

KERALA STATE CONSTRUCTION CORPORATION LIMITED

(A Government of Kerala Undertaking)

CIN : U45201KL1975SGC002681

Administrative Office
30/1521-A, Bay under the Bridge
Northern side of Railway
Ponnuruni, Vyttila
Ernakulam - 682 019
Tele /Fax : 0484-2339953
E-mail : info@kscc.in
Web : www.kscc.in



Regional Office
Old PWD Store Compound
PMG, Vikas Bhavan P.O.
Behind BSNL Office
Thiruvananthapuram
Kerala - 695 033
Ph/Fax:0471 -230 6139 / 230 2881
E-mail: ksccgmtvm@gmail.com

TENDER

No.CC/Ro/Tvm/ ITI-P-AC/03/2017

19.12.2017

Tender No.CC/RO/TVM/9/17

Sealed tenders are invited from Electrical contractors(PWD C - class) in the prescribed form for the work mentioned below:

NAME OF WORK	PAC	EMD by DD/FD	Time of completion	Cost of tender document	Time & date of submission	Time & date of opening
Electrification work for the Construction of Amenity Hall and Canteen Building in ITI Parassala	Rs. 1,37,000	Rs. 3425/-	3 months	Rs.500+GST	30.12.2017 4:00 PM	01.01.2018 2:00 PM

“C” Class KPWD/ CPWD/Regd. Electrical Contractors with valid license issued from KSELB for the competency for executing 160 KVA Transformer installations.

Last date of receipt of tender : 30.12.2017 4:00 PM

Date of opening of tender : 01.01.2018 2:00 PM

Tender forms can be had from the office of the undersigned on all working days during office hours from 21.12.2017 to 30.12.2017 up to 1.00 pm

CONDITIONS:

Tenders in sealed cover super scribed Electrification work for the Construction of Amenity Hall and Canteen Building in ITI Parassala should reach the under signed at Registered Office, Old PWD Store Compound, PMG, Vikas Bhavan P.O., Thiruvananthapuram-33.on or before 4.00 PM on 30.12.2017 by Regd. Post/ Speed post. No tenders received after the above time shall be entertained and shall remain unopened. The cost of tender form for this work will be Rs.500+GST.

Contractor

1. The Tenders will be opened on 01.01.2018 at 2.00 PM at the Regional office, PMG, Vikas Bhavan P.O. Thiruvananthapuram in the presence of such of those bidders who opt to be present either in person or through duly authorized representatives.
2. Rates should be quoted in figures as well as in words. When rates quoted in figures and words are in disagreement, the rate quoted in words shall be taken for the purpose of evaluating the tender.
3. The rates quoted shall be for the entire work and the inclusive of taxes etc in accordance with the terms and conditions contemplated in the specifications contained herein.
4. The quantity shown in the schedule is only approximate. The contractor should carry out the quantities as required for proper completion of the work at the agreed rates without any extra claims for difference in quantities of various items of work on written order of KSCC.
5. Water and Electricity for the construction purpose shall be arranged by the contractor at his own cost.
6. Rates quoted shall be inclusive of GST. The GST registration certificate to be attached with tender document. The contractor having registration in GST shall furnish the bill.
7. The work should be commenced within 7 days on receipt of the work order from the Corporation and shall be completed within the time limit specified for each item of work by Engineer in charge. The contractor shall have to execute the work during holidays and night hours in various shifts if found necessary by the Engineer in charge, for the completion of work as per program issued, at no extra costs. Time of completion for the entire work is only from the date of work order and no extension of time will be granted under any circumstances.
8. The contractor shall make good all the damages made by him during execution for walls and floors for drawing electric cables or fixing boxes ceiling or fittings and finish the surface with plastering and furnishing as per direction of officers at his own expense. The contractor shall be responsible for removing from the site any debris or unused materials on completion of the work.
9. 7% of Gross bill amount to be recovered progressively from each bill subject to the conditions that the total amount of EMD, Security Deposit and Retention collected did not exceed 5% of contract PAC or Rs. 125 lakh whichever is lower. On completion of work, part of the Retention Amount will be converted as Security Deposit, so as to enhance the amount of Security Deposit to 5% of Gross PAC subject to a maximum of Rs.125 lakh. Retention amount will be released on production of Bank guarantee /Fixed deposit receipt.
10. The work should be completed or proportionate progress achieved according to the approved program failing which KSCC reserves the full right to terminate the work and rearrange the same at the risk and cost of the contractor.

Contractor

11. Any material brought to site, if rejected by KSCC shall be removed within 8 hours. No claim whatsoever on the account will be entertained. The decision taken by the undersigned regarding this will be final and binding to all concerned.
12. Any offer if not accompanied by EMD will be summarily rejected. EMD should be valid for 60 days from the date of opening of the tender.
13. The successful tenderer should remit Security Deposit of 5% of contract amount either in cash, Demand Draft, Bank Guarantee or Fixed Deposit Receipt from a Nationalized / Scheduled bank hypothecated to KSCC in favor of Regional Manager, KSCC and payable at Thiruvananthapuram valid up to the expiry of 28th day from the date of completion the defect liability period along with the agreement. The same will be released on completion of defect liability period.
14. The work shall conform to KPWD specification unless otherwise mentioned in the work order.
15. The contractor shall be responsible for maintaining the work in true lines and levels, horizontally etc. of the work and the work shall be maintained by the contractor and shall assist the officer of K.S.C.C in checking the same at free of cost.
16. Cost towards any test to be done regarding the material/work shall be borne by the contractor
17. The contractor should have valid License C class issued by the Kerala State Electricity Licensing Board and C Class Electrical registration with KPWD .
18. The Contractor should have satisfactorily completed as a prime contractor of at least one similar work of value not less than 40% of the estimated cost during the last 3 years
19. The offers submitted shall be valid for 60 days from the date of opening.
20. KSCC will have the right to determine to its satisfaction whether the tenderer selected as having submitted the lowest offer qualified to satisfactorily perform the contract.
21. The successful tenderer has to execute an agreement in stamp paper worth Rs.200/- in the approved Performa enclosed.
22. The applicant should not have abandoned any of their contracts in KSCC during the last five years.
23. KSCC reserves the right to accept or reject any offer without assigning any reason there off.
24. Contractor shall affix his signature on all pages.
25. In case the contractor fails to execute the agreement/commits any breach of the contract terms, his EMD will be forfeited and the works will be awarded to the next eligible bidder.

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26. Deduction towards Income Tax will be applicable as in force.

27. The Contractor shall be liable for any claim for compensation, damages or expenses payable as a result of any accident or injury or loss sustained by any workmen engaged or employed by him or any member of the general public on account of the execution of the contract and the amount he is liable to pay in accordance with the W.C. Act.

28. KCWWF will be deducted at the rate applicable from time to time from the bill amount of the contractor (at present 1% of bill amount)

<u>Accepted List of Materials</u>		
Name of work: Electrification work for the Construction of Amenity Hall and Canteen Building in ITI Parassala, Thiruvananthapuram Dist. (Light, power wiring and installation of Transformer etc)		
Sl.No.	Description of item	Accepted makes
1	FR PVC insulated copper wire /Flex wire (ISI marked)	Poly cab/RR Cabels /Traco/Sark
2	PVC Conduit	Precision/Avon Plast/Konseal
3	PVC Accessories	Precision/Avon Plast/Konseal
4	LT UG Power cable (ISI marked)	Sark/Poly cab/Rallison
5	Cable glands	Jainson/Braco/Comet/Hex
6	Cable sockets	Jainson/Braco/Comet/Hex/Dowells
7	Modular boxes, frontplates/switches/plug sockets/stepped electronic fan regularetc.	Legrand myrius/Seimens -Waga/ABB Classic
8	Ceiling rose (ISI marked with polycarbonate body)	Elleys/SSK/Ponds/IK/Anchor/CPL
9	MCB, MCCB, RCCB, RCBO, Miniature Isolator	Legrand/Hager/Seimens/Merlin Gerin
10	Enclosure of MCBDB	Same make MCB, RCCB, RCBO, Miniature Isolator used
11	SDU, SDFU, COS	L&T/Seimens/Legrand/ABB/Schneider.
12	HRC fuse units, Fuse links	HPL/C&S/Havells
13	T 5 fitting/Out door fitting	PhilipS /Wipro/Bajaj
14	CF Lamp	PhilipS /Osram/Bajaj/GE/Wipro (with pf>0.85, RoHS compliant & recyclable)
15	Sv lamps	PhilipS /Crompton/Wipro
16	1200 mm ceiling fan (5star rated)	Kulirma/Bajaj/Usha/Crompton
17	1400 mm ceiling fan	Bajaj/Usha/Crompton
18	Exhaust fan	Almonard/Usha/Crompton

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19	Cast resin Transformer	MEGAWIN/ABB
20	Bulk Head fitting	Dalal/Mepro
21	Bracket,Batten,Pendent holders,Ceiling rose (ISI marked)	Elleys/kany/CPL/Kolors/KBC-Konnet
22	Phase Indicators/ Illuminated flush head actuators	L&T/Seimens/Telemecanique/GE.
23	Power capacitors(AC duty)	L&T/Seimens/ABB/Sshneider
24	Fire Extinguisher(ISI marked)	Minimax/Safex/Bharath
25	Other items	As specified in the Schedule.

Contractor

Regional Manager

Declaration

I/We(Here enter the name&adress of the contractor)have personally verified the availability of the make of materials mentioned above with the local market and is convinced that they are available in the market .I agree to execute the work using the above mentioned makes only. I also assure that ,I will not request for any change in materials at a later time.

Signature ,Name and address of Contractor

Contractor

Kerala State Construction Corporation Ltd. Thiruvananthapuram

TENDER SCHEDULE

Name of work:-Electrification work for the Construction of Amenity Hall and Canteen Building in ITI Parassala

S I . N o	Qty	Specification	Unit	Rate		Amount
				In figures	In words	
1	16	N o s Supply and wiring points according to IS 732-1989 using rigid PVC ivory conduit of minimum size 20 mm conforming to IS 9537 part III 1983 and with suitable size specials conforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq mm PVC insulated stranded single core FR <i>copper conductor cable</i> 650V grade,including providing switch board main ,and continuous earthing with 1.5sqmm green coloured FR wire , required qty of copper earth socket, brass bolt and nut crimping etc complete with suitable size modular type metal switch boxes, <i>modular type front plates (white)</i> etc. up to and including 6 A modular typeROHS compliant SP switches and making good the surface of wall, colour washing etc. complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. Single control light point with 6A, 3 plate ceiling rose	E			
1 . 0 1	6	N o s Single control light point without ceiling rose	E			
1 . 0 2	4	N o s Single control ceiling fan point with 6 A, 3 plate ceiling rose & with socket size stepped electronic regulator.	E			
1 . 0 3	6	N o s Combined plug point with 6 A, 5 pin plug socket controlled by 6 A switch in the same switch board as that of light points.	E			
2	12	N o s Supply and installation of LED tube light fittings (Philips Endura high efficiency BN 108 C 20S CDL white or equivalent crompton make) complete with replacable driver unit housed in side the box type fitting with all accessories and lamps etc directly on wall with PVC round block neatly painted to suit the fitting with company made asymmetric bracket mounting accessories(AC108C MB A) and giving connection with 16/0.20mm 3 core copper conductor flex wire.	E			

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3	6	N	Supply and fixing angle / straight brass lined skirt type, bakelite batten holder without shade and giving connection etc as required	E			
4	6	N	Supply and fixing 200mm polished aluminium shade shades on the existing batten fittings as required	E			
5	6	N	Supply and providing 7 W LED Lamp in the existing fittings as required				
6	4	N	Supply and installation of suitable size MS rod type fan clamp as per IS 732 as required.	E			
7	4	N	Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required. - 1200 mm sweep - 5 star rated	E			
8	3	N	Charges for cutting holes suitable for accommodating exhaust fans of sizes up to 305 mm sweep including plastering, colour washing etc. as required.	E			
9	2	N	Supply, conveyance, installation, testing and commissioning of the following sizes of exhaust fans in the existing opening, fixing necessary bolt and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS. 225mm light duty exhaust fan in metal frame	E			
10	1	N	305 mm, single phase, heavy duty, 1400 rpm exhaust fan in metal frame	E			
11	80	M	Supply and fixing the following sizes of PVC Conduit conforming to IS 9537 / 1983 part III along with all required accessories on surface including making good the damages etc as required. - 20 mm dia light gauge	M			
12	20	M	Supply and drawing 650/1100 V grade PVC insulated stranded single core copper conductor cables conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections of the following sizes. 1.50 sq mm 3 run	M			
12	60	M	2.50 sq mm 3 run	M			

Contractor

1 3	2	N	Supply & Fixing the following types/ sizes of boxes suitable for modular accessories in surface/ recess including making good the damages, colour washing etc as required (ROHS) - 3 module metal box in recess				
1 3	1	N	8 module metal box in recess	E			
1 4	2	N	Supply & Fixing the following types/ sizes of front plates on the existing modular boxes. (RoHS) - 3 module white/ off-white	E			
1 4		N	2 module white/ off-white	E			
1 4	1	N	8 module white/ off-white	E			
1 5	2	N	Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (Group B) 6 A SP 1 way switch	E			
1 5	1	N	16 A SP 1 way switch	E			
1 5	3	N	6 A Universal socket	E			
1 5	2	N	6/16 A socket	E			
1 6	1	N	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of 4 way (8+12) - double cover TPN vertical DB with provision for fixing 4P MCB / Isolator/ RCCB/ RCBO as incomer and SP/ TP MCB as outgoing (IP 42/43) including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required - DP enclosure for independent mounting of MCB/ RCCB/ RCBO	E			
1 7	1	N	Supply and installation of the following accessories suitable for 50 Hz , AC supply conforming to IS 8828-1995/ IEC 60898 of the following current ratings in the existing enclosure and giving connections as required- 40 A, 10 kA, 4 pole MCB (C curve)				
1 7	8	N	6-32A 10KA, SP MCB(C curve)	E			
1 7	1	N	40 A, 10 kA, TP MCB (C curve)	E			
1 7	1	N	40 A, 4 pole, 100 mA RCCB	E			

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18	50	M	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as required. - 4 core 10 sq mm with factory made clamp	M			
19	30	M	Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade 4 core 10 sq mm in the existing RCC/ HUME / STONE WARE/ GI/ DWC pipe as required.	M			
20	30	M	<i>Supplying, laying and jointing</i> of 40 / 32 mm or nearest size double wall corrugated (<i>DWC</i>) pipes made out of HDPE conforming to IS 14930 Part II for mechanical protection to underground power cables with all required accessories in ground <i>in the existing trench</i>	M			
21	2	N	Supplying siemens / tropodur type nickel plated Double compression brass cable gland for PVC insulated and PVC sheathed armoured aluminium/ copper conductor cable 1.1 KV grade, and making end termination suitable for 2/ 3/ 3½/ 4 core cable of the following sizes as required.- 10 sq mm	E			
22	2	N	Supplying and providing <i>earth clamps</i> for siemens/ tropodur type cable glands of suitable length and other dimensions noted along with each size of glands for the following sizes of cables as required. - 4 sqmm-16 sq mm with 12 mm wide x 1 mm thick clip	E			
23	2	N	Supply and providing <i>plate earthing</i> as per IS 3043 with 600x600x6.30 mm GI/CI earth plate, 20 mm GI watering pipe fixed to the earth plate with 20 x 3 mm GI clamps, GI funnel with weld mesh, filling required quantity of charcoal including construction of inspection chamber with a bed concrete of 1:4:8 PCC using 40 mm broken stone (10 cm thick), brick work in cement mortar 1:6, plastering the surface of brick masonry and the exposed surface of PCC bed with cement mortar 1:4, 12 mm thick, (the finished inside dimension shall be 300 x 300 x 300 mm) but excluding test joint, earth continuity conductor to the plate, and covering at the top. (<i>in ordinary rock - soft laterite soil</i>)	E			
24	1	N	Supply and providing 300 x 300 x 6 mm cast iron gully trap with covering at the top of the inspection chamber of earth pit as required	E			
25	0.3	M	Supply and providing <i>test joint for the earthing system</i> using 2 x 25 x 3 mm GI strip including cutting and bending to shape, drilling necessary holes and fixed to the watering pipe etc as required.	M			

Contractor

26	5	M	Supply and providing <i>earth lead from the test joint to the earth electrode</i> using 25 x 3 mm GI including cutting, drilling necessary holes (in case of strip) and fixing firmly with plate test joint etc as required.	M			
27	20	M	Supply and drawing bare <i>earthing conductors</i> 4.00 mm copper conductor (8 SWG) <i>along with wiring/ cables</i> and giving connection as required.	M			
28	20	M	Supply and laying bare <i>earthing conductors</i> 4.00 mm copper conductor (8 SWG) <i>laid 0.6 m below ground level including excavating trench</i> of suitable size and refilling etc. as required (<i>in ordinary soil</i>).	M			
29	8	N	supply of superior quality <i>copper earth socket</i> for the following sizes of earth conductor including crimping etc. as required. - 4.00 mm (8 SWG)	E			
30	6	N	Supply and providing the following sizes of <i>bolt and nut</i> with washers on the existing MS box / earth bus etc. as required including drilling necessary holes as required 12 x 3 mm brass bolt & nut	E			
30	8	N	25 x 6 mm brass bolt & nut	E			
Total amount							

SIGNATURE OF THE CONTRACTOR

Name and Address of the Contractor:

REGIONAL MANAGER
THIRUVANANTHAPURAM

Contractor

APPENDIX

FORM OF AGREEMENT

Preliminary agreement entered into on thisday of Two thousand Seventeen between the Regional Manager, Kerala State Construction Corporation Ltd. Regional Office: Old PWD Store Compound, PMG, Vikas Bhavan P.O., Thiruvananthapuram-33 for and on behalf of the Governor of Kerala (hereinafter called "the KSCC Ltd.") of the one part and the Sri.....

.....
(H. E. full name and address of the contractor hereinafter called the contractor) of the other part of the execution of the work
.....
.....

WHEREAS the Government invited tenders for the work **Electrification work for the Construction of Amenity Hall and Canteen Building in ITI Parassala** (H.E. name of the work) by notification No. CC/RO/TVM/9/17 dt: 19.12.2017.

AND WHEREAS para 13 of the notice inviting tenders stated as follows:

Before commencing work or within a week after the date when the acceptance of the tender has been intimated to him, the tender shall deposit a sum sufficient to make to the balance of 5 per cent of the probable value of the contract which together with the amount of earnest money deposited shall be created as security for the proper fulfillment of the same and shall excess an agreement for the work in the CPWD Schedule for if he fails to do this or in the case of contract maintain a specification specified rate of progress (to be specified in each case the tender schedule) the earnest money and security deposit shall be forfeited to KSCC Ltd and fresh tender shall be called for or the matter otherwise disposed off. It as a result of such measure due to the default of the tenderer to pay the requisition deposit, sign contract or take possession of the work may loss to KSCC Ltd results the same will be recovered from his as arrears of revenue, but should be a saving to KSCC Ltd the original contractor shall have not claim whatever to the difference recoveries on this or any other account will be made from the sum that may be due to the contractor on this or any or other subsistence contracts or under the Revenue Recovery act or otherwise the KSCC Ltd. may decide.

Contractor

NOW THEREFORE THESE PRESENTS WITNESS AND IT IS MUTUALLY AGREED as follows:

1. The terms and conditions for the said contract having been stipulated in the said tender form to which the contractor has agreed a copy of which is hereto appended which forms part of this agreement, it is agreed that the terms and conditions stipulated therein shall bind the parties to this agreement except to extend 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 these of the said tender.
2. The contractor hereby agree and undertake to perform and fulfill all the operations and obligations connected with the execution of the said contract work viz. ***Electrification work for the Construction of Amenity Hall and Canteen Building in ITI Parassala*** (H.E. the name of the work) if awarded in favour of the contractor.
3. If the contractor does not come forward to execute the original agreement after the said work is awarded and selection notice issued in his favour of commits breach of any of the conditions of the contract as stipulated in clause of the notice inviting tenders are quoted above within the period stipulated them the KSCC Ltd may rearrange the work otherwise or get it done departmentally at the risk and cost to the contractor and the loss to sustained by the KSCC Ltd can be realized from the contract under the Revenue recovery Act as if arrears of land revenue as assessed, quantities and fixed by an adjudicating authority.
4. The contractor further agrees that any amount found due to the KSCC Ltd under or by virtue of those agreement shall be recoverable from the contractor from his EMD and his properties, movable and immovable, as arrears of land Revenue under the provisions of the Revenue Recovery Act for time being in force or in any other manner as the KSCC Ltd may deem fit in this regard.
5. The contractor further assures that it is clearly understood that the settlement of claims either by part bills or by final bills will be made only according to the availability of budget provision and allotment of funds made with the Divisional officer in charge of the work under the respective heads of account in which the work is sanctioned and arranged and also subject to the seniority of such bills. No claims for interest or for damages whatsoever shall be made for the belated settlement of claims of bills.

Witness thereof Sri.....(H.E. the name of the officer of the Department) for and on behalf of the Government and Sri..... have set their hands on the day and year first above written.

IN WITNESS WHEREOF(hereinafter the name of the officers of the department) for on behalf of the KSCC Ltd. and Sri. have set their hands on the day and year firm above written.

Signed by

REGIONAL MANAGER

- 1.
- 2.

Signed and delivery by.....

CONTRACTOR

- 1.
- 2.

CONTRACTOR

REGIONAL MANAGER