

Government of India
Department of Atomic Energy
Indira Gandhi Centre for Atomic Research
CIVIL ENGINEERING GROUP

NOTICE INVITING e-TENDER

e-tenders in TWO parts are invited on behalf of the President of India by the Chief Engineer, CEG, Kalpakkam 603 102, Kancheepuram District, Tamilnadu from reputed and experienced Civil Engineering Contractors or who are on the approved list of the appropriate class of Central Public Works Department, State Public Works Department, Railways, Military Engineers Services with proven technical and financial capabilities, possessing the required construction equipments and who have executed similar work (#) Three each similar completed works costing not less than the amount equal to 40% of the estimated cost put to tender, [or] Two each similar completed works, costing not less than the amount equal to 60% of the estimated cost put to tender [or] One similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost during past seven years ending last day of the month previous to the one which applications are invited. The works completed upto previous day of last date of submission of tenders shall also be considered.

Note: 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 submission of tender.

NIT No.: CEG/IGC/1425/2018

Name of work	Construction of RCC electrical utility duct, storm water drain, rain water harvesting system and other miscellaneous works in Plot-A DAE Nodal Centre, Chennai.
Estimated Cost	₹165.17 Lakhs
Time Allowed	8 [Eight] Months
Earnest Money Deposit	₹3,30,400/- In the form of Deposit at Call receipt or Demand Draft/Bankers Cheque drawn in favour of PAY AND ACCOUNTS OFFICER, IGCAR, Kalpakkam payable at Kalpakkam.
Security Deposit	2.5% of tendered value
Performance Guarantee	5% of tendered value
Cost of Tender Document (This amount is not refundable)	₹ 1,050/- in form of Demand Draft / Bankers Cheque / Pay order drawn in favour of PAY AND ACCOUNTS OFFICER, IGCAR, Kalpakkam 603 102 payable at Kalpakkam.
Tender processing fee	₹ 5900/- by e-payment through electronic mode only accepted. Further details please see www.tenderwizard.com/DAE .
Dates of availability of Tender Documents for view and download	From 03-07-2018 (10:00 Hours) to 13-07-2018 (15:00 Hours) on website www.tenderwizard.com/DAE .
Please note that the tender will be available for download between the dates as prescribed above. Agencies interested in participating must register in the webportal and pay the prescribed registration charges as per requirements, should pay tender processing fee online, Tender cost in DD for the prescribed amount all within the dates prescribed above. <u>Only agencies who have registered in the above mentioned webportal can participate in e-tender.</u> Detailed NIT is also available on website www.igcar.gov.in for view only.	

Free viewing of Tender Documents in PDF format.	Click " TENDERS OF DAE " on Home page of Website www.tenderwizard.com/DAE . If interested in participating in the tender, download Technical & Financial Bids in Excel Format as under.
Purchase of tender Documents in Excel Format for participation in tendering.	Login in the Home page of the website www.tenderwizard.com/DAE with your User ID / Password & Class III Digital Signature Certificate. Click on " UNAPPLIED " button; then Click on " REQUEST " icon (blue colour); Enter TENDER FEE DD Details. Pay TENDERPROCESSING FEE online. Click on " SUBMIT " button. Now click on " INPROGRESS " button. In status column you will find the tender is RECEIVED . You will be able to download required Tender Documents by clicking " EDIT ATTACHMENT " icon for any number of times till last date of submission. Please refer Help Manual for submission of Tender / contact Help Desk at daehelpdesk@gmail.com for any queries.
Last date for submission of Original DD/BC/PO etc. towards Tender document Fee & EMD.	On or before 18-07-2018 (15:00 Hours) either at Liaison office (TCPAS) at Shastri Bhavan, Chennai whose address is Head , TCPAS, TC & QCD, 6 th Floor, Shastri Bhavan, No:26, Haddows road, Nungambakkam, Chennai – 600 006. (OR) at Office of Chief Engineer , Civil Engineering Group, IGCAR, Kalpakkam – 603102. The tenderer shall be required to place the Earnest Money and the tender fee in separate sealed envelopes marked ' Earnest Money ' and ' Tender fee ' respectively and both these envelopes shall then be placed in another sealed envelope and submitted. If the tenderers fail to submit original DD/BC/PO etc, within the prescribed period as mentioned above those tenders will be summarily rejected.
Last date and time of closing of online submission of tenders:	18-07-2018 (14:30 Hours)
Date and time of online opening of Technical Bid	24-07-2018 (15:00 Hours) at Office of Chief Engineer, CEG , IGCAR, Kalpakkam Only.
Date of verification of credentials for e-Tendering mode	25-07-2018 to 31-07-2018 (Except 28.07.2018 & 29.07.2018). Note: Original documents substantiating the eligibility criteria all mentioned should be produced for verification during evaluation process. If the tenderers fail to submit original credential for verification, within the prescribed period as mentioned above those tenders will be summarily rejected.
Evaluation of Part-I (Technical bid)	Inspection of executed work(s) will be carried out during Part-I evaluation for qualifying the bidders for opening Part-II (Financial bid).
Date of opening of Financial Bids of qualified bidders	Date Will be notified later.

The security deposit at 5% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum amount to security deposit of 2.5% of the tendered value of the work. In addition the contractor shall be required to deposit of 5% of the tendered value of the contract as performance security in the prescribed form (as specified in the Annexure) within a period of fifteen days of issue of letter of intent.

TENDERS NOT ACCOMPANYING THE FOLLOWING ARE LIABLE TO BE SUMMARILY REJECTED

1. Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.
2. Proof of registration with Government / Semi Government organizations like CPWD, MES, BSNL, Railways, State PWDs etc. in appropriate class OR having experience in execution of similar nature of works. Scanned copy shall be uploaded.
3. Experiences of having successfully completed works during the last seven years ending last day of the month previous to the one in which applications are invited as follows: Three each similar completed works costing not less than the amount equal to 40% of the estimated cost put to tender, [or] Two each similar completed works, costing not less than the amount equal to 60% of the estimated cost put to tender [or] One similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost.

Similar work shall mean **“Major Civil Construction works.”**

Note:

1. Eligible similar nature of works should have been executed in India Only.
 2. Works got executed on back to back basis through another contractor will not be treated as eligible works.
 3. In case of the work done under private sector, the completion certificate shall be supported with the copies of TDS certificate.
 4. 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 submission of tenders.
- A. Should have an average annual financial turnover on construction works of atleast 100% of estimated cost during the immediate last 3 consecutive financial year. **Scanned copy of certificate from Chartered Accountant to be uploaded.** Should not have incurred any loss for more than two years during the last five years ending previous financial year. Details shall be furnished duly supported by figures in balance sheet/profit & loss account for the last 5 years duly certified by Chartered Accountant as uploaded by the applicant to Income tax department as per proforma as specified in **Form – A.**

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:

$$\text{Bidding Capacity} = [A \times N \times 2] - B$$

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.

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

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

- B. Should have a solvency of 40% of estimated cost obtained from competent authorities as per proforma specified in **Form – B** shall be uploaded. The solvency certificate shall not be older than one year from the tender opening date.
- C. Applicant should upload the details of all works of similar class completed in the proforma as specified in **Form – C**.
- D. List of projects under execution or awarded shall be uploaded as per proforma specified in **Form – D**.
- E. Performance report of works referred to in Forms 'C' & 'D' shall be uploaded as per proforma specified in **Form – E**.
- F. Details regarding structure and organisation of the firm shall be uploaded as per proforma specified in **Form – F**.
- G. Details regarding manpower possessed shall be furnished as per proforma **Form – G** shall be uploaded. The details of trained and certified workmen proposed to be employed at the work site of the project should also be furnished.
- H. Details of construction plant, machinery, equipment, accessories & infrastructure facilities likely to be used / possessed for carrying out the work shall be furnished as per proforma specified in **Form – H**.
- I. PAN Certificate in the latest approved form - Details of sales tax registration including details of commercial tax office with which they are remitting this tax.
- J. The contractor should be registered under Goods & Service Tax (GST) and GST as applicable as per the extant order on the subject on the above work shall be paid by the Contractor to concerned Department.
- K. Certificates (Scanned copy of original certificates to be uploaded)
- i) Performance Certificates
 - ii) WCT registration certificate
 - iii) TIN Registration
 - iv) Goods & Service Tax (GST) registration certificate
 - v) PAN (Permanent Account Number) Registration
 - vi) Registration certificate in CPWD / State PWD / MES
 - vii) Form A to Form H
- L. UNDERTAKING as under for e-tendering mode:-
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 DAE 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. (Scanned copy to be uploaded at the time of submission of bid).
4. Information and Instructions for tenderers posted on website shall form of tender document for e-tendering mode.
5. The tender 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 can be seen and downloaded from website www.tenderwizard.com/DAE free of cost for e-tendering mode.

6. The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards cost of tender document and EMD in favour of "PAY AND ACCOUNTS OFFICER, IGCAR, Kalpakkam" and Processing Fee by e-payment as mentioned in www.tenderwizard.com/DAE.
7. **Those contractors not registered on the website www.tenderwizard.com/DAE, are required to get registered for e-tendering mode. Registered contractors only can download & submit / upload tenders.**
8. The intending bidder must have valid class-III digital signature to submit the bid for e-tendering mode.
9. On opening date, the contractor can login and see the bid opening process for e-tendering mode.
10. For e-tendering mode, contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in YELLOW colour and the moment rate is entered, it turns SKY BLUE. **If any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).**
11. For e-tendering mode, in the case of bids in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
12. The Department reserves the right to accept / reject any prospective application without assigning any reason thereof.
13. Short listing of the agencies shall be subject to thorough verification of their credentials and inspection of works carried out by them, through a Technical Evaluation Committee of experts, constituted by IGCAR.
14. IF ANY INFORMATION FURNISHED by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering / taking up works in IGCAR.
15. In case of successful tenderer, the tenderer is required to deposit an amount equal to 5% of the tendered value of the contract as irrevocable performance guarantee in the form of bank guarantee from any of the scheduled bank or by demand draft from State bank of India or Canara Bank drawn in favour of **Pay & Accounts Officer, IGCAR, Kalpakkam** payable at Kalpakkam within a period of 15 days of issue of letter of intent. The letter of award of work will be issued only after the above said performance guarantee in any one of the prescribed forms is received and accepted failing which the Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money absolutely.

In addition to the above, the successful tenderer is required to remit security deposit amounting to 2.5% of the tendered value which shall be deducted at 5% of the gross amount of the bill from each running bill, till total security deposit is recovered. Earnest money deposited along with bid shall be returned after receiving Performance Guarantee.

16. Tenderer to note that tenders with any condition including that of conditional rebate shall be rejected forthwith. (Applicable for single part tenders only)

17. Bidders shall not be under a declaration of ineligibility for tender quoting and fraudulent practice.
18. Documentary evidence of adequate financial standing.
19. Information regarding projects in hand, current litigation, orders regarding exclusion, expulsion or block entry if any to be furnished.
20. The capacity of the contractor to take up a new project under consideration in addition to his present commitments must be clearly brought out. He should also furnish the details referring as to have both physically and financially capable of executing this contract in the stipulated time as per milestones projected in addition to executing the other commitments.
21. Copies of original documents detailing the constitution or legal status, place of regulation and principle place of business, written power of attorney of the regulatory of the bond to commit the bidders.
22. Qualification and experience of key site management and technical personnel proposed for the contract.
23. Evidence of adequacy of working capital for this contract. Access to lines of credit and availability of other financial resources.
24. Information regarding any litigation, current or during the last five years, in which the bidder is involved, the parties concerned and disbursed amount.
25. Proposals for sub-contracting components of the works including the qualification and experience of the identified sub-contractor in the relevant field.
26. The proposed methodology and program of construction, backed with equipment planning and deployment duly supported with broad calculation and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.
27. Labour welfare cess @1% of gross value of work done shall be recovered from each bill paid to the contractor, and the same will be remitted to Tamilnadu Construction workers welfare Board.
28. Water if available, may be supplied to the contractor by the department at one point, the water charges @ 1% shall be recovered on gross amount of the work done.

Chief Engineer, CEG on behalf of President of India does not bind himself to accept the lowest or any other tender and reserves to himself the authority to reject any or all of the tenders or to allot parts of the works to different agencies without assigning any reasons there for. All tenders, in which any of the prescribed conditions is not fulfilled shall be summarily rejected.

Chief Engineer, CEG
Indira Gandhi Centre for Atomic Research

List of Documents to be scanned & uploaded within the period of bid submission for e-tendering mode: (Scanned copy of original certificates to be uploaded)

- 1 Financial Turn Over certified by CA
- 2 Profit & Loss statement certified by CA
- 3 Latest Bank Solvency Certificate
- 4 List of SIMILAR WORKS completed in last 7 years indicating: I) Agency for whom executed II) Value of Work, III) Stipulated and actual time of completion.
- 5 List of WORKS in Hand indicating: I) Agency II) Value of Work, III) Stipulated time of completion / present position.
- 6 List of Construction Plants and Machinery
- 7 List of Technical Staff
- 8 Certificates:
 - i) Registration certificates
 - ii) Certificates of Work Experience / Performance Certificates / Completion certificates.
 - iii) Certificate of Registration for Sales Tax / VAT / WCT and Service Tax
 - iv) TIN Registration Certificate
 - v) Goods & Service Tax (GST) registration certificate
 - vi) PAN (Permanent Account Number) Registration
- 9 Undertaking A to D of Annexure I, Annexure II.
- 10 Demand Draft/Pay order or Banker's Cheque of any Scheduled Bank towards cost of Bid Document.
- 11 e-payment through online electronic mode towards cost of Processing Fee.
- 12 Demand Draft/Pay order or Banker's Cheque /Deposit at Call Receipt/FDR of any Scheduled Bank against EMD.
- 13 Bank Guarantee of any Scheduled Bank against EMD if applicable.
- 14 Form of Tender

UNDERTAKINGS TO BE FURNISHED BY THE TENDERER

1. Undertaking – A

“I Son of
..... Residing at
.....hereby give an
undertaking that I have read and I am aware of all the clauses and sub clauses of tender
forms and I confirm that I will abide by all the terms and conditions available in this tender
document. My Income tax Permanent Account Number (PAN) is

(Seal of the Firm)

*(Dated Signature of Contractor or his
authorized Power of Attorney)*

2. Undertaking – B

“I Son of
..... Residing at
.....
..... hereby give an undertaking that I have give an undertaking that
none of my relative(s) as defined below is/are employed in DAE as per details given in
tender document. In case at any stage, it is found that the information given by me is false /
incorrect, IGCAR shall have the absolute right to take any action as deemed fit without any
prior intimation to me”

The near relatives for this purpose are defined as;

1. Members of a Hindu undivided family
2. They are husband and wife
3. The one is related to the other in the manner as father, mother, son(s) son’s wife
(daughter-in-law), daughter(s) daughter’s husband (son-in-law), brother(s) and
brother’s wife, sister(s) and sister’s husband (brother-in-law)

(Seal of the Firm)

*(Dated Signature of Contractor or his
authorized Power of Attorney)*

UNDERTAKING – C

I / We have read and examined the Notice Inviting Tender, General Rules & Directions, Form of Tender, Special conditions, Safety code for works contract, General condition of Contract, Schedule F, Specifications, Schedule of Construction, drawings & all other contents in the tender documents for the work AND ACCORDINGLY I / We, hereby tender for execution of the work specified for the President of India within the time specified in Schedule “F”, viz., Schedule of Quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule 1 of General Rules & Directions and in Clause - 11 of the General Clauses of Contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

(Seal of the Firm)

*(Dated Signature of Contractor or his
authorized Power of Attorney)*

UNDERTAKING – D

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 DAE 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.

(Seal of the Firm)

*(Dated Signature of Contractor or his
authorized Power of Attorney)*

Declaration by Contractor

This is to certify that;

- 1) I / We have submitted the tenders in the proforma as downloaded directly from the websites which are same as available in the website and there is no change in the format, number of pages, etc.
- 2) I / We have not made any modifications / corrections / additions etc., in the tender documents downloaded from web by me / us.
- 3) I / We have checked that no page is missing and all pages as per the index are available and that all pages of tender document submitted by us are clear and legible.
- 4) I / We have submitted the cost of the tender & Tender processing fee.
- 5) I / We have submitted requisite EMD in the prescribed form.
- 6) In case at later stage, it is noticed that there is any difference in my / our tender documents with the original documents, IGCAR shall have the right to cancel the tender / work, forfeit the Earnest Money, Performance Guarantee & Security Deposit, take appropriate action as per the prevailing rules in force and IGCAR shall not be bound to pay any damages to me / us on this account.

Dated
(Contractor)

(Signature with seal)

FORM 'A' : FINANCIAL INFORMATION

I. Financial Analysis - Details to be furnished duly supported by figures in balance sheet/ profit and 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).

Particulars	Financial Year				
	2012-13	2013-14	2014-15	2015-16	2016-17
i) Gross Annual turnover on construction work Rupees (In Lakhs)					
ii) Profit/Loss Rupees (In Lakhs)					
iii) Certified by					

Name and address of Chartered Accountant	
--	--

II. Financial arrangements for carrying out the proposed work.

Viz. line of credit, Working Capital, Liquid Capital, Fixed Deposits etc. - Upload scanned copy of statement

III. The scanned copies of following certificates are to be uploaded.

- Profit & Loss account certified by CA & as submitted to Income Tax Department.
- Solvency Certificate from banker's of applicant. Banker's certificates should be on letterhead of the Bank. In case of partnership firm, certificate should include names of all partners as recorded with the Bank as said in the Form 'B'.
- Value Added Tax Registration Certificate.
- Permanent Account Number (PAN).

Name of authorized signatory

Note: Further details if required may be asked from the contractor after opening of the bids. There is no need to upload the entire voluminous balance sheet.

Scanned copy on Banker's letter head to be uploaded

FORM – B :FORM OF BANKER'S CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information that M/s./Shri _____ (with 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) Bankers certificates should be on letter head of the Bank.
- (2) In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM 'C' : DETAILS OF ALL SIMILAR WORKS COMPLETED IN ALL RESPECTS DURING THE LAST SEVEN YEARS ENDING ON THE LAST DAY OF THE MONTH JUNE 2018

Sl. No.	Name of work /project and location	Owner or sponsoring organisation	Cost of work (Rupees in Lakhs)	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation / arbitration pending / in progress with details*	Name & Address / Phone No. of officer to whom reference may be made.	Remarks

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

- Notes:
- Applicant may submit separate form for giving details of work (completed) for each year to fill up the details as above. Separate sheets if any shall be numbered in sequence.
 - The scanned copies of the work orders for each work along with completion certificate shall be uploaded.**
 - Certified that the above list of works is complete and no work has been left-out and the information given is correct to my knowledge and belief.

Name of authorized signatory

FORM 'D' : PROJECTS UNDER EXECUTION OR AWARDED

Sl. No.	Name of work /project and location	Owner or sponsoring organisation	Cost of work Rupees (in Lakhs)	Date of commencement as per contract	Stipulated date of completion	Up to date percentage progress of work	Slow progress if any and reasons thereof	Name and address / telephone number of officer to whom reference may be made	Remarks

Name of authorized signatory

Scanned copy of certificates containing following information from the clients to be uploaded

FORM-E : PERFORMANCE REPORT OF WORKS REFERRED TO IN FORM "C"
(Separate certificate for each work/ Project)

1. Name of work/Project & Location
2. Agreement No.
3. Estimated Cost
4. Tendered Cost
5. Date of start
6. Date of completion
 - (i) Stipulated date of completion
 - (ii) Actual date of completion
 - (iii) Present position of work, if in progress.
7. Amount of compensation levied for delayed completion, if any.
8. Amount of reduced rate items, if any.
9. Performance Report.

a) Quality of work	Very Good/Good/Fair/Poor
b) Financial soundness	Very Good/Good/Fair/Poor
c) Technical Proficiency	Very Good/Good/Fair/Poor
d) Resourcefulness	Very Good/Good/Fair/Poor
e) General behaviour	Very Good/Good/Fair/Poor
f) Time Consciousness	Very Good/Good/Fair/Poor

Dated:

**Executive Engineer or equivalent
Signature with Seal**

FORM 'F' : STRUCTURE & ORGANISATION

1 Name & Postal Address of the applicant:

2 Telephone No./Telex No./Fax No.

3 Legal status of the applicant (Please tick and attach attested 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)

Dept./Organisation & Place of registration	Registration No.

5 Names and Titles of Director & Officers with designation proposed to be concerned with this work

6 Designation of individuals authorised to act for the organisation

7 Was the applicant ever required to suspend construction for a period of more than six months continuously after you commenced the construction? If so, give the name of the project and reasons of suspension of work.

8 Has the applicant 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 applicant, or any constituent partner in case of partnership firm, ever been debarred / black listed for tendering in any organisation at any time? If so give details.

- 10 Has the applicant, or any constituent partner in case of partnership firm , ever been convicted by a court of law? If so, give details.

- 11 In which fields of Engineering construction the applicant has specialisation and interest?

- 12 Any other information considered necessary but not included above.

Name and address of the authorized signatory

**FORM 'G' : DETAILS OF TECHNICAL & ADMINISTRATIVE PERSONNEL TO BE EMPLOYED
FOR THIS WORK**

Sl. No.	Name	Designation	Qualifications	Professional experience and details of work carried out	How these would be involved in this work	Remarks

Name and address of authorized signatory	
--	--

**FORM'H' - DETAILS OF CONSTRUCTION PLANT AND EQUIPMENT LIKELY TO BE USED
IN CARRYING OUT THIS WORK**

Sl. No.	Name of Equipment/ Plant	Nos	Capacity or Type & make	Age	Condition	Ownership status				Current Location	Remarks
						Presently owned	Leased	To be purchased	Proposed to be hired		
1	Earth moving equipment										
	1. Excavators(Various sizes)										
	2. Dumpers										
2	Equipment for concrete work										
	1. Concrete batching plant										
	2. Concrete pump										
	a) with Placer Boom										
	2. Concrete pump										
	b) with Stationary										
	3. Concrete transit mixer										
	4. Concrete mixer (diesel)										
	5. Concrete mixer (electrical)										
	6. Needle vibrator (electrical)										
	7. Needle vibrator (petrol)										
	8. Concrete pump										
	9. Curing pumps (various capacities)										
3	Equipment for building work										
	1. Bar bending machine										
	2. Bar cutting machine										
	3. Drilling machine										
	4. Welding generators										
	5. Welding transformers										
	6. M.S. pipes										
	7. Steel shuttering										
	8. Steel scaffolding										
4	Testing Equipments for										
	1. Cube Testing										
	2. Sieve analysis										
	3. Ultrasonic test										
	4. Silt test										
	5. Micron gauger										
	6. Moisture Metre										
	7. Any other										

Sl. No.	Name of Equipment/ Plant	Nos	Capacity or Type & make	Age	Condition	Ownership status				Current Location	Remarks
						Presently owned	Leased	To be purchased	Proposed to be hired		
5	Equipment for road work										
	1.Road rollers										
	2.Bitumen paver finishers										
	3.Hot mix plant / Wet mix Plant										
	4.Spreaders										
	5. Grader										
	6. Dozer										
	7. Earth rammers										
	8. Vibratory road rollers										
6	Equipment for transportation										
	1. Tippers										
	2. Trucks										
	3. Water tankers										
7	Pneumatic equipment										
	1.Air compressors (diesel)										
	2. Air Compressors (Elect)										
8	Dewatering equipment										
	1. Pump (diesel)										
	2. Pump (electric)										
9	Power equipment										
	1.Diesel generators										
10	Any other plants/equipments										
	Like Tower crane, etc.										

Name and address of authorized signatory	
--	--