



सी.एस.आई.आर.-संरचनात्मक अभियांत्रिकी अनुसंधान केन्द्र
CSIR-STRUCTURAL ENGINEERING RESEARCH CENTRE
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद Council of Scientific and Industrial Research)
सीएसआईआर परिसर CSIR Campus, सीएसआईआर सड़क, तरमणि Taramani, चेन्नै Chennai-600 113.

No.622(127)/2024-2025/CW/EW/SE

दि. Dated: 27.01.2025

निविदा आमंत्रण सूचना NOTICE INVITING e-TENDER (TWO BID SYSTEM)

- 1) ऑनलाइन ITEM RATE E-TENDERS को CPWD, रेलवे, MES, पोस्ट और टेलीग्राफ विभाग, PSU, CSIR और अर्ध सरकारी संगठनों के उपयुक्त वर्ग के ठेकेदारों से निम्नलिखित कार्यों के लिए आमंत्रित किया गया है और जिनके पास है 40% की सीमा पर निविदा (ECPT) में अनुमानित लागत (सिविल वर्क कम से कम तीन में काम करता है) में सिविल और इलेक्ट्रिकल काम करता है। ECPT से कम नहीं और 80% (ECPT से कम नहीं का एक काम) (सभी राशियों को एक सुविधाजनक आंकड़े के लिए राउंड ऑफ) पिछले 7 (सात) वर्षों के दौरान पूरा हुआ जो इस नोटिस के लिए पिछले महीने के अंतिम दिन समाप्त हुआ है जिसके लिए निविदाएं आमंत्रित हैं।

विद्युत कार्यों के संबंध में, जिनके लिए सिविल ठेकेदार के पास विद्युत कार्यों का अनुभव नहीं है, उन्हें एक सहमति पत्र और एसोसिएट ठेकेदार से अनुभव प्रमाण पत्र संलग्न करना होगा, जो उनके द्वारा शासित संगठनों में उनके द्वारा निष्पादित विद्युत कार्यों में पिछला अनुभव हो। 40% की सीमा पर टेंडर (ECPT) के लिए अनुमानित लागत (तीन काम ECPT से कम नहीं), 60% (ECPT से कम नहीं दो कार्य) और 80% (ECPT से कम नहीं का एक काम)) (सभी सुविधाजनक राशियों के लिए राउंड ऑफ) पिछले 7 (सात) वर्षों के दौरान पूरा हुआ जो इस नोटिस के पहले महीने के अंतिम दिन समाप्त होता है, जिसके लिए निविदाओं को शपथ पत्र (एमओयू) के साथ उपयुक्त वर्ग के वैध विद्युत लाइसेंस के साथ आमंत्रित किया जाता है। ई-टेंडर में अपलोड किया जाना चाहिए। इन शर्तों को पूरा करने के लिए निविदाकारों को प्रमाण प्रस्तुत करने की आवश्यकता होती है और सरकार के माध्यम से ई-निविदा दस्तावेज जमा करते समय आयकर पैन कार्ड, जीएसटी पंजीकरण संख्या (जैसा कि अनिवार्य है) की एक प्रति प्रस्तुत करना आवश्यक है। ई-प्रोक्योरमेंट पोर्टल।

- 2) Online ITEM RATE E-TENDERS are invited on composite tender basis for the following works from the Contractors of appropriate class of CPWD, Railways, MES, Post & Telegraph Departments, PSUs, CSIR and Semi Government Organisations and/or from those **who have carried out Civil and Electrical works on composite tender basis** having experience in **Civil works** amounting to the Estimate Cost put to Tender (ECPT) at the range of 40% (Three works each of not less than ECPT), 60% (Two works each of not less than ECPT) and 80% (one work of not less than ECPT) (all amounts rounded off to a convenient figure) completed during last 7 (seven) years ending on the last day of the month previous to this notice for which the tenders are invited.

With regard to **Electrical works** for which the civil contractor does not have experience in Electrical works have to attach a consent letter and the experience certificate from the Associate contractor to be engaged by them who are having previous experience in **Electrical works executed by them in Government organisations** for the Estimate Cost put to Tender (ECPT) at the range of 40% (Three works each of not less than ECPT), 60% (Two works each of not less than ECPT) and 80% (one work of not less than ECPT) (all amounts rounded off to a convenient figure) completed during last 7 (seven) years ending on the last day of the month previous to this notice for which the tenders are invited with **valid Electrical Licence of appropriate class** along with **Affidavit (MOU)** should be uploaded in the e-tender. The tenderers are required to produce proof of fulfilling these conditions and also required to submit a copy of **Income Tax PAN Card, GST Registration Number** (as these are mandatory) while submitting e-tender documents through Govt. e-procurement portal.

क्र. सं. Sl. No.	विवरण Description of work.	अनुमानित रकम Estimated Cost (लाखों में) Approx. (₹)	ई.एम.डी. रकम EMD Amount ₹.	पूरा करने की तिथि Time of Completion
1	Renovation of Essential staff accommodation Type III & IV quarters (both Civil & Electrical works) in TTRS, Thirusulam, Chennai – 600 043. (i) Civil works – Rs 42,78,300.00 (ii) Electrical works – Rs. 8,80,000.00	51,58,300.00	1,03,170.00	8 (Eight) Months
	Total	51,58,300.00	1,03,170.00	

Date and time of publishing : 27.01.2025 02.00 p.m.
 Bid document download start date and time : 27.01.2025 03.00 p.m.
 Bid submission end date and time : 08.02.2025 6.00 p.m.
 Bid opening date and time : 10.02.2025 11.00 a.m.

Note: e-tender I.D.No.2025_CSIR_224941_1 dated 27.01.2025

The Tenderers should visit and inspect the site before submitting the technical bid for participation.

Tenders without Earnest Money Deposit will be invalid and also submit the proof of documents as mentioned in check list, failing which their offer shall be rejected.

Requested to Submit Technical Bid only, No price bid to be attached in pdf format along with Technical bid.

e-tender bid acknowledgement should be handed over to Engineering works and Services Section, CSIR-SERC, on or before opening date and time of the NIT.

निविदाकेबारेमेंविवरणकेलिएनिम्नलिखितवेबसाइटदेखें। The web sites may be visited for details of NIT:

etenders.gov.in / www.serc.res.in

Sd/-
Sr. Technical Officer (Civil)



CSIR-STRUCTURAL ENGINEERING RESEARCH CENTRE
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CSIR Campus, CSIR Road, Taramani, Chennai – 600 113.

ATTACHMENT FOR NOTICE INVITING e- TENDERS (TWO BID SYSTEM)

1. Online ITEM RATE E-TENDERS are invited on composite tender basis for the following works from the Contractors of appropriate class of CPWD, Railways, MES, Post & Telegraph Departments, PSUs, CSIR and Semi Government Organisations and/or from those **who have carried out Civil and Electrical works on composite tender basis** having experience in **Civil works** amounting to the Estimate Cost put to Tender (ECPT) at the range of 40% (Three works each of not less than ECPT), 60% (Two works each of not less than ECPT) and 80% (one work of not less than ECPT) (all amounts rounded off to a convenient figure) completed during last 7 (seven) years ending on the last day of the month previous to this notice for which the tenders are invited.

With regard to **Electrical works** for which the civil contractor does not have experience in Electrical works have to attach a consent letter and the experience certificate from the Associate contractor to be engaged by them who are having previous experience in **Electrical works executed by them in Government organisations** for the Estimate cost **(for Electrical part)** for the Estimate Cost put to Tender (ECPT) at the range of 40% (Three works each of not less than ECPT), 60% (Two works each of not less than ECPT) and 80% (one work of not less than ECPT) (all amounts rounded off to a convenient figure) completed during last 7 (seven) years ending on the last day of the month previous to this notice for which the tenders are invited with **valid Electrical Licence of appropriate class** along with **Affidavit (MOU)** should be uploaded in the e-tender. with **Valid Electrical Licence of appropriate class** along with **Affidavit (MOU)** should be uploaded in the e-tender. The tenderers are required to produce proof of fulfilling these conditions and also required to submit a copy of **Income Tax PAN Card, GST Registration Number** (as these are mandatory) while submitting e-tender documents through Govt. e-procurement portal.

2.

क्र सं. Sl. No.	विवरण Description of work.	अनुमानित रकम Estimated Cost (लाखों में) Approx. (₹)	ई.एम.डी. रकम EMD Amount ₹.	पूरा करने की तिथि Time of Completion
1	Renovation of Essential staff accommodation Type III & IV quarters (both Civil & Electrical works) in TTRS, Thirusulam, Chennai – 600 043. i) Civil works – Rs 42,78,300.00 ii) Electrical works – Rs. 8,80,000.00	51,58,300.00	1,03,170.00	8 (Eight) Months
	Total	51,58,300.00	1,03,170.00	

3. Time for carrying out the work will be 8 (Eight) months, and the date of commencement shall be reckoned from the tenth day of issue of award letter.

4. A copy of the tender bid submission acknowledgement should be submitted to Engineering Works & Services Section through a person or by post, before the date and time fixed for opening the tender. CSIR-SERC will not be responsible for postal delay in any manner. A copy of all documents, submitted online, should be kept (as hard copy) in own custody for reference. **Tenders without Earnest Money Deposit will be invalid. Failing which their offer shall be rejected.**
5. The tenderer is to indicate the name and telephone number of issuing agency of the Completion certificate to enable General Technical Evaluation Committee to verify the documents if necessary.
6. In case credentials submitted found to be false/ forged / incomplete / doubtful credential/the offer shall be rejected straightway and shall not be taken for evaluation / comparison purpose. No further clarification will be sought from the tenderers.
7. In case of discrepancy in English and Hindi version, English version prevails.
8. LIST OF DOCUMENTS /CREDENTIAL (.pdf format only) SCANNED AND UPLOADED IN e-TENDERING.
 - i) Cost of EMD in a approve mode as per tender documents.
 - ii) Certificate of work experience/performance certificate: List of similar works completed in last seven years including a) agency from whom executed, b) execution value of work and c) stipulated and actual time of completion.
 - iii) Certificate of Registration GST No as applicable.
 - iv) PAN registration / Income Tax return
 - v) **Tender Acceptance / Undertaking letter** for having gone through the tender documents as per technical bid.
 - vi) With regard to Electrical works for which the civil contractor does not have experience in Electrical works have to attach a consent letter and the experience certificate from the Associate contractor to be engaged by them who are having previous experience in **Electrical works executed by them in Government organisations** for the Estimate cost **(for Electrical part)** put to Tender (ECPT) for the Estimate Cost put to Tender (ECPT) at the range of 40% (Three works each of not less than ECPT), 60% (Two works each of not less than ECPT) and 80% (one work of not less than ECPT) (all amounts rounded off to a convenient figure) completed during last 7 (seven) years ending on the last day of the month previous to this notice for which the tenders are invited with with **Valid Electrical Licence of appropriate class** along with **Affidavit (MOU)** should be uploaded in the e-tender.
9. The Employer does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
10. Canvassing in connection with the tender is prohibited and the tender submitted by the contractor who resort to canvassing are liable for rejection.

11. The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative is posted in the grade between Controller of Administration and Junior Engineer, (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who relatives are as mentioned above.

Note: a person shall be deemed to be a relative of another if, and only if,
(a) they are members of a Hindu undivided family; or (b) they are husband and wife; or (c) the one is related to the other in the following manner: Father / Mother (including stepmother). Son (including step son), Son's Wife. Daughter (including Step Daughter), Father, Son's Son, Son's Son's Wife, Son's, Son's Daughter's Husband, Daughter's husband, Daughter's Son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.
12. Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work; validity beyond 90 days from the date of opening shall be by mutual consent.
13. The tenderer shall quote rates both in Figures and Words. He shall also workout the amount for each item of work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him the following procedure shall be followed.
 - i) When there is difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the tenderer shall be taken as correct.
 - ii) When the amount of an item is not worked out by the tenderer or it does not correspond with rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.
 - iii) When the rate quoted by the tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
14. The Tenderer should see drawings and in case of doubt obtain required particulars, which may in any way influence his tender from the Engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.
15. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, installations of tools and plants (T&P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the employer in any circumstances.
16. **Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.**
17. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. Tenderers who are desirous to offer rebate, the same should be brought separately in the covering letter and submitted along with the tender.

18. Some of the provisions of General Conditions of Contract are given below. Interpretation however shall be as given in the General Conditions of Contract.
- a) **DEFECTS LIABILITY PERIOD:** Twelve months from the date of completion as certified by the Employer.
- b) **MINIMUM VALUE OF WORK FOR THE INTERMEDIATE CERTIFICATE:**

क्र. सं. Sl. No.	विवरण Description of work.	Minimum of Estimated Cost (₹). Approx.
1	Renovation of Essential staff accommodation Type III & IV quarters (both Civil & Electrical works) in TTRS, Thirusulam, Chennai – 600 043.	6,44,790.00
	Total	6,44,790.00

Intermediate certificate for lesser amount can be admitted for payment at the discretion of the Engineer-in-charge.

- c) **SECURITY DEPOSIT:** A sum @ 5% of the gross amount of the bill shall be deducted from each running bill of the contractor, This is in addition to the **Performance Guarantee** that the contractor shall be required to deposit an amount equal to **5%** of the tendered and accepted value of the work (without limit) as in the form of BC/DD/ PO, Bank Guarantee or Fixed Deposit Receipt of a Scheduled bank, with in the prescribed period of ten days for commencement of the work as per award letter issued to him.
- d) **COMPENSATION:** Contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Employer (whose decision in writing shall be final) may decide on the cost of the whole work as shown in the agreement, for every week that the work remains uncommenced or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten percent of the estimated cost of the work as shown in the agreement.
19. Computerised Measurement books should be submitted by the contractor along with the bills claimed for making payment.

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ABSTRACT OF COST

Sl. No.	Description	Estimated Cost (₹). Approx.
1.	Renovation of Essential staff accommodation Type III & IV quarters (both Civil & Electrical works) in TTRS, Thirusulam, Chennai – 600 043.	51,58,300.00

(Rupees Fifty one lakhs Fifty eight thousand and three hundred only).

NOTE

- i. IT at 2 % of bill value will be recovered from the bill.
- ii. Labour Welfare Cess at 1% of bill value will be recovered from the bills and remitted to the concerned authorities by the department.
- iii. The rate is inclusive of GST. TDS on CGST & SGST will be deducted at 1% each against the work done value.
- iv. Water charges at 1% of bill value will be recovered from the bills for usage of water through pipe lines at site supplied by the department.
- v. Electricity charges will be recovered from the bill as per energy meter consumption actuals at site.
- vi. CPWD specifications will be applicable for the work. Where the specification in the schedule of quantities differ from the CPWD specification, the description given in the schedule of quantities Shall be applicable.
- vii. Contractors shall not execute any extra items unless approved by the Director. No payment for any extra items will be made if executed without prior approval.
- viii. The Contractor should examine the specifications and Tender their rates. The rates given in the schedule of quantities will be deemed to include the satisfactory completion of the work. He should also examine the site conditions, for excavation etc., before tendering for the work.
- ix. If there is any difference in rates for two similar items, the lowest will be applicable.
- x. For the purpose of lowest tenderer the grand total will only be considered as single contract.



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APPENDIX	
Name of Works	Renovation of Essential staff accommodation Type III & IV quarters (both Civil & Electrical works) in TTRS, Thirusulam, Chennai – 600 043.
Defect liability period	12 (Twelve) months from the date of Virtual completion.
Time of Completion	8 (Eight) months from the date of commencement of the work.
Minimum value of work for interim Certificate	a) ₹ 6,44,790/- (Rupees Six lakhs forty four thousand seven hundred and ninety only) Intermediate certificate for lesser amount can be admitted for payment at the discretion of the Engineer-in-charge.
Liquidated damages for insufficient progress of work	1% of the total cost of the work per week but not exceeding 10% of the total cost of work.
Liquidated damages for non-completion work in time.	1% of the total cost of the work per week but not exceeding 10% of the total cost of work.
<u>Security Deposit</u>	
Earnest Money	: ₹ 1,03,170/- (Rupees One lakh three thousand one hundred and seventy only)
Subsequent retention	: A sum @ 5% of the gross amount of the bill shall be deducted from each running bill of the contractor, This is in addition to the Performance Guarantee that the contractor shall be required to deposit an amount equal to 5% of the tendered and accepted value of the work (without limit) as in the form of BC/DD/PO, Bank Guarantee or Fixed Deposit Receipt of a scheduled bank, with in the prescribed period of ten days for commencement of the work as for award letter issued to him.
Period of submitting final bill by the contractor	One Month from the date of virtual completion.
Materials to be issued	----- Nil -----



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ADDITIONAL CONDITIONS FOR CEMENT

1. The contractor shall procure 33 grade (confirming to relevant IS 269) or 43 grade (Confirming to IS:8112) 53 grade (IS2269) ordinary Portland cement, as required in the work, from reputed manufacturers of cement, having a production-capacity of one million tones per annum or more, such as ACC, L & T, J.P. Rewa, Vikram, Shri Cement, Birla Jute and Cement Corporation of India Etc., as approved by Engineer-in-charge. Supply of cement shall be taken in 50 kg.Bags bearing manufacturer's name and ISI making, samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provisions of relevant BIS codes. In case test results indicate that the cement arranged by the contractor does not confirm to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the Contractor at his own cost within a week's time of written order from the Engineer-in-charge to do so.
2. The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer-in-charge.
3. The cement godown of the capacity to stores a minimum of 2000 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made. Double lock provisions shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-charge or his authorized representative and the key of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-charge at any time.
4. The contractor shall supply free of charge the cement required for testing. The cost of tests shall be borne by the contractor.
5. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in Clause 6 of the contract. The theoretical consumption of cement shall be governed by the conditions laid therein.
6. Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.



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ADDITIONAL CONDITIONS FOR STEEL

1. The contractor shall procure steel reinforcement bars confirming to relevant BIS codes from main producers as approved by the Ministry of Steel. The contractor shall have to obtain and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work. Samples shall also be taken and got tested by the Engineer-in-charge as per provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not confirm to BIS codes, the same shall stand rejected and shall be removed from the site of work by the contractor at his cost within a week's time from written orders from the Engineer-in-charge to do so.
2. The steel reinforcement shall be brought to the site in bulk supply of 10 tonnes or more as decided by the Engineer-in-charge.
3. The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent distortion and corrosion and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.
4. For checking nominal mass, tensile strength, bend test, re-bend test etc., specimen of sufficient length shall be cut from each size of the bar at random at frequency not less than that specified below:

Size of Bars	For consignment below 100 tonnes	For consignment over 100 tonnes
Under 10 mm dia.	One sample for each 25 tonnes or part thereof.	One sample for each 40 tonnes or part thereof.
10 mm to 16 mm dia.	One sample for each 35 tonnes or part thereof.	One sample for each 45 tonnes or part thereof.
Over 16 mm dia.	One sample for each 45 tonnes or part thereof.	One sample for each 50 tonnes or part thereof.

5. The contractor shall supply free of charge the steel required for testing. The cost of tests shall be borne by the contractor.
6. The actual issue and consumption of steel on work shall be regulated and proper Accounts maintained as provided in Clause 6 of the contract. The theoretical consumption of steel shall be worked out as per procedure in clause 6 of the contract and shall be governed by conditions laid therein.
7. Steel brought to site and steel remaining unused shall be not be removed from site without the written permission of the Engineer-in-charge.