



Energy Management Centre - Kerala

Sreekrishna Nagar, Sreekariyam.P.O, Thiruvananthapuram,
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Tender no: EMC/PUR/15/T-52

Notice inviting tenders

Sealed tenders are invited from reputed contractors, for Minor Road works at the proposed Energy Management Institute cum Office building”, in the campus of Energy Management Centre, Sreekrishna Nagar, Sreekariyam. The documents can be downloaded from the EMC web site www.keralaenergy.gov.in from 29-09-2015, 13.00hrs to 05-10-2015, 12.00hrs. The cost of tender document shall be submitted as separate DD along with the submission of Bid. Bids without DD for tender cost will be treated incomplete tender and will not be considered for further evaluation.

Thiruvananthapuram

Director

29-09-2015

FORM OF TENDER

(To be submitted in Kerala State stamp paper worth Rs. 200/-)

From

To

DIRECTOR
Energy Management Centre – Kerala
Sreekrishna Nagar, Sreekaryam. P.O,
Thiruvananthapuram,
Kerala – 695 017

Sir,

Having examined the specifications and tender schedule, schedule of work and having acquired the requisite information relating to the tender in all respects, I/We _____ hereby offer to execute the work as specified in this tender at the rates mentioned in the schedule of work attached in accordance with the specifications, conditions of the tender, the articles of the agreements and such other materials as may be prescribed from time to time.

Should this tender for be accepted, I/We hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed hereto so far as they may be applicable or in default thereof to forfeit the E.M.D. and pay the Energy Management Centre – Kerala, the amount mentioned in the said conditions.

I/we have deposited a sum Rs./- (Rupeesonly) as EMD in the form of crossed demand draft in favour of the Director, Energy Management Centre – Kerala, payable at Thiruvananthapuram. Should I/we fail to execute the agreement when called upon to do so, or to commence work as provided in the conditions, I/we do hereby agree that the Energy Management Centre – Kerala shall without prejudice to any right or remedy be at liberty to forfeit the EMD absolutely and also recover from me /us the entire loss that may be caused to

Director, EMC

Contractor

the Energy Management Centre – Kerala by retender arrangement of the work otherwise, under the provisions of Revenue Recovery Act or otherwise.

I/we agree that arbitration shall not be a means of settlement of any dispute or claim arising out of this contract.

Signature of the tenderer

Full Name and address:

Details of EMD:

DD No _____ dt- _____ for Rs. _____ drawn on _____.

ENERGY MANAGEMENT CENTRE-KERALA (EMC)

SREEKARIYAM, THIRUVANANTHAPURAM - 695017

NOTICE INVITING TENDER

For Minor Road works at the proposed Energy Management Institute cum office building in Energy Management Centre Campus

Sealed tenders are invited from reputed manufacturers /authorised dealers/contractors having after sales support for "Minor Road works" as specified in the tender document.

Tender no: EMC/PUR/15/T-52 dated 29-09-2015.

Name of work: Minor Road Works

Scope of work: Minor Road works at the proposed Energy Management Institute cum office building

Location: Energy Management Centre, Sreekariyam, Thiruvananthapuram, Kerala.

Tender documents can be downloaded from EMC website www.keralaenergy.gov.in from 29-09-2015 at 13.00 hrs to 05-10-2015 at 12.00hrs.

Cost of tender document: Rs. 1000/- plus VAT @ 5 % to be paid as DD in favour of Director, EMC along with the submission of tender.

Last date and time of receipt of tender: 05-10-2015 at 15.00 hrs.

Probable Amount of Contract (PAC): Rs. 4,40,000/-

EMD: Rs. 11,000/- as DD in favour of - Director, Energy Management Centre, payable at Thiruvananthapuram

Period of supply: One calendar month from the date of Letter of Intent (LOI)

The Tenderer shall quote the rates including all taxes and duties, levies including freight, insurance during transit and delivery at site. But the successful tenderer shall produce proof of payment of all taxes and duties.

Also sales tax and income tax clearance certificate for the last 3 financial years shall be submitted along with the tender.

Prescribed Tender documents (non-transferable) can be purchased from the office of Director, EMC, against a written request to Director, EMC,

Further details and clarification if any can be had from The Director, Energy Management Centre (EMC), Thiruvananthapuram, website

Director, EMC

Contractor

www.keralaenergy.gov.in. Director, Energy Management Centre reserves the right to accept or reject any or all tenders without assigning any reasons what so ever.

Completed Tender documents shall be submitted to “The Director, Energy Management Centre, Sreekrishna Nagar, Sreekariyam, Thiruvananthapuram, Kerala, 695017 in a sealed cover superscribed “Tender for Minor Road works at the proposed Energy Management Institute cum office building” on or before ***3.00 pm, 05-10-2015*** and tender opening will be on: **05-10-2015, 4 pm.**

Thiruvananthapuram

29-09-2015

Director,

Energy Management Centre

Sreekrishna Nagar, Sreekariyam,

Thiruvananthapuram, Kerala, PIN-695017

SECTION -1 - INSTRUCTIONS AND GENERAL CONDITIONS

1. Submission of tender

Tender shall be submitted in sealed covers super scribing the name of the tender as Tender No. EMC/PUR/15/T- 52 - “Tender for Minor Road works” at the proposed Energy Management Institute cum office building” in the campus of Energy Management Centre - Kerala, Sreekrishna Nagar, Sreekariyam, Thiruvananthapuram (hereafter referred as EMC) and shall contain the following.

- (a) Complete set of Tender documents as issued by the EMC, together with addenda/corrigenda if any, filled in and signed by the tenderer, with address stamps/seals wherever stipulated.
- (b) Earnest money deposit of Rs. 11,000/- (Rupees Eleven Thousand only) in the form of crossed demand draft drawn in favour of The Director, Energy Management Centre, Thiruvananthapuram payable at Thiruvananthapuram.

The offer shall be valid for a period of 60 days from the date of opening of the tender. Tender not accompanied by Demand Drafts for Cost of tender and E.M.D. shall be rejected as non- responsive.

2. Acceptance / Rejection of tenders

The tenders submitted after the stipulated time of submission shall be rejected. The tenders not submitted in the prescribed forms, not duly signed at the places marked, incomplete/torn off tender forms etc. shall be rejected. The Director, Energy Management Centre, reserves the right to accept or reject any of the tenders without assigning any reasons thereof. Becoming the lowest offered party does not entitle a tender to award the work. Apart from cost, quality of work, durability, track record of the supplier etc. will also be considered for awarding the supply.

3. Place of work and time of completion.

The scope of the work covered by this tender is limited to Minor Road works at the proposed Energy Management Institute cum office building as per the specifications in BOQ and approved samples if any. The work include formation of a small stretch of approach road to the Energy Management Institute and also some rectification works of the existing tarred

road of suitable sizes as specified in the technical specifications/drawings or as directed with all labour, materials and accessories, if any as required for the work. EMC will only provide the location ready for the work. The successful tenderer shall submit a schedule for completion of work, showing the details, along with the agreement. Time of completion & quality of the works are the essences of this tender. The works covered by this tender shall be completed in all respects within 30 days from the date of award of the work. The tenderer is advised to visit the site before quoting for the work.

4. Guarantee period.

The works done vide this tender shall be guaranteed for a defect liability for a period of one year from the date of completion of the work. The item shall be guaranteed against usage of inferior quality of materials and poor workmanship. Any defects found during this period shall be rectified/replaced by the contractor free of charges to the EMC within a reasonable period of 10 days after written notice. If the contractor fails to do so, EMC shall have the liberty to arrange rectification at the risk & cost of the supplier, and adjusting the expenses from the security deposit for the work.

5. Agreement for the work.

Within 10 days of receipt of the letter of award, the bidder has to execute an agreement with EMC for the due fulfillment of the contract in the prescribed format, along with a security deposit of 5% of the contract value in the form of Demand Draft, in favour of the Director, Energy Management Centre, payable at Trivandrum or by way of Bank Guarantee from any Nationalized bank in the approved format. The EMD submitted by all the tenders will be released upon executing the agreement by the successful tenderer. The security deposit vide this clause will be released after successful compliance to the tender conditions, and on certification of the representative of EMC and/or Project consultant appointed by EMC for managing the project.

6. Withdrawals of the offer after it is accepted or failure to arrange the work within a specified time or according to specifications will entail cancellation of the order and work being made at the offers expenses from elsewhere, any loss incurred thereby being payable by the defaulting party. In such an event EMC reserve the right to remove the defaulter's name from the list of EMC's vendors list and to report to the Government for blacklisting the tenderer in Government works permanently or for a specified number of years.

7. The rates quoted shall be firm for a period of 60 days from the date of opening of the tender. Rates offered shall be inclusive of all taxes & duties in force. The quantities mentioned in the schedule of works are tentative, and payments will be made on actual quantities. No claim, whatsoever, will be entertained due to variation of quantities, or any other reasons. No representation for enhancement of price will be considered during the currency of the contract, or after the completion.

8. Any attempt on the part of tenderers or their agents to influence the officers concerned into their favour by personal canvassing will disqualify the tender.

9. Payment terms

- a. 95 % payment cost as per agreed rates shall be made on successful completion of the work, upon certification of the Engineer-in-charge.
- b. 5% payment shall be retained from the bill as part of the security deposit/retention money. The security deposit, along with the amount deposited at the time of executing the agreement will be released on successful completion of the guarantee period, after adjusting liabilities, if any, upon certification of the Engineer-in-charge.

10. Commercial.

Rates quoted shall be inclusive of all taxes, duties and Levis currently in force, and shall be firm during the course of the work. Escalation, on any ground, shall not be considered during the course of work or after the completion.

Extra items, if found essential during the course of work, shall be executed on mutually agreed rates.

Quantities mentioned in the schedule of works are approximate. The contractor shall effect the work as per actual site measurements and no claim for variation in rates shall be considered due to variation in quantities.

Measurement of the work shall be made as per Indian standards, upon acceptance of the work. No wastage will be considered in measurements. Rates offered shall be inclusive of provisions for wastage also.

Adequate security provisions shall be arranged by the contractor, and EMC shall not have any responsibilities for the safety of men and materials involved in the work during the course of the work. Power, water and amenities to labour shall be in the account of the contractor.

As part of tender scope, contractor shall adopt appropriate safety & security measures at site of works by means of implementing proper methodology and arrangements made by the contractor and such methodology is strictly complied by his site team until the completed works are taken over by the Employer

All the labourers working for the contractor shall be significantly insured against accidents at the work site

SECTION – 2 - TECHNICAL SPECIFICATION

1.0 SCOPE

The scope of work mainly involves the following.

1. Cutting/filling in natural soil embankment to form a new pavement for a length of approximately 15m. The different layers of a water bound macadam road is to be done in this work, with the final layer of pavement being made of concrete paver blocks.
2. Repairing and re-tarring (Premix Carpet And Seal Coat only) of the existing roads in the campus in a length of approximately 50m

SECTION -3 - SCHEDULE OF WORKS:

Name of work: Construction of Minor Road works

SPECIFICATION FOR WORK

Sl No	Description	Quantity	Unit	Rate	Amount
1.	Earth work cutting, leveling, etc., for road construction in all classes of soil and rolling with mechanical roller/ power road roller of 8 to 12 tonne capacity after excavating earth to an average of 45 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres	120	m ²		
2.	Providing and laying crushed stone base course consolidated thickness of 200mm in 2 layers of each 100mm thick using 1.32 Cum of 90 to 45 mm size hard broken granite metal, 0.28 Cum of 13.2mm size stone screening and 0.9 Cum of binding material for 10Sqm area of each lay including screening aggregates, mixing the graded aggregates as per mix design, adding water to achieve the required OMC, spreading the mix in uniform layer using motor grade over prepared surface in proper grade and chamber, compacting the layer to achieve the desired density, including lighting, grading, barricading, including cost of all materials, machinery, tools and plants complete including cost of quality control including spreading, rolling and consolidating by power roller complete.	23	m ³		
3.	Providing and laying Water bound Macadam Base course of 150mm compacted thickness in two layers of 75mm thick or else as specified on the proposed sub-base with using Coarse aggregate 12mm to 40mm size Laying, Spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening/ binding material to fill up interstices of coarse aggregate, watering and compacting to the required density	17	m ³		
4.	Providing and laying prime & tack coat over the base course/existing road with bituminous emulsion using mechanical sprayer including preparing the surface for laying the binder heating the binder applying at required rate etc complete.	300	m ²		

5.	Seal Coat And Premix Carpet Of 25mm Thick Providing & laying Seal Coat type "A" Using 0.09 Cum of 6.7 mm IRC Size HBG metal premixed with 9.8kgs of bitumen per 10m2 Over the layer of Premix carpet 20mm consolidated thickness using 0.18 Cum of 13.2mm IRC size HBG metal and 0.09 cum of 11.2 cum IRC size HBG metal premixed metal with 14.60 kgs of bitumen per 10m2 consolidated thickness of 25mm including cost of materials to work. Binding bitumen coat over the base coarse and heating the Bitumen, mixing materials using mini mix plant spreading the materials & metals to the specified lines, grades & C.S. & consolidated with power roller all labour charges & hire charges for tools plants etc., all complete	300	m ²		
6.	Supplying and laying precast concrete hydraulically pressed uniregular machine made interlocking paving blocks of approved design - 65 mm thick (To give a compressive strength of not less than 50 N/Sqm or 500 Kg/Sqm) transportation of the blocks to the site preparation of surface including supplying and filling with dry river sand/6mm graded aggregate to 50 mm thick, levelling and compacting with plate vibrator and laying of the inter locking paving blocks with sand binding and final compaction with plate vibrator of 3 tonne capacity finishing the surface including cutting of blocks at the edges including all labour and materials etc complete, as directed.				
	a. Using department supplied paver blocks	30	m ²		
	b. Using contractor supplied paver blocks	70	m ²		
	Total: Rs:				

Undertaking:

I/we hereby agree to execute the above works at the quoted rates, in accordance with the terms and conditions of the tender. Should I/we fail to execute the agreement, or execute the work after the work is awarded, I/we have no objection in EMC forfeiting the EMD remitted for the work by me/us.

Place:

Signature:

Date:

Name & address of the tenderer:

Director, EMC

Contractor