount so retained shall be 2.5% of the value of the work done till then. This can be released against Bank Guarantee on its accumulation to a minimum amount of Rs. 5 lakhs subject to the condition that the amount of Bank Guarantee except last one shall not be less than 5 Lakhs. This amount will be released after passing of final bills as in the case of refund of deposit.
  10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:
    - a) The bidder is found ineligible.

- b) The bidder does not upload all the documents (including service tax registration/ VAT registration/Sales Tax registration) as stipulated in the bid document.
  - c) 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.
11. **The description of the work is as follows:** 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 bidders 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 bidders 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 bidders 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.
12. The competent authority on behalf of Managing Director, INKEL 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.
13. 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.
14. The competent authority on behalf of Managing Director, INKEL 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.
15. The contractor shall not be permitted to bid for works if he/she is the near relative of an officer of INKEL posted as Project Officer or Finance Officer.
16. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of Kerala 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 Kerala 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 Kerala as aforesaid before submission of the bid or engagement in the contractor's service.

17. ***The bid for the works shall remain open for acceptance for a period of Ninety (90) days from the date of opening of technical bid in case bids are invited on 2 bid system.*** If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to INKEL, then INKEL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.

18. 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 15 days from the stipulated date of start of the work, sign the contract consisting of:-

- a) 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 at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
- b) Standard INKEL Form 7/8 or other standard INKEL Form as applicable

**19. For Composite Bids**

19.1.1 The cost of bid document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite bid.

19.1.2 The bidders must associate himself, with agencies of the appropriate class eligible to bid for each of the minor component individually.

19.1.3 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.

19.1.4 After acceptance of the bid by competent authority, Managing Director, INKEL shall issue letter of award. After the work is awarded, the main contractor will have to enter into one agreement with INKEL.

19.1.5 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.

19.1.6 The main contractor has to associate agency(s) for minor component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer-in-charge of minor component(s)

within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of minor component(s).

- 19.1.7 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of minor component. The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.
- 19.1.8 The main contractor has to enter into agreement with contractor(s) associated by him for execution of minor component(s). Copy of such agreement shall be submitted to INKEL. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.
- 19.1.9 Running payment for the major & minor components shall be made by Managing Director, INKEL.
- 19.1.10 ***The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-charge of major component after record of completion certificate of all other components***

**INKEL-7/8**

**INKEL LIMITED**

**Item Rate Tender & Contract for Works**

(A) Tender for the work of :-

**INTERNAL ELECTRIFICATION DISTRIBUTION SYSTEM, KINFRA MEGA FOOD PARK, KANJIKODE, PALAKKAD (DT), KERALA**

(i) To be submitted/ uploaded by 15:30 hours on 03.03.2017 to upload at [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in)

**e-TENDER**

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E, F Specifications 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 INKEL within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing 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 respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for Ninety (90) days from the date of opening of technical bid in case tenders are invited on 2 bid/envelop system and not to make any modification in its terms and conditions.

A sum of **Rs. 6.1953 Lakhs** has been deposited in prescribed manner as Earnest Money Deposit (EMD). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that INKEL 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 INKEL 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 INKEL, then I/We shall be debarred for tendering in INKEL 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 or use the information in any manner prejudicial to the safety of the State.

Date:

Signature of Contractor

Postal Address:

Witness:

Address:

Occupation:



## Certificate of near relatives

### DECLARATION

(To be submitted by the Contractor regarding near relatives working in INKEL as per clause 16 of INKEL -6)

“I ..... s/o Shri.....Resident of.....  
.....hereby certify that none of my relative(s) as  
defined in clause 16 of INKEL -6 is/are employed in concerned Department of INKEL.

In case at any stage, it is found that the information gives by me is false/incorrect, INKEL shall have the absolute right to take any action as deemed fit without any prior information to me.”

**Signature of Contractor**

## Proforma Of Schedules

*(Separate Proforma for Civil, Elect. & Hort. Works in case of Composite Tenders)  
(Operative Schedules to be supplied separately to each intending tenderer)*

### SCHEDULE 'A'

Schedule of quantities (as per BOQ)

### SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sl No	Description of item	Quantity	Rates in figures & words at which the material will be charged to the Contractor	Place of Issue
1	2	3	4	5

### SCHEDULE 'C'

Tools and plants to be hired to the contractor.

Sl No	Description	Hire Charges per day	Place of issue
1	2	3	4

### SCHEDULE 'D'

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

### SCHEDULE 'E'

Reference to General Conditions of contract: uploaded in [www.inkel.in](http://www.inkel.in)

Name of work: **INTERNAL ELECTRIFICATION DISTRIBUTION SYSTEM, KINFRA MEGA FOOD PARK, KANJIKODE, PALAKKAD (DT), KERALA**

Estimated cost of work: **Rs. 3.0976 Crores**

- (i) Earnest money: **Rs. 6.1953 Lakhs** (to be returned after receiving performance guarantee)
- (ii) Performance Guarantee: **5% of tendered value.**
- (iii) Security Deposit: **2.5% of each bill**

### SCHEDULE 'F'

GENERAL Office inviting tender:  
 RULES &  
 DIRECTIONS:

**Managing Director, INKEL**

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

**As per Clause 12**

**Definitions:**

2(v)	Engineer-in-charge	<b>AGM, INKEL</b>
2(viii)	Accepting Authority	<b>Managing Director, INKEL</b>
2(x)	Percentage on cost of materials and labour to cover all overheads and profits	<b>15%</b>
2(xi)	Standard Schedule of rates	<b>CPWD DSR 2014</b>
2(xii)	Department	<b>INKEL</b>

**Clause 1**

- |     |  |               |
|-----|--|---------------|
| i)  | Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance                                    | <b>7 days</b> |
| ii) | Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above ..... | <b>Nil</b>    |

**Clause 2**

Authority for fixing compensation under clause 2.	<b>Managing Director, INKEL</b>
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**Clause 2A**

Whether Clause 2A shall be applicable	<b>No</b>
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**Clause 5**

Number of days from the date of issue of letter of acceptance for reckoning date of start	<b>14 days</b>
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Milestone as per table given below

Sl No	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1.	1/8 <sup>th</sup> (of whole work)	1/4 <sup>th</sup> ( of whole work)	In the event of not achieving the necessary progress as assessed from the running payments, 1 % of the tendered value of work will be withheld for failure of each mile stone
2.	3/8 <sup>th</sup> ( of whole work)	1/2 <sup>th</sup> ( of whole work)	
3.	3/4 <sup>th</sup> (of whole work)	3/4 <sup>th</sup> ( of whole work)	
4.	Full	Full	

Time allowed for execution of work: **4 MONTHS**

Authority to decide:

- a. Extension of time **Managing Director, INKEL**
- b. Rescheduling of mile stones **Managing Director, INKEL**
- c. Shifting of date of start in case of delay in handing over of site  
: **Managing Director, INKEL**

**Clause 6,  
6A**

Clause applicable - (6 or 6A)

**Clause 6A**

**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. 30 Lakhs**

**Clause 11**

Specifications to be followed for execution of work

: CPWD General Specifications for Electrical Works Part I Internal - 2013.  
CPWD General Specifications for Electrical Works Part IV Sub Station - 2013.  
CPWD General Specifications for Electrical Works Part VII D.G. Sets - 2013.  
General Specifications for Electrical Works - Internal - 2005

**Clause 12**

Type of work: Original

**12.2 & 12.3**

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

**: As per clause 12 of General Conditions**

**12.5**

(i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items)

**: As per clause 12 of General Conditions**

(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items

**: As per clause 12 of General Conditions**

**Clause 16**

Competent Authority for deciding reduced rates.

**Managing Director, INKEL**

**Clause 31**

Contractor shall make his/their own arrangement for water required for the work and nothing extra will be paid for the same. Water if available may be supplied to the contractor by INKEL, the water charges @1% shall be recovered on gross amount of the work done.

**Clause 36(i)**

Sl 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)	
						Figures	Words
1.	Graduate Engineer	Electrical	Project Manager	5 years	1	25,000/- per month	Rupees Twenty five Thousand Per Month
2.	Graduate Engineer	Electrical	Project Engineer	2 years	1	15,000/- per month	Rupees Fifteen Thousand Per Month
3.	Diploma	Electrical	Site supervisor	2 years	1	10,000/- per month	Rupees Ten Thousand Per Month

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

Diploma holder with minimum 10yr relevant experience with a reputed construction company can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of Degree Engineers.

## GENERAL GUIDELINES FOR BIDDERS

### 1. General:

- 1.1. Letter of transmittal and forms for deciding eligibility are given in Section III.
- 1.2. All information called for in the enclosed forms should be furnished against the relevant columns in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a “nil” or “no such case” entry should be made in that column. If any particulars/query is not applicable in case of the bidder, it should be stated as “not applicable”. The bidders are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the bid being summarily disqualified. Bids made by telegram or telex and those received late will not be entertained.
- 1.3. The bid should be type-written. The bidder should sign each page of the application.
- 1.4. Overwriting should be avoided. Correction, if any, should be made by neatly crossing out, initialling, dating and rewriting. Pages of the eligibility criteria document are numbered. Additional sheets, if any added by the contractor, should also be numbered by him. They should be submitted as a package with signed letter of transmittal.
- 1.5. References, information and certificates from the respective clients certifying suitability, technical knowledge or capability of the bidder should be signed by an officer not below the rank of Executive Engineer or equivalent.
- 1.6. The bidder may furnish any additional information which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is, however, advised not to furnish superfluous information. No information shall be entertained after submission of eligibility criteria document unless it is called for by the Employer.
- 1.7. Any information furnished by the bidder found to be incorrect either immediately or at a later date, would render him liable to be debarred from tendering/taking up of work in INKEL.

### 2. Definitions:

- 2.1 In this document the following words and expressions have the meaning hereby assigned to them.
- 2.2 Employer: Means the Managing Director, INKEL.
- 2.3 Bidder: Means the individual, proprietary firm, firm in partnership, limited company private or public or corporation.
- 2.4 “Year” means “Financial Year” unless stated otherwise.

### 3. Method of application:

- 3.1 If the bidder is an individual, the application shall be signed by him above his full type written name and current address.
- 3.2 If the bidder is a proprietary firm, the application shall be signed by the proprietor above his full type written name and the full name of his firm with its current address.
- 3.3 If the bidder is a firm in partnership, the application shall be signed by all the partners of the firm above their full typewritten names and current addresses, or, alternatively, by a partner holding power of attorney for the firm. In the later case a certified copy of the power of attorney should accompany the application. In both cases a certified copy of the partnership deed and current address of all the partners of the firm should accompany the application.
- 3.4 If the bidder is a limited company or a corporation, the application shall be signed by a duly authorized person holding power of attorney for signing the application accompanied by a copy of the power of attorney. The bidder should also furnish a copy of the Memorandum of Articles of Association duly attested by a Public Notary.

### 4. Final decision making authority.

The employer reserves the right to accept or reject any bid and to annul the process and reject all bids at any time, without assigning any reason or incurring any liability to the bidders.

### 5. Particulars provisional

The particulars of the work given are provisional. They are liable to change and must be considered only as advance information to assist the bidder.

### 6. Site visit

The bidder is advised to visit the site of work, at his own cost, and examine it and its surroundings to himself collect all information that he considers necessary for proper assessment of the prospective assignment.

### 7. Initial criteria for eligibility

7.1 The Bidder should have satisfactorily completed works during the last **Seven years** ending *previous day of last date of submission of tenders*. For this purpose cost of work shall mean gross value of the completed work including cost of material supplied by the Government/Client but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer/Project Manager or equivalent.

- Three similar works each costing not less than **Rs. 1.2390 Crores**  
Or  
Completed two similar works each costing not less than **Rs. 1.8586 Crores**  
or  
Completed one similar work costing not less than **Rs. 2.4781 Crores**

And

- One work of any nature (either part of (i) above or a separate one) costing not less than **Rs. 1.2390 Crores** with some Central/State Government/Central Autonomous Body/Central Public Sector Undertaking.

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 applications for tenders.

7.2 The tenderer shall have to furnish an affidavit as under :

*“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 INKEL, then I/We shall be debarred for tendering in INKEL contracts in future forever. Also, if such a violation comes to the notice of Department before date start of work, INKEL shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.”*

7.3 The bidder should have had average annual financial turn over (gross) of **Rs. 92.9301 Lakhs** on Electrical construction work during the last *available* three consecutive *balance sheets (may range from six to eighteen months) duly audited by Chartered Accountant*. Year in which no turnover is shown would also be considered for working out the average.

7.4 The bidder should not have incurred any loss in more than two years during *available last five consecutive balance sheets, duly certified and audited* by the Chartered Accountant.

7.5 The bidding capacity of the contractor should be equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula:

$$\text{Bidding Capacity} = \{[AxNx2]-B\}$$

Where,

A = Maximum *turnover in* construction works executed in any one year during the last five years taking into account the completed as well as works in progress.

*The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum (as mentioned in para 7.1).*

N = Number of years prescribed for completion of work for which bids has been invited.

B = Value of existing commitments and on going works to be completed during the period of completion of work for which bids have been invited.

7.6 The bidder should have a solvency of **Rs. 1.2390 Crores** certified by his Bankers.



7.7 The bidder should own constructions equipment as per list required for the proper and timely execution of the work. Else, he should certify that he would be able to manage the equipment by hiring etc., and submit the list of firms from whom he proposes to hire.

7.8 The bidder should have sufficient number of Technical and Administrative employees for the proper execution of the contract. The bidder should submit a list of these employees stating clearly how these would be involved in this work.

7.9 The bidder's performance for each work completed in the last Seven years and in hand should be certified by an officer not below the rank of Executive Engineer or equivalent and should be obtained in sealed cover.

## **8. Evaluation criteria**

The detailed submitted by the bidders will be evaluated by technical committee formed for the work.

The initial criteria prescribed in para 7.1 to 7.5 above in respect of experience of similar class of works completed, bidding capacity and financial turn over etc. will first be scrutinized and the bidder's eligibility for the work be determined.

Even though any bidder may satisfy the above requirements, he would be liable to disqualification if he has:

- a. made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document,
- b. Record of poor performance such as abandoning work, not properly completing the contract, or financial failures / weaknesses etc.

## **9. Financial information**

Bidder should furnish the following financial information:

Annual financial statement for the last five year in (Form "A") and solvency certificate in (Form "B")

## **10. Experience in works highlighting experience in similar works**

10.1 Bidder should furnish the following:

- a. List of all works of similar nature successfully completed during the last seven years in (Form "C").
- b. List of the projects under execution or awarded in (Form "D").

10.2 Particulars of completed works and performance of the bidder duly authenticated/certified by an officer not below the rank of Executive Engineer or equivalent should be furnished separately for each work completed or in progress in (Form "E").

10.3 Information in (Form "D") should be complete and no work should be left out.

## 11. Organisation information

Bidder is required to submit the information in respect of his organization in Forms “F & G”

## 12. Letter of transmittal

The bidder should submit the letter of transmittal attached with the document.

## 13. Opening of Price bid

After evaluation of applications, a list of short listed agencies will be prepared. Thereafter the financial bids of only the qualified and technically acceptable bidders shall be opened at the notified time, date and place in the presence of the qualified bidders or their representatives. The bid shall remain valid for ***a period of 90 days from the date of opening of technical bids.***

## 14. Award criteria

14.1 The employer reserves the right, without being liable for any damages or obligation to inform the bidder, to:

- a. amend the scope and value of contract to the bidder.
- b. Reject any or all the applications without assigning any reason.

14.2 Any effort on the part of the bidder or his agent to exercise influence or to pressurize the employer would result in rejection of his bid. Canvassing of any kind is prohibited.

## INFORMATIONS REGARDING ELIGIBILITY

### LETTER OF TRANSMITTAL

From:

.....  
.....  
.....  
.....

To

MANAGING DIRECTOR  
INFRASTRUCTURE KERALA LIMITED (INKEL)  
Kakkanad, Cochin

Sir,

Subject: Submission of bids for the work of .....

Having examined the details given in press notice and bid document for the above work, I/we hereby submit the relevant information.

1. I/we hereby certify that all the statement made and information supplied in the enclosed forms A to G and accompanying statement are true and correct.
2. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/we submit the requisite certified solvency certificate and authorize the Managing Director to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/we also authorize Managing Director to approach individuals, employers, firms and corporation to verify our competence and general reputation.
4. I/we submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following works:

Name of work:

Enclosures

Date of submission:

**Signature(s) of Bidder(s).**

(Seal of bidder)

**FORM 'A'**

**FINANCIAL INFORMATION**

- I. Financial Analysis - Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

**Years**


- (i) Gross Annual turnover on construction works.
  - (ii) Profit/Loss.
- II. Financial arrangements for carrying out the proposed work.
- III. Solvency Certificate from Bankers of the bidder in the prescribed Form "B".

**Signature of Chartered Accountant with Seal**

**Signature of Bidder(s)**

**FORM "B"****FORM OF BANKERS' CERTIFICATE FROM A SCHEDULED BANK**

This is to certify that to the best of our knowledge and information that M/s./ Shri.....having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement upto a limit of Rs..... (Rupees.....)

This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

**(Signature)**  
**For the Bank**

**NOTE:**

1. Bank's certificates should be on letter head of the Bank, sealed in cover addressed to tendering authority.
2. In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

**FORM 'C'**

**DETAILS OF ALL WORKS OF SIMILAR CLASS COMPLETED DURING THE  
LAST 7 YEARS ENDING LAST DAY OF THE MONTH .....**

Sl No	Name of work/ Project and Location	Owner of sponsoring organization	Cost of work in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/ arbitration cases pending/ in progress with details*	Name & address/ Telephone number of officer whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10

\* Indicate gross amount claimed and amount awarded by the Arbitrator.

**Signature of Bidder(s)**

**FORM 'D'**

**PROJECTS UNDER EXECUTION OR AWARDED**

Sl No	Name of work/ Project and Location	Owner of sponsoring organization	Cost of work in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Upto date percentage progress of work	Slow Progress if any and reasons thereof	Name & address/ Telephone number of officer whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10

Certified that the above list of works is complete and no work has been left out and that the information given is correct to my knowledge and belief.

**Signature of Bidder(s)**

**FORM 'E'****PERFORMANCE REPORT OF WORKS REFERRED TO IN FORMS "C" & "D"**

1. Name of work/project & location
2. Agreement no.
3. Estimated cost
4. Tendered cost
5. Date of start
6. Date of completion
  - a. Stipulated date of completion
  - b. Actual date of completion
7. Amount of compensation levied for delayed completion, if any
8. Amount of reduced rate items, if any
9. Performance Report

Dated:

**Executive Engineer or Equivalent**



**FORM "F"****STRUCTURE & ORGANISATION**

1. Name & address of the bidder
2. Telephone no./Fax no.
3. Legal status of the bidder (attach copies of original document defining the legal status)
  - a. An Individual
  - b. A proprietary firm
  - c. A firm in partnership
  - d. A limited company or Corporation
4. Particulars of registration with various Government Bodies (attach attested photocopy)

**Organisation/Place of registration****Registration No.**

- a)
- b)
- c)

5. Names and titles of Directors & Officers with designation to be concerned with this work.
6. Designation of individuals authorized to act for the organization
7. Was the bidder ever required to suspend construction for a period of more than six months continuously after he commenced the construction? If so, give the name of the project and reasons of suspension of work.
8. Has the bidder, or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment.
9. Has the bidder, or any constituent partner in case of partnership firm, ever been debarred/black listed for tendering in any organization at any time? If so, give details.
10. Has the bidder, or any constituent partner in case of partnership firm, ever been convicted by the court of law? If so, give details.
11. In which field of Civil Engineering construction the bidder has specialization and interest?
12. Any other information considered necessary but not included above.

**Signature of Bidder(s)**

**FORM 'G'**

**DETAILS OF TECHNICAL & ADMINISTRATIVE PERSONNEL TO BE EMPLOYED FOR THE WORK**

Sl No	Designation	Total Number	Number available for this work	Name	Qualification	Professional experience and details of work carried out	How these would be involved in this work	Remarks
1	2	3	4	5	6	7	8	9
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

**Signature of Bidder(s)**

## GENERAL GUIDELINES FOR E-PROCUREMENT

Prospective bidders willing to participate in this tender shall necessarily register themselves with e-procurement portal ([www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in)). The tender timeline is available in the critical date section of this tender published in [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in).

### A). Online Bidder registration process:

Bidders should have a Class II or above Digital Signature Certificate (DSC) to be procured from any Registration Authorities (RA) under the Certifying Agency of India. Details of RAs will be available on [www.cca.gov.in](http://www.cca.gov.in). Once, the DSC is obtained, bidders have to register on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) website for participating in this tender. Website registration is a one-time process without any registration fees. However, bidders have to procure DSC at their own cost.

Bidders may contact e-Procurement support desk of Kerala State IT Mission over telephone at 0471- 2577088, 2577188, 2577388 or 0484 - 2336006, 2332262 - through email: [etendershelp@kerala.gov.in](mailto:etendershelp@kerala.gov.in) for assistance in this regard.

### B). Online Tender Process:

The tender process shall consist of the following stages:

- i. **Downloading of tender document:** Tender document will be available for free download on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in). However, tender document fees shall be payable at the time of bid submission as stipulated in this tender document.
- ii. **Pre-bid meeting:**
- iii. **Publishing of Corrigendum:** All corrigenda shall be published on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) and shall not be available elsewhere.
- iv. **Bid submission:** Bidders have to submit their bids along with supporting documents to support their eligibility, as required in this tender document on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in). No manual submission of bid is allowed and manual bids shall not be accepted under any circumstances.
- v. **Opening of Technical Bid and Bidder short-listing:** The technical bids will be opened, evaluated and shortlisted as per the eligibility and technical qualifications. All documents in support of technical qualifications shall be submitted (online). Failure to submit the documents online will attract disqualification. Bids shortlisted by this process will be taken up for opening the financial bid.

- vi. **Opening of Financial Bids:** Bids of the qualified bidder's shall only be considered for opening and evaluation of the financial bid on the date and time mentioned in critical date's section.

**C). Tender Document Fees and Earnest Money Deposit (EMD)**

The Bidder shall pay, a tender document fees and Earnest Money Deposit. The Bid security is required to protect the purchaser against risk of Bidder's conduct, which would warrant the forfeiture of security.

**Online Payment modes:** The tender document fees and EMD can be paid in the following manner through e-Payment facility provided by the e-Procurement system:

- i. **State Bank of Travancore (SBT) Internet Banking:** If a bidder has a SBT internet banking account, then, during the online bid submission process, bidder shall select SBT option and then select Internet banking option. The e-Procurement system will re-direct the bidder to SBT's internet banking page where he can enter his internet banking credentials and transfer the tender document and EMD amount.
- ii. **National Electronic Fund Transfer (NEFT)/ Real Time Gross Settlement (RTGS):** If a bidder holds bank account in a different bank, then, during the online bid submission process, bidder shall select NEFT / RTGS option. An online remittance form would be generated, which the bidder can use for transferring amount through NEFT / RTGS either by using internet banking of his bank or visiting nearest branch of his bank. After obtaining the successful transaction receipt no., the bidder has to update the same in e-Procurement system for completing the process of bid submission. Bidder should only use the details given in the Remittance form for making a NEFT / RTGS payment otherwise payment would result in failure in e-Procurement system.

**As NEFT payment status confirmation is not received by e-Procurement system on a real-time basis, bidders are advised to exercise NEFT mode of payment option at least 48 hours prior to the last date and time of bid submission to avoid any payment issues.**

**For RTGS the timings that the banks follow may vary depending on the customer timings of the bank branches and settlement from RBI. Bidders are advised to exercise RTGS mode of payment at least 24 hours prior to the last date and time of bid submission to avoid any payment issues.**

NEFT / RTGS payment should done according to following guidelines:

- i. **Single transaction for remitting Tender document fee and EMD:** Bidder should ensure that tender document fees and EMD are remitted as one single transaction.
- ii. **Account number as per Remittance Form only:** Account no. entered during

NEFT/RTGS remittance at any bank counter or during adding beneficiary account in Internet banking site should be the same as it appears in the remittance form generated for that particular bid by the e-Procurement system. Bidder should ensure that tender document fees and EMD are remitted only to the account number given in the Remittance form provided by e-Procurement system for that particular tender.

Bidders must ensure that the banker inputs the Account Number (which is case sensitive) as displayed in the Remittance form. No additional information like bidder name, company name, etc. should be entered in the account no. column along with account no. for NEFT / RTGS remittance.

- iii. **Only NEFT / RTGS Remittance Allowed:** Account to Account transfers, State Bank Group Transfers (GRPT), Payments from NRE Accounts, SWIFT Transfers, IMPS or Cash payments are not allowed and are treated as invalid mode of payments. Bidder must ensure that the banker does NEFT or RTGS (for above 2 lakhs payments as per RBI guidelines) transaction only and specially instruct the banks not to convert the payment type to GRPT or any other payment mode.
- iv. **Amount as per Remittance form:** Bidder should ensure that the amount being remitted is neither less nor higher than the amount shown in remittance form.
- v. **UTR Number:** Bidders should ensure that the remittance confirmation (UTR number) received after NEFT / RTGS transfer should be updated as it is, in the e-Procurement system for tracking the payment.
- vi. **One Remittance Form per Bidder and per Bid:** The remittance form provided by e-Procurement system shall be valid for that particular bidder and bid and should not be re-used for any other tender or bid or by any other bidder.

Any transaction charges levied while using any of the above modes of online payment has be borne by the bidder. The supplier/contractor's bid will be evaluated only if payment status against bidder is showing "Success" during bid opening.

#### **D). SUBMISSION PROCESS:**

For submission of bids, all interested bidders have to register online as explained above in this document. After registration, bidders shall submit their Technical bid and financial bid online on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) along with online payment of tender document fees and EMD.

For page by page instructions on bid submission process, please visit [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) and click "Bidders Manual Kit" link on the home page.

**It is necessary to click on "Freeze bid" link/ icon to complete the process of bid submission otherwise the bid will not get submitted online and the same shall not be available for viewing/ opening during bid opening process.**

## PROFORMA FOR PRELIMINARY AGREEMENT

(To be executed on stamp paper of value Rs.200/- and submitted along with tender).

Preliminary agreement entered into on this...../ day of ..... **Two thousand Ten** between **INFRASTRUCTURE KERALA (INKEL) KAKKANAD, COCHIN** (Hereinafter called owner on one part and .....  
.....(name and address of the Contractor) (Hereinafter called the Contractor) on the other part for the execution of the agreement as well as the work of ..... dated ..... And whereas the notice inviting tenders it is stated as follows. Before commencing the work of within a week of the date when the acceptance of tender has been intimated to him, shall be remitted to INKEL, an amount of 5% of the work order value as Performance Security Deposit. 50 % of this amount shall be in the form of Treasury Fixed Deposit and the rest in the form of Bank Guarantee from a Scheduled/ Nationalized bank and execute the contract agreement within seven days from the date of the letter of acceptance or ten days from the date of work order whichever is earlier. The validity of BG shall be up to the period of completion of work / the extended period of completion of work with an additional claim period of three months.

If he fails to do this or fail to maintain a specified rate of progress, the EMD shall be forfeited to at Infrastructure Kerala Limited (INKEL) and fresh tenders shall be called for or the matter otherwise disposed. If as a result of such measures due to the default of the tender to pay the requisite deposit sign contracts to take possession of the work any loss to the Infrastructure Kerala Limited (INKEL) results, the same will be recovered from him as arrears of revenue but should it be a saving to Infrastructure Kerala Limited (INKEL) the original contractor shall have no claim whatever to the difference. Recoveries to this or any other account will be made from the sum that may be due to contractor on this or any other contracts or under the Revenue Recovery Act or otherwise as the Infrastructure Kerala Limited (INKEL) may decide.

Now therefore these present witness and it is mutually agreed as follows:

1.The terms and condition for the said contract having been stipulated in the said tender form to which the contractor has agreed, a copy of which is appended, and which forms part of this agreement, it is agreed that the terms and conditions stipulated there in shall bind the parties to this agreement, except to the extent to which they are abrogated or altered by express terms and conditions herein, agreed to and in which respect the express provisions herein shall supersede those of the said tender form.

2. The Contractor hereby agree and under take the perform and fulfil all the operation and obligations connected with the execution of the said contract work viz. - ..... for INKEL, Cochin.

3. If the Contractor does not come forward to execute the original agreement after the said work is awarded and letter of acceptance issued in his favour or commits breach of any of the Conditions of the Contract as stipulated in the Notice inviting Tenders as quoted above within the period stipulated, Infrastructure Kerala Limited (INKEL) may rearrange the works otherwise or get it done otherwise at the risk and cost of the contractor and the loss so sustained by Infrastructure Kerala Limited (INKEL) can be realizing from the contractor under the Revenue Recovery Act as if arrears of land revenue as assessed, quantified and fixed by an adjudicating authority consisting of Infrastructure Kerala Limited (INKEL) or any other officer or officers authorised by Infrastructure Kerala Limited (INKEL) taking into consideration the prevailing rates and after giving due notice to the Contractor. The decision taken by such authorised officer or officers shall be final and conclusive and shall be binding on the contractor.

4. The contractor further agrees that any amount found due to Infrastructure Kerala Limited (INKEL) under or by virtue of this agreement shall be recoverable from the Contractor from his E.M.D. and his properties, movable and immovable as arrears of land revenue under the provision of the Revenue Recovery Act for the time being in force or in any other manner as Infrastructure Kerala Limited (INKEL) may deem fit in this regard.

In witness where of ....., Managing Director, Infrastructure Kerala Limited (INKEL) and the Contractor, have set their hands on the day and year first above written, signed by Sri..... Managing Director, INKEL, Cochin.

In the presence of witness

1. ....

2. ....

Signed and delivered by Sri....., Contractor,

in the presence of witness.

1.....

2.....

## OTHER INSTRUCTIONS TO BIDDERS

1. All other relevant forms shall be in the format prescribed CPWD Manual.
2. All Statutory approvals both initial & final wherever necessary for the execution of work from concerned authorities shall be obtained by Contractor at his own expense. However statutory fees will be reimbursed on submission of receipts.
3. All queries regarding the tender shall be send to us by email [pmc@inkelkerala.com](mailto:pmc@inkelkerala.com) on or before 5:00 PM on 22.02.2017.
4. Representatives of bidders/firms participating in the pre-bid meeting shall produce authorisation from the firm.
5. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.

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### LIST OF APPROVED MAKES

SI No	Description	Make
1	H T Panel	Megawin/Intrans/ L & T
2	Oil Type Transformers	KEL/ Intrans
3	Outdoor LT Panels	Hensel/Mennekkes
4	Indoor LT Panels	Any CPRI approved Manufacturer
5	Outdoor Panel Enclosure	Rittal/ Power Control
6	HT & LT Cables	Nicco /Polycab/ RR Kable/ Gloster/ Torrent/ Universal/ KEI
7	HT Cable Termination Kit [Heat shrinkable type]	Raychem/ M-Seal / Denson
8	Cable Gland	Comet/Dowells/ Jaison/ Polycab
9	Crimping Sockets	Comet/ Dowells/ Jaison
10	LT ACBs	L & T /Schneider/ Seimens / Legrand
11	MCCB's	L&T/ / Schneider /Siemens /Legrand
12	MPCB	L & T /Schneider/ Seimens
13	Change over switch (COS)	L & T /Schneider/ Legrand
14	3 phase starter	L & T /Schneider/ Seimens
15	Contactors	L&T/ Schneider/Siemens /Legrand
16	Isolator/SFU	L&T/HPL/Havells
17	Current transformer	PGR Powertech /Intrans /kappa /AE
18	Indicating Meters	MP/ Socomec/ L&T/ Elmeasure/ HPL/AE/MECO/ Schneider
19	Selector Switches	Salzer / Kaycee /Abb / L&T
20	KWHR, KW Meters/TOD	Socomec/ L&T/ CMS/ HPL/ Elmeasure/Secure
21	Multifunction Meters	MP/ Socomec/ L&T/ Elmeasure/ HPL
22	Relay & Controls	Areva/ L &T/ Siemens / GE/ ABB/Alstom/C&S
23	Indicating Lamps	Technic / L&T
24	Light Fixtures/Street lights	Wipro/ Osram/ GE/ Philips/ Crompton Greaves
25	PVC Conduits	Balco / Konseal / Precision / Avon plast

26	Junction box	Syntex
27	PVC wires	Finolex / Polycab/ Havells/ Ravin Cables/RR Kabel
28	Earth Electrode	Ashlok / Galaxy / Safe Earth/ El safe
29	22 KV structure/OH line (All Items)	As per KSEB approved make
30	Other Items	Approval from Client/ Consultant

**\*For all the above items, prior approval shall be taken from INKEL/PMC**

## Additional Conditions

All works shall be carried out at site as per following:

### CIVIL

- I. CPWD Specifications 2009 Vol 1 & 2

### ELECTRICAL

- I. CPWD Specifications 2014.

### 1. SAFETY DURING EXECUTION OF ELECTRICAL WORKS

1. All possible care and precautions shall be taken to prevent any injury or danger to persons, animals and property during the execution of the works.
2. As far as electrical works are concerned all the safety practice as recommended in the following shall be strictly followed:
  - I. The Indian Electricity Rules. 1956
  - II. The National Electrical Code. 1985
  - III. The Indian Standard Specifications
  - IV. The Indian Standard codes of Practice
  - V. The Tariff Advisory Committee Regulations
  - VI. Practice meeting approval of the Electrical Inspector
  - VII. Indian Electricity Act 2003

All these publications shall be their latest versions including all the amendments and revisions made up to the date on which reference will be made to them. Where relevant Indian Standard specifications or codes of practice are not available, reference shall be made to the latest versions of relevant B.S. and I.E.C. standard specifications and Codes of Practice.

3. During the time when work is going on at the site, there shall be available at site, persons well-trained in artificial resuscitation and other treatment to be given to any one suffering from electrical shock.
4. All required first aid appliance and materials shall be readily available at the site and shall be quickly accessible for use during an emergency.
5. Any person who requires to be hospitalized shall be taken to the nearest public hospital without any loss of time.
6. Scaffolding provided for workmen shall be strong, stable and safe. They shall be tested for safety and shall be continuously inspected for any possibility of failure or danger.
7. No portable single ladder shall be more than 5m long. The minimum clear width of the runs between the side rails shall be 300 mm and the distance between adjacent rungs shall not be more than 300 mm. Whenever a ladder is used an extra workmen shall be engaged to hold the ladder.
8. All excavated trenches and pits shall be surrounded with temporary fencing.

## **2. LIST OF SPECIFICATIONS FOR ELECTRICAL INSTALLATION WORK**

The following specifications will apply under all circumstances to the equipment to be supplied and installed against this contracts and it is to be ensured that the Contractor shall obtain for himself at his own expense and on his own responsibility all the information which may be necessary for the purpose of submitting the tender and for entering into a contract keeping in view the specifications of installation and inspection of site etc.

IS 613 : 2000	Copper Rods and Bars for Electrical Purposes - Specification
IS 1248 : Part 1 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and their Accessories - Specification - Part : 1 Definitions and General Requirements
IS 1248 : Part 2 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and their Accessories - Part 2 : Special Requirements for Ammeters and Voltmeters
IS 1248 : Part 3 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and their Accessories - Part 3 : Special Requirements for Wattmeter and Varmeter
IS 1248 : Part 4 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and Their Accessories - Part 4 : Special Requirements for Frequency Meters
IS 1248 : Part 5 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and Their Accessories - Part 5 : Special Requirements for Phase Meters, Power Factor Meters and Synchrosopes
IS 1248 : Part 6 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and their Accessories - Part 6 : Special Requirements for Ohmmeters (Impedance Meters) and Conductance Meters
IS 1248 : Part 7 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and their Accessories - Part 7 : Special Requirements for Multi-Function Instruments
IS 1248 : Part 8 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and Their Accessories - Part 8 : Special Requirements for Accessories
IS 1248 : Part 9 : 2003	Direct Acting Indicating Analogue Electrical Measuring Instruments and Their Accessories - Part 9 : Test Methods
IS 1271 : 1985	Thermal evaluation and classification of electrical insulation
IS 1646 : 1997	Code of practice for fire safety of buildings (general): Electrical installations

IS 1885 : Part 9 : 1992	Electro technical Vocabulary: Part 9 Electrical relays
IS 1897 : 1983	Copper strip for electrical purposes
IS 2419 : 1979	Dimensions for panel mounted indicating and recording electrical instruments
IS 2448 : Part 1 : 1963	Adhesive insulating tapes for electrical purposes: Part 1 Tapes with cotton textile substrates
IS 2464 : 1963	Built-up mica for electrical purposes
IS 3024 : 1997	Grain oriented electrical steel sheets and strips
IS 3231 : Part 1.2,3 : Sec 1 : 1986	Specification for Electrical Relays for Power System Protection Part 1 : General Requirements Section 1 : Contact Performance
IS 3480 : 1966	Flexible steel conduits for electrical wiring
IS 3837 : 1976	Accessories for rigid steel conduits for electrical wiring
IS 3842 : Part 12 : 1976	Application guide for electrical relays for ac systems: Part 12 Differential relays for transformers
IS 4483 : Part 1 : 1968	Preferred panel cutout dimensions for electrical relays: Part 1 Flush mounting IDMTL relays
IS 4648 : 1968	Guide for Electrical Layout in Residential Buildings
IS 5216 : Part I : 1982	Recommendations on Safety Procedures and Practices in Electrical Work - Part I : General
IS 9537 : Part 1 : 1980	Conduits for electrical installations: Part 1 General requirements
IS 9537 : Part 2 : 1981	Conduits for electrical installations: Part 2 Rigid steel conduits (superseding IS:1653)
IS 9537 : Part 3 : 1983	Conduits for electrical installations: Part 3 Rigid plain conduits of insulating materials (superseding IS:2509)
IS 9537 : Part 4 : 1983	Specification for Conduits for Electrical Installations - Part 4 : Pliable Self-recovering Conduits of Insulating Materials
IS 9537 : Part 5 : 2000	Conduits for Electrical Installations - Part 5 : Pliable Conduits of Insulating Material
IS 9537 : Part 6 : 2000	Conduits for Electrical Installations - Specification - Part 6 : Pliable Conduits of Metal or Composite Materials
IS 9537 : Part 8 : 2003	Conduits for Electrical Installations - Specification - Part 8 : Rigid Non-Threadable Conduits of Aluminium Alloy
IS 10381 : 1982	Terms (and their Hindi equivalents) commonly used for name plates and similar data of electrical power equipment
IS 11005 : 1984	Dust tight ignition proof enclosures of electrical equipment

IS 14927 : Part 1 : 2001	Cable Trunking and Ducting Systems for Electrical Installations : Part 1 General Requirements
IS 14927 : Part 2 : 2001	Cable Trunking and Ducting Systems for Electrical Installations : Part 2 Cable Trunking and Ducting Systems Intended for Mounting on Walls or Ceiling
IS 14930 : Part 1 : 2001	Conduit Systems for Electrical Installations - Part 1 : General Requirements
IS 14930 : Part 2 : 2001	Conduit Systems for Electrical Installations - Part 2 : Particular Requirements - Conduit Systems Buried Underground
SP 30 : 1985	Special Publication - National Electrical Code
IS 2516 - (L) PART I & II Section -	LT air circuit breakers
IS 4064 (L)	Fuse switch units and switch fuse units
IS 2208 (L)	H R C fuse links
IS 2675 (L)	Distribution Boards
IS 2147	Enclosures for low voltage switch gears
IS 2418 (L)	Tabular Fluorescent lamps
IS 415 (L)	Tungsten filament lamps
IS 374 (L)	Ceiling fan
IS 1947 (L)	Flood light
IS 1771 (L)	Industrial light fittings
IS 3553 (L)	Water proof electrical fittings
IS 5133 (L)	Steel boxes for enclosure of electrical accessories
IS 2667 (L)	Fittings for rigid steel conduit:
IS 653 (L)	Mild steel conduit for Electrical wiring
IS 3837 (L)	Accessories for rigid steel conduit for electrical wiring
IS 4615 (L)	Switch socket outlets
IS 1293 (L)	Three pin plug & socket outlet
IS 3854 (L)	Switches for domestic and similar purposes
IS 2268 (L)	Call bell and buzzers
IS 3043 (L)	Earthing
IS 3072 (L)	Switch gear
IS 2309 (L)	Lighting protection
IS 7098 (L)	HT cable
IS 1886 (L)	Power transformer

IS 2705 (L)	Current Transformer
IS 2516 Part I & II / Sector I (L)	MCCB
IS 2959 (L)	Auxiliary contacts
IS 2834 (L)	Power factor correction capacitors
IS 9357 (L) Part 1,2,3 & 4	PVC/ Metal conduiting
IS 2544 (L)	Bus bar support insulators
IS 375: 1963	Marking and arrangement for switchgears bus-bars, main connections and auxiliary wiring (revised) (superseded by IS: 5578 and IS: 11353)
IS 694: 1986	PVC insulated cables for working voltages upto and including 1100 V (third revision) (Amendment 1)
IS 722 (Part 1): 1986	AC electrical meters: Part 1 general requirements and tests (third revision)
IS 732: 1989	Code of practice for electrical wiring installations (third revision)
IS 1336: 1959	Recommendations for the colour of push buttons [superseded by IS: 6875 (Part 2)]
IS 1554 (Part 1): 1988	PVC insulated (heavy duty) electric cables: Part 1 for working voltages up to and including 1 100 V (third revision) (Amendment 1)
IS 10118 (Part 1): 1982	Code of practice for selection installation and maintenance of switchgear and control gear: Part 1 General
IS 10118 (Part 2): 1982	Code of practice for selection installation and maintenance of switchgear and control gear: Part 2 Selection
IS 10118 (Part 3): 1982	Code of practice for selection installation and maintenance of switchgear and control gear: Part 3 Installation
IS 10118 (Part 4): 1982	Code of practice for selection installation and maintenance of switchgear and control gear: Part 4 Maintenance
IS 12021: 1987	Control transformers for switchgear and control gear for voltage not exceeding 1000 V ac (Amendment 1)
IS 12063: 1987	Classification of degrees of protection provided by enclosures of electrical equipment
IS 13234: 1992	Guide for short-circuit current calculations in three-phase as systems (superseding IS 5728)
IS 13947 (Part 1):1993	Low voltage switchgear and control gear: Part 1 General

	rules (superseding IS 4237)
IS 13947 (Part 2):1993	Low voltage switchgear and control gear: Part 2 Circuit breakers [superseding IS 2516(Part 1 & 2/Sec 1): 1985] (Amendment 1)
IS 13947 (Part 3):1993	Low voltage switchgear and control gear: Part 3 Switches, disconnectors, switch disconnectors and fuse combination units [superseding IS 4064(Part 1 and 2)]
IS 13947 (Part 4/Sec1) : 1993	Low voltage switchgear and control gear: Part 4 Contractors and motor starters, Sec 1 Electromechanical contactors and motor starters [superseding IS 2959 & IS 8544(All parts)] (Amendment 1)
IS 13947 (Part 5/Sec1) : 1993	Low voltage switchgear and control gear: Part 5 Control circuit devices and switching elements, Sec 1 Electromechanical control circuit devices [superseding IS 6875(All Parts)] (Amendment 1)
IS 14415: 1997	Volt-ampere hour meters for restricted power factor range [superseding IS 722(Part 5) 1980]
IS 5613 (Part 1) : 1985	Code of practice for design, installation and maintenance of overhead power lines.
IS 5613 (Part 2) : 1985	Lines above 11 kV and upto and including 220 kV