



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.50(46)/2022-2023/CW/SE/TTRS

दि. Dated: 09.11.2022

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

सीपीडब्ल्यूडी, रेलवे, एमईएस, डाक और टेलीग्राफ विभागों, सार्वजनिक उपक्रमों और/या सीएसआईआर और अर्ध के लिए सिविल कार्य करने वालों के उपयुक्त वर्ग के ठेकेदारों से निम्नलिखित कार्यों के लिए समय निविदा आधार पर ऑनलाइन आइटम दर ई-निविदाएं आमंत्रित की जाती हैं। सरकारी संगठन, सिविल कार्यों में अनुभव रखने वाले, अनुमानित लागत पुट टू टेंडर (ईसीपीटी) की राशि 40% की सीमा पर (तीन कार्य प्रत्येक ईसीपीटी से कम नहीं), 60% (ईसीपीटी से कम नहीं प्रत्येक के दो कार्य) और इस नोटिस के पिछले महीने के अंतिम दिन को समाप्त होने वाले पिछले 7 वर्षों में, जिसके लिए निविदाएं आमंत्रित की जाती हैं, क्रमशः 80% (ईसीपीटी से कम नहीं का एक कार्य), सभी राशि को सुविधाजनक संख्या में पूर्णांकित किया जाता है। निविदाकर्ताओं को इन शर्तों को पूरा करने का प्रमाण प्रस्तुत करना आवश्यक है और निविदा दस्तावेजों को जारी करने का अनुरोध करते समय आयकर पैन कार्ड, जीएसटी पंजीकरण संख्या की एक प्रति भी जमा करना आवश्यक है। सरकारी ई-प्रोक्योरमेंट पोर्टल के माध्यम से ई-निविदा दस्तावेज जमा करते समय अपलोड किया जाना चाहिए। Online ITEM RATE E-TENDERS are invited on tender basis for the following works from the Contractors of appropriate class of CPWD, Railways, MES, Post & Telegraph Departments, PSUs and/or from those who have carried out Civil works for CSIR and Semi Government Organisations, having experience in **Civil works**, amounting to the Estimated 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) respectively, all amount rounded off to a convenient figure, in the **last 7 years** ending on the last day of the month previous to this notice for which the Tenders are invited. **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.	Special Repairs for soil stabilization of sloped portion in Transverse RAM Station crest structure including, Supply Drilling, Installation and Grouting of rock anchors and sprayed concrete works for TTRS, CSIR-SERC, Thirusulam, Chennai – 600 043.	94,47,100/-	1,88,942.00	5 (Five) Months

Date and time of publishing	:	09.11.2022	05.00 p.m.
Bid document download start date and time	:	09.11.2022	06.00 p.m.
Bid submission end date and time	:	19.11.2022	06.00 p.m.
Bid opening date and time	:	21.11.2022	11.00 a.m.

Note: e-tender I.D.No. 2022_CSIR_134953_1 dated : 09.11.2022.

The Tenderers should visit and inspect the site in hill slopes of TRS at TTRS, Thirusulam, before submitting the technical bid for participation.

Tenders without Earnest Money Deposit will be invalid. 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.

EMD should submitted in the form of Demand Drafts or pay order of a scheduled bank in favour of CSIR-SERC, payable at **Chennai** and should be handed over to Engineering Works & Services Section along with e-tender acknowledgement form, 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.Superintending Engineer (Civil)



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

1. Online ITEM RATE E-TENDERS are invited on tender basis for the following works from the Contractors of appropriate class of CPWD, Railways, MES, Post & Telegraph Departments, PSUs and/or from those who have carried out civil works for CSIR and Semi Government Organisations, having experience in **Civil works**, amounting to the Estimated 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) respectively, all amount rounded off to a convenient figure, in the last 7 years ending on the last day of the month previous to this notice for which the Tenders are invited. **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	Special Repairs for soil stabilization of sloped portion in Transverse RAM Station crest structure including, Supply Drilling, Installation and Grouting of rock anchors and sprayed concrete works for TTRS, CSIR-SERC, Thirusulam, Chennai – 600 043.	94,47,100/-	1,88,942.00	5 (Five) Months

3. Time for carrying out the work will be 5 (Five) months, and the date of commencement shall be reckoned from the tenth day of issue of award letter.
4. **The Tenderers should visit and inspect the site in hill slopes of TRS at TTRS, Thirusulam, before submitting the technical bid for participation.**
5. 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.**
6. 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.
7. 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.
8. In case of discrepancy in English and Hindi version, English version prevails.

9. 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 civil 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) **Undertaking for having gone through the tender documents as per technical bid.**

10. 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.

11. Canvassing in connection with the tender is prohibited and the tender submitted by the contractor who resort to canvassing are liable for rejection.

12. 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.

13. 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.

14. 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.
15. 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.
16. 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.
17. **Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.**
18. 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.
19. 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:**

Sl. No.	Description	Minimum of Estimated cost Approx. (₹)
1.	Special Repairs for soil stabilization of sloped portion in Transverse RAM Station crest structure including, Supply Drilling, Installation and Grouting of rock anchors and sprayed concrete works for TTRS, CSIR-SERC, Thirusulam, Chennai – 600 043.	18,89,420.00

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

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 **3%** 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.
- 20) 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.	Special Repairs for soil stabilization of sloped portion in Transverse RAM Station crest structure including, Supply Drilling, Installation and Grouting of rock anchors and sprayed concrete works for TTRS, CSIR-SERC, Thirusulam, Chennai – 600 043.	94,47,100/-

(Rupees Ninety Four Lakhs Forty seven thousand and one hundred only).

NOTE

- i. IT at 2 % of taxable value will be recovered from the bill.
- ii. Labour Welfare Cess at 2% 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 taxable 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	Special Repairs for soil stabilization of sloped portion in Transverse RAM Station crest structure including, Supply Drilling, Installation and Grouting of rock anchors and sprayed concrete works for TTRS, CSIR-SERC, Thirusulam, Chennai – 600 043.
Defect liability period	12 (Twelve) months from the date of Virtual completion.
Time of Completion	5 (Five) months from the date of commencement of the work.
Minimum value of work for interim Certificate	a) Rs. 18,89,420/- (Rupees Eighteen lakhs Eighty nine thousand Four hundred and Twenty 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 : ₹1,88,942/- (Rupees One Lakh Eighty eight thousand Nine hundred and forty two 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 3% 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.	
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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दि. Dated: 09.11.2022

Check List for uploading tender documents

(to be uploaded duly filled-in along with scanned copy of documents)

<u>Sl.No:</u>	<u>Description</u>	<u>Check List</u> <u>Pls Tick (Yes or No)</u>
1	Copy of DD for Earnest money deposit	Enclosed : Yes/No
2	Enlistment / Registration Certificate of Appropriate Class	Enclosed : Yes/No
3	Work Experience / Performance Certificate during last seven years for both Civil & Electrical	Enclosed : Yes/No
(a)	One similar works of value more than or equivalent to 80% of estimated cost, during last seven years	Enclosed : Yes/No
(b)	Two similar works of value more than or equivalent to 60% of estimated cost, during last seven years	Enclosed : Yes/No
(c)	Three similar works of value more than or equivalent to 40% of estimated cost, during last seven years	Enclosed : Yes/No
4	PAN CARD	Enclosed : Yes/No
5	Certificate of GST Registration	Enclosed : Yes/No
6	Income tax returns for last 3 years	Enclosed : Yes/No
7	Valid Electrical License and Electrical Experience certificate from associated electrical contractor wherever necessary.	Enclosed : Yes/No

Name and address of the contractor

Signature of the contractor with date



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CONTENTS SHEET

No. 50(46)/2022-2023/CW/SE/TTRS

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Name of work	Special Repairs for soil stabilization of sloped portion in Transverse RAM Station crest structure including, Supply Drilling, Installation and Grouting of rock anchors and sprayed concrete works for TTRS, CSIR-SERC, Thirusulam, Chennai – 600 043.
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Sl.No.	Description	Page No.
1.	Notice Inviting Tender with attachment	4 Pages
2.	Abstract of Cost	1 Page
3.	Appendix	1 Page
4.	Conditions of contract for works	37 Pages
5.	Check list for uploading tender documents	1 Page
6.	Schedule of Quantities	2 Pages

The Tenderer has confirmed that he has received all the above documents and that he has quoted the rates after satisfying the requirements as covered in the terms and conditions of the tender document.

Signature of the Tenderer :

Name and Address :

Date :

Note: The Tenderers should visit and inspect the site in hill slopes of TRS at TTRS, Thirusulam, before submitting the technical bid for participation.