



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर

(परमाणु उर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान)

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESWAR

(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

NIT No. & Date: - NISER/ IWD-Civil/Services/2018/27, Dtd-02.01.2019.

Name of Work: - Providing and Fixing GI chain Link Fencing around Director Bungalow in NISER Campus, Jatni.

Estimated Cost of Tender: -	Rs 12, 96, 308.00
Completion Time: -	120 days
Earnest Money : -	Rs.25, 927.00
Cost of tender (non-refundable):-	Rs. 500.00 (Rupees Five Hundred Only).

NOTE:

1. The details of tender notification can be downloaded from www.tenderwizard.com/NISER under "**Tender Free View**" link.
2. Vendors should obtain the USER ID and PASSWORD from www.tenderwizard.com/NISER by clicking on "**REGISTER ME**" link in the homepage.
3. The Vendor registration fees has to be paid to ITI Ltd for Rs. 1180/-. Using the e-payment link provided at the time of registration, and the mode of payments are Credit Card, Debit Card and Internet Banking. Vendor Registration is Valid for 1year.
4. For further details on e-Tender participation, please contact ITI Help desk on
 - Telephone: 080-49352000/9686115318
 - Email: harishkumar.kb@etenderwizard.com, ambasa@etenderwizard.com.
5. Tenders should be submitted only through e-Tender portal and obtain the Tender Acknowledgement copy as a proof of successful submission.



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TENDER DOCUMENTS

NIT No. NISER/ IWD-Civil/Services/2018/27

Date: 02.01.2019

Name of work: “Providing and Fixing GI chain Link Fencing around Director Bungalow in NISER Campus, Jatni.”

I N D E X

Sl. No.	Particulars	Remarks
1.	Particulars of Contractor	First Part- Technical Bid
2.	Eligibility Criteria	
3.	Abstract of general terms and conditions	
4.	Checklist of documents	
5	Experience of Contractor	
6	Bill of Quantities	Second Part - Financial Bid

NOTE: Tender can be downloaded and bided from website address: www.tenderwizard.com/NISER. Tender documents for viewing only are also available in NISER web-site address: www.niser.ac.in

SIGNATURE OF THE OFFICER ISSUING TENDER

NAME OF THE WORK

Providing and Fixing GI chain Link Fencing around
Director Bungalow in NISER Campus, Jatni

FIRST PART

TECHNICAL BID

NOTE

The tenderer should enclose the following documents along with the Technical Bid otherwise tender will be summarily rejected.

- 1)
 - a) Scanned copy of self-attested works completion certificate during the last seven years from Govt./Semi- Govt. organization not below the rank of E.E as per NIT.
 - b) Scanned copy of self-attested valid Registration Certificate.
 - c) Scanned copy of self-attested PAN card.
 - d) Scanned copy of self-attested GST Registration certificate.
 - e) Scanned copy of the cost of tender paper for the bidders and EMD amount in separate D.D's as per NIT.
- 2) Also, contractors shall submit the above documents (self-attested) with original for verification before opening of technical bid for verification with original DD for EMD and cost of tender. The bidder those who will not submit the self-attested hard copies of required documents in the office, the technical bid of the bidder will not be opened & he will be rejected.
- 3) Incomplete/Partial bid or bid not submitted in prescribed format will be rejected.



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NOTICE INVITING TENDER

Director, NISER invites online tender on two bid system (Technical Bid and Financial Bid) for the following work:-

NIT No. NISER/ IWD-Civil/Services/2018/27

Dated: 02.01.2019

Name of the Work: - Providing and Fixing GI chain Link Fencing around Director Bungalow in NISER Campus, Jatni

Estimated Cost	:	Rs 12, 96, 308.00
Earnest Money	:	Rs.25, 927 .00
Time of Completion	:	120 Days
Cost of tender (non-refundable)	:	Rs. 500.00 (Rupees Five Hundred Only)

Tender can be downloaded and bided from website address: www.tenderwizard.com/NISER.
Tender documents for viewing only are also available in NISER website address: www.niser.ac.in

Pre- Bid Meeting for Tenderer	:	14/01/2019 at 11.00 AM in the office of SO-D (Civil)
Last date of submission of tender (online)	:	21/01/2019 upto 12.30 PM.
Original EMD & Tender Paper cost submission at Office	:	21/01/2019 upto 03.45 PM.
Tender Opening date (Technical Bid)	:	21/01/2019 upto 04.00 PM.

Registrar, NISER



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Tender Notice

NIT No. NISER/ IWD-Civil/Services/2018/27

Dated: 02.01.2019

Director, NISER hereby invites item rate tender in two parts for the following work of “Providing and Fixing GI chain Link Fencing around Director Bungalow in NISER Campus, Jatni “from contractors of CPWD/MES/Railways/State PWDs and/or those who have worked for DAE or its Organizations or Govt. /Semi Government organizations and have successfully carried out a minimum of one/two/three similar works of 80%/60%/40% respectively of the estimated cost or above as indicated below, during the last seven years. The eligible contractors may submit their bid along with supporting documents of fulfilling the above conditions otherwise the bids bear the risk of not being considered. The eligible contractors are also required to submit the self-attested copies of PAN Card, Registration and GST Registration certificate.

In support of fulfilling all the essential conditions mentioned in the previous Para the contractor shall submit the past details, mentioning the name of work, estimated cost, tendered amount, gross value of work done, date of commencement as per agreement & actual date of completion as per agreement along with schedule of quantities executed and any penalty levied due to delay in executing the work from an officer not below the rank of Executive Engineer (Civil).

Estimated Cost	EMD	Performance Security	Security Deposit	Time of completion
Rs.12,96,308.00	Rs25, 927.00	@ 5% of tendered amount	A sum @ 5% of the gross amount of the bill shall be deducted from each running bill till the sum amounts to Security Deposit @ 5% of the tendered amount of the work.	120 days from the date of receipt of acceptance letter/ submission of PG

Tender can be downloaded and bided from website address: www.tenderwizard.com/NISER. Tender documents for viewing only are also available in NISER website address: www.niser.ac.in. The **tender cost of Rs. 500.00 & EMD of Rs. 25,927.00**, separately in the form of A/C payee DD/ Banker’s cheque drawn on any scheduled Bank, in favor of **Director, NISER**.

The tender documents are to be submitted in two parts (Technical & Financial Bid). Self-attested documents in support of eligibility criteria of the contractor, Technical bid, tender cost and EMD are to be uploaded online. The second part with scheduled items of work & price quoted are to be uploaded in prescribed format as Financial Bid. The bidders those who are applied online have to submit the hard copies along with original documents mentioned in NIT on or before **21st January, 2019 upto 3.45 PM and Technical bid will be opened at 04.00 PM on 21st January, 2019**. Those who qualify the technical bid shall be intimated later mentioning the date of opening of the financial bid.

Director, NISER, reserves the right to accept/reject any/all tenders without assigning any reason whatsoever. Part or incomplete tenders will be summarily rejected. No further correspondences whatsoever shall be entertained in this regard. Canvassing in any manner shall result in rejection of the tender.

Any dispute arising out of this shall subject to Bhubaneswar jurisdiction only.

Registrar, NISER

General Terms and Conditions:

1. Online item rate tenders are hereby invited for the work of “Providing and Fixing GI chain Link Fencing around Director Bungalow in NISER Campus, Jatni”. The estimated cost of work is **Rs. 12, 96,308.00**. The Earnest Money Deposit is **Rs. 25,927.00**. Contractors of CPWD/MES/ Railways/State PWDs and/or those who have worked for DAE or its units or in any Govt./Semi Govt. organizations and have successfully carried out minimum one/two/three similar work of 80%/60%/40% respectively of the estimated cost and above during the last seven years, The eligible contractors may submit their bid along with supporting documents of fulfilling the above conditions otherwise their bids bear the risk of not being considered. **The contractors those who are applied online also required to submit the self-attested copies of PAN CARD, registration, GST registration certificate EMD (Original) & Tender Paper Cost (Original) before opening of the technical bid on or before 21st January, 2019 upto 3.45 PM.**

In support of fulfilling all the essential conditions mentioned in the previous Para the contractor shall submit the details, mentioning the name of work, estimated cost, tendered amount, gross value of work done, date of commencement as per agreement & actual date of completion as per agreement along with schedule of quantities executed and any penalty levied due to delay in executing the work from an officer not below the rank of Executive Engineer (Civil).

2. The estimated cost of the work is **Rs. 12, 96, 308.00** (Rupees Twelve Lakhs Ninety Six Thousand Three hundred Eight only).
3. Period for completion of the work will be **120 Days** and the date of commencement shall be reckoned from the seventh day of issue of award letter.
4. The tender documents can be made available for viewing only at NISER website www.niser.ac.in.
5. Tenders can only be viewed from website www.niser.ac.in. The cost of tender document (Non-transferable) shall be submitted along with the technical bid. Please note that tender documents are not transferable. Tender can be downloaded and bided from website address: www.tenderwizard.com/NISER.
6. Tender documents are to be uploaded in two parts. The First part shall consist of the technical Bid including the cost of tender, EMD and the documents in support of eligibility criteria. The second part shall contain the financial bid showing the detail schedule of work. **Tenders complete in all respects, will be accepted through online up to 12.30 PM on 21st January 2019. The bid shall be opened at 04.00 PM on 21st January 2019.** Please note, that bids submitted without tender cost and EMD are summarily being rejected. The bidder those who will not submit the self-attested hard copies of required documents in the office, the technical bid of the bidder will not be opened.
7. The Earnest Money amounting to **Rs. 25,927.00 (Rupees Twenty Five Thousand Nine Hundred Twenty Seven only)** as demand draft or pay order from any scheduled Bank and drawn in favor of the **Director, NISER** should be deposited along with the tender documents in first part (Technical bid). **Tender received without earnest money will be invalid and rejected.**

8. Director, NISER does not bind himself to accept the lowest or any tender and reserves the right to accept the tender either in whole or in part of the tender and the tenderer shall be bound to perform the same at the rates quoted. The decision of the Director shall be final in this regard.
9. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.
10. The tenderer shall not be permitted to tender for works in the concerned unit of DAE in which a relative is posted in the grade between Controller of Administration and Scientific Assistant (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, (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 step mother), Son (including step son), Son's wife, Daughter (including step daughter), Father's father, Son's son, Son's Son's wife, Son's daughter, Son's daughter's husband, Daughter's husband, Daughter's son, 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.

11. The Bid shall remain valid for a minimum period of 90 days from the date of opening of the tender for the purpose of acceptance and award of work. Validity beyond 90 days from the date of opening shall be by mutual consent.
12. The tenderer should see and obtain the drawings. In case of any queries, necessary clarifications may please be sought from the office of the Scientific Officer-D (Civil). No claim whatsoever will be entertained in this regard for any alleged ignorance thereof.
13. **Performance Guarantee** is liable to be forfeited if the contractor fails to commence the work as per award letter.
14. Some of the provisions of the contract are given below.
 - a) **DEFECT LIABILITY PERIOD** - Twelve months from the date of completion as certified by the authorized engineer.
 - b) **MINIMUM VALUE OF WORK FOR THE INTERMEDIATE CERTIFICATE**
Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Institute.
 - c) **SECURITY DEPOSIT** - A sum @ 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 5% of the tendered value of the work. In addition, the contractor shall be required to deposit an amount equal to 5% of the tendered value of the contract as **Performance Security** within the period prescribed for commencement of work in the letter of award issued to him.
 - d) **COMPENSATION** – In the event of any delay in completion of the work beyond the scheduled period, the contractor shall pay an amount equal to **one per cent** of the total cost of work or such smaller amount as decided by Director, NISER (whose decision shall be final) as compensation to the institute, for every week that the work remains un-

commenced or unfinished. Compensation to be paid shall not exceed **ten per cent of the estimated cost** of the total work as per award letter.

15. Stores to be issued: - No material shall be issued by the Institute. The responsibility for arranging all materials from approved manufacturer as per award letter lies with the contractor.
16. Taxes as applicable will be deducted from every RA bill and also from the final bill of the contractor at the rate prescribed by govt. of India from time to time.
17. Escalation cost will not be given for the work which the stipulated period of completion is 18 (Eighteen) months or less.
18. The successful bidder will be required to inform the names, qualifications and experiences of the supervising staff to be deployed for execution of the work. In case of any changes occurring during the course of execution of the said work, the same shall also be intimated by the bidder to the institute.
19. The Contractor shall have to make his own arrangements for storage of materials required for execution of the work and NISER in any manner shall not be held responsible for the storage and safe custody of the said materials at work site.
20. Water charges @1% will be deducted from the Contractor's bill.
21. The power will be supplied on request at one point within 50 meter of the building premises. The contractor shall install his own main switch, energy meter, cables, electric board/switch room etc. of adequate capacity and of suitable type to receive, control and further distribute the power involved. The exact location and further details about the supply point will on receipt of the contractor's application be decided upon by the Department, whose decision in the matter will be final and binding. The total final connected load and the anticipated maximum demand shall be furnished by the contractor about one month in advance of the actual initial requirement and for any addition in load subsequent to initial supply, at least one week's notice from the date of submission of installation test report for the said additional load will be given. The electricity charges will be deducted from the contractor's bill as per actual meter reading.
22. At the time of starting the work the contractor has to inform the list of tools and plants brought to the site work. No items other than the list submitted will be allowed to be taken out of the site.
23. The work should be executed during day time only for safety reason.
24. Tenderers shall inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the site and shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed

to have full knowledge of the site whether he inspects it or not. Submission of a tender implies that the tenderer has read the complete contract documents and is aware of the conditions, specification of the work to be done and of the local conditions and other factors having a bearing on the execution of work. Any claim either for extra amount or for additional time for execution due to ignorance about the site and working condition is not payable.

25. It is the sole responsibility of the tenderer to ensure proper lightning/visibility, access (ladder etc.) and any other safety measures for the trained personnel during work.
26. The work will be executed as per CPWD, DAE procedure of work and direction of Engineer-In-charge.
27. All the materials shall be inspected in the presence of Department of their representative.
28. No materials/equipment shall be shipped to site unless the sample of the same is inspected, tested and certified for acceptance by the Department or their representative as per applicable standards.

NAME OF THE WORK

Providing and Fixing GI chain Link Fencing around
Director Bungalow in NISER Campus, Jatni

SECOND PART

FINANCIAL BID

FINANCIAL BID

Providing and Fixing GI chain Link Fencing around Director Bungalow in NISER Campus,
Jatni

Sl. No.	Description of Items	Unit	Quantity	Rate	Amount
1	Earth work excavation in foundation pits, plinth / tie beams, trenches etc.in all soils other than soft rock & hard rock upto depths mentioned below including shoring if necessary, dressing the sides, trimming, ramming and preparing the bed for foundation and refilling around the foundation and in plinth with selected excavated earth, in layers not exceeding 150mm. thick, watering, consolidation to obtain 90% proctor density and disposing of the surplus earth within a distance of 150m etc.all complete as per specifications, drawings and as directed by the Engineer in Charge. Depth not exceeding 1.5 m from Ground Level	CuM	47.00		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 fine sand : 6 graded stone aggregate 40 mm nominal size)	CuM	11.00		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size)	CuM	24.07		
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement:1½ coarse sand:3 graded stone aggregate 20 mm nominal size)	CuM	11.50		
5	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	CuM	2.50		

6	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	CuM	0.50		
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete at all level. Thermo-Mechanically Treated bars	Kg	300.00		
8	Centering and shuttering including strutting, propping etc. and removal of form work for :				
8A	Columns, piers, abutments, pillars, posts and struts	SqM	203.00		
8B	Foundations, footings, bases of columns, etc. for mass concrete	SqM	5.50		
8C	Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like	SqM	83.10		
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	CuM	33.50		
10	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	SqM	289.50		
11	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand) :	SqM	70.5		
12	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, welding, fixing in position and applying a priming coat of approved steel primer all complete	Kg	4188.04		
13	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm	SqM	400.00		
14	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	SqM	213.00		

15	<p>Providing and fixing G.I. chain link fabric fencing of 1.5 mt width of size 10mm gauge in mesh size 50x50 mm, chain link fixed to angle iron Post of size 65*65*6mm and 1.8 mtr high above concrete post and 120/170mm in side of pond concrete wall at 1.8 mtr c/c with supplying struts of angle iron of size 65*65*6 at every 5th post or as required at corner/end post.and struts embedded in concrete of size as per drawing and providing 40*6mm thick MS flat at top & bottom with making holes in angle post and fixing GI U/J hooks of chain link fencing between the vertical angle post including 6mm dia GI J hook, bolt, nuts & washer at 200mm c/c.8mm dia MS rod fixing for every vertical post including scaffolding stretching, straighting etc including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia. 4 mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade. (Concrete Post & Angle Post, Struts , MS Flat to be paid separately under relevant items)</p>	SqM	323.00		
16	<p>Providing & Fixing sliding gate built up with tubular section (Hot finished welded type tubes round, square or rectangular hollow tubes etc.) with top & bottom guide arrangement mounted on heavy duty stainless steel rollers (top & bottom) as per site requirement , including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding/bolting with special shaped washers, wherever required with bolts, nuts, locking arrangement, stoppers, handles and fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)etc. complete or as directed by engineer-in-charge.</p>	Kg	780.00		
17	<p>Pointing on brick work or brick flooring with cement mortar 1:3 (1 cement:3 fine sand) :Raised and cut pointing</p>	Sq M	289.50		
				Total	

Note: Rate quoted shall be inclusive of all taxes and no extra claim be made except the rate quoted.