



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)

Name of Work:- “Construction of sheds for provision of washing area & cutting of vegetables at canteen of SOH-1, DOH-3 & DOH-1 ” at NISER, Jatni.

NIT No. & Date :- NISER/IWD-CIVIL/2016/3 dt.15/11/2016

Estimated cost put to tender:- ₹7,56,561/-

Completion time :- 02 (Two) calendar months

This tender documents contains 12(Twelve) pages.



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TENDER DOCUMENTS

File No. NISER/IWD-CIVIL/2016/3

Dated:15/11/2016

Name of work: Construction of sheds for provision of washing area & cutting of vegetables at canteen of SOH-1, DOH-3 & DOH-1 ” at NISER, Jatni.

I N D E X

Sl. No.	Particulars	Page No.	Remarks
1.	Notice Inviting Tender and Term and condition for works.	1- 9	First part i.e. Tech. Bid
2.	Detailed list of completed works done by the Contractor	10	-Do-
3.	C.P.W.D. Specifications 2009, Vol. I and Vol. II, Drawings of sheds.	Can be seen in the office of the SO-D (Civil), NISER, Jatni.	
4.	Schedule of Quantities	11 to 14	Second part i.e. Price Bid

NOTE : Tenderer should confirm that they have received all the above papers. All the documents issued is to be returned duly signed by the tenderer while submitting his offer as a token of acceptance of the terms and conditions of NIT/term and conditions.

TENDER ISSUED TO :

M/s. _____

Telephone No. _____

SIGNATURE OF THE OFFICER ISSUING TENDER

NAME OF THE WORK

“Construction of sheds for provision of washing area & cutting of vegetables at canteen of SOH-1, DOH-3 & DOH-1 ” at NISER, Jatni.

FIRST PART
TECHNICAL BID

NOTE

The tenderer should enclose the following documents with the technical bid otherwise tender will be summarily rejected.

- 1). a) Self attested copy of works completed during the last seven years from Govt./Semi Govt. organization not below the rank of E.E as per NIT.
b) Self attested copy of valid Registration Certificate.
c) Self attested copy of PAN card.
d) Self attested copy of upto date VAT clearance certificate.
e) The cost of tender paper and EMD amount in separate D.D's as per NIT for contractors those who are applying by downloading the document from website.
- 2). Contractors have to enclose the above documents (self attested) along with technical bid and should not write any condition or make any changes addition, alteration and modification, otherwise may be cancelled. The contractor have to sign all the pages of technical bid i.e. NIT, Architectural Drawing (if any), as acceptance of the terms and conditions.
- 3). Incomplete bid, bid not submitted in prescribed form or partially fulfilled bid will be rejected. Bid not submitted/received within stipulated date/time as per NIT will not be accepted.



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NOTICE INVITING TENDER

Director, NISER, Bhubaneswar invites sealed item rate tender on two envelope system for the following work:-

NIT No. NISER/IWD-CIVIL/2016/3 Dated:15/11/2016

Name of the work: "Construction of sheds for provision of washing area & cutting of vegetables at canteen of SOH-1, DOH-3 & DOH-1 " at NISER, Jatni.

Estimated Cost	:	₹7,56,561/-
Earnest Money	:	₹15,131/-
Time of Completion	:	02 (Two) calendar months.

Tender documents can be down loaded from the Institute's website <http://www.niser.ac.in>. The last date of receipt of tender will be on 30/11/2016 up to 3.00 p.m..


REGISTRAR



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर
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Tender Notice

Sealed item rate tender is hereby invited for the following work from the contractors of CPWD, MES, Railways and State PWDs and/or those who have worked for DAE or its Organizations or Govt./Semi Government organizations and successfully carried out minimum one/two/three similar (civil construction work) of 80%/60%/40% respectively of the estimated cost and above during the last seven years need apply with proof of fulfilling the above conditions along with photo copy of PAN CARD, valid registration certificate and up to date VAT clearance certificate. The proof of completed works should be in proper order 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 & actual along with schedule of quantities executed and whether levied due to delay from the officer not below the rank of an Executive Engineer(Civil).

Name of Work	Estimated Cost ₹ .	Earnest Money ₹ .	Duration of work
Name of the work: "Construction of sheds for provision of washing area & cutting of vegetables at canteen of SOH-1, DOH-3 & DOH-1 " at NISER, Jatni.	7,56,561/-	15,131/-	02(Two) Calendar months.
NIT No. NISER/IWD-CIVIL/2016/3, Dated:15/11/2016			

Tender document can be down loaded from the Institute's website <http://www.niser.ac.in>. & may be submitted along with tender paper cost of ₹500.00 & EMD of ₹15,131.00 in the form of A/C payee separate demand draft/ Banker's cheque from any scheduled Bank in favour of the Finance Officer, NISER, Bhubaneswar – 751 005. Tender documents are to be submitted in two parts in separate sealed covers. The documents in support of eligibility criteria of the contractor, Technical bid, tender paper cost and EMD are to be submitted in the first part. The second part is price bid with scheduled items of work & these are to be sealed in separate envelope superscribing the name of work, address of contractor and date of opening. Completed tenders will be accepted upto 3.00 PM on 30/11/2016 and technical bid will be opened at 3.30PM on 30/11/2016 whose EMD, tender paper cost and technical bid are found to be in order & price bid of eligible contractors will be opened at 3.30 PM on 06/12/2016.

Director, NISER, Bhubaneswar reserves the right to accept/reject any/all tenders without assigning any reason thereof.


REGISTRAR

Terms and Conditions:

1. Sealed item rate tenders are hereby invited for the work of “Construction of sheds for provision of washing area & cutting of vegetables at canteen of SOH-1, DOH-3, DOH-1 at NISER campus, Jatni. Estimated cost is ₹7,56,561/= based on DSR-2014. The Earnest Money Deposit is ₹15,131.00 contractors of CPWD, MES, Railways and State PWDs and/or those who have worked for DAE or its Organizations or Govt./Semi Government organizations and successfully carried out minimum one/two/three similar work (construction work) of 80%/60%/40% respectively of the estimated cost and above during the last seven years need apply with proof of fulfilling the above conditions along with photo copy of PAN CARD and up to date VAT clearance certificate. The proof of completed works should be in proper order 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 & actual along with schedule of quantities executed and whether levied due to delay from the officer not below the rank of an Executive Engineer(Civil).
2. Estimated Cost is ₹7,56,561/= (Rupees Seven lakh fifty six thousand five hundred and sixty one only) based on CPWD,DSR- 2014.
3. Time for carrying out the work will be **02(Two) Calendar months** and the date of commencement shall be reckoned from the tenth day of issue of award letter.
4. Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the office of the REGISTRAR, NISER, Jatni.
5. Tenders should be submitted, on the specified form (Non-transferable), which may be down loaded from our web site:www.niser.ac.in, will deposit tender paper cost of ₹500/-(**Rupees Five hundred only**) as demand draft or pay order from scheduled bank drawn in favour of the Finance Officer,NISER, Bhubaneswar (Non-refundable) with technical bid.
6. Tender documents are to be submitted in two parts in separate sealed covers. The First part consists of the tender paper cost, EMD and the documents in support of eligibility criteria of the contractor, and Technical bid. The second part is price bid with scheduled items of work & these are to be sealed in separate envelope super scribing the name of work, address of contractor and date of opening. Completed tenders will be accepted upto 3.00 PM on 30/11/2016 and technical bid will be opened at 3.30PM on 30/11/2016 whose EMD and tender paper cost are found to be in order & price bid of eligible contractors will be opened at 3.30 PM on 06/12/2016 respectively in the office of the Scientific Officer-D (CIVIL), NISER, Jatni. Tender should be dropped in the Tender Box before the closing date and time indicated. In case these are sent by post, these should be sent by REGISTERED POST/SPEED POST addressed to the REGISTRAR, NISER, Jatni, 752050. Tenderers are to ensure that they post the tender well in advance so as to reach before the closing time and date indicated.
7. The Earnest Money amounting to ₹15,131.00 (**Rupees fifteen thousand one hundred and thirty one only**) as demand draft or pay order of a scheduled Bank and drawn in favor of the Finance Officer, NISER, Bhubaneswar-05 should be deposited along with the tender documents in first part (Technical bid). Tender received without earnest money will be invalid and rejected.
8. 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.

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 are relatives as mentioned above.

NOTE :

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. Canvassing connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection. **The tenderer shall give a list of both Gazetted and non-gazetted employee in DAE, who are related to him. The contractor shall not be permitted to tender for works in the Department (responsible for award and execution of contracts) in which his near relative is posted as equivalent to Accounts officer or as an officer in the capacity of grades Scientific Officer/ "C" and above. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relative to any gazetted officer in the DAE. Any breach of this condition by the contractor would render him liable to be barred from tendering in this organization.

No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in all Engineering Department of the Govt. of India is allowed to work as a contractor for a period of One year after his retirement from Government Services, without the previous permission of the Govt. of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of Govt. of India as aforesaid before submission of the tender or engagement in the contractor's service.

*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.

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 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 husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.

11. 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.
12. The tenderer shall quote rates both in figures and words. He shall also work out 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 a 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 the 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.
13. 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.
14. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility to site, nature and extent of ground, working condition of site and locality including stacking of materials, 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.
15. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award.
16. 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. Tenderer who are desirous to offer rebate the same should be brought out separately in the covering letter and submit along with the tender.
17. Some of the provisions of General Conditions of Contract are given below.
 - 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
Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.

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 along with the sum already deposited as earnest money, will 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 - Contractor shall pay as compensation an amount equal to one per cent 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 to quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten per cent of the estimated cost of the work as shown in the agreement.

18. Stores to be issued : - No material will be issued by the department. Contractor has to arrange materials from the approved manufacturer:
19. Deduction of VAT at the rate prescribed by the Govt. will be made from their running and final bill on all works.
20. Deduction of Income Tax at the rate as mentioned by I.T. Deptt. of the payments will be made from the running and final bill in all works.
21. Item rates tenders showing percentage above or below are liable to be rejected.
22. Successful tenderers also would be required to submit the names, qualifications and experiences of the supervising staff to be deputed for the total control of the work. He should also communicate changes if any, in the names thus communicated.
23. The tenderers should also identify the list of the tools and plants that he proposes to place in the work.
24. The Contractor shall have to make arrangements for storage required for the work and the NISER will not take any responsibility for the same.
25. Water charges @1% will be deducted from the Contractor's bill.
26. At the time of starting the work the contractor has to submit the list of tools and plants brought to the site of work. No items other than the list submitted will be allowed to be taken out of the Laboratory.
27. All the mandatory testing charges will be borne by the contractor.

28. Escalation cost will not be given for the work which the stipulated period of completion is 18(Eighteen) months or less.
29. The work will be executed as per CPWD and direction of Engineer-In-charge.



REGISTRAR

Completed works done by the Contractor:

Give list of works minimum 3 completed satisfactorily in last seven years which were near to tender amount for which tender is being given by the contractor.

Name of works	Location of site	Value of Work	Name or organization, Executive Engineer under whom is done.

N.B:- The work order copy and completion certificates from the firm may be attached.

NAME OF THE WORK

“Construction of sheds for provision of washing area & cutting of vegetables at canteen of SOH-1, DOH-3 & DOH-1 at NISER campus, Jatni.

SECOND PART
PRICE BID

NOTE

Tenderers are required to quote against each items legibly and arrive at the total cost of work. All pages of second part i.e. the price bid should be duly signed by the tenderer failing which tender may be rejected.



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Name of work: "Construction of sheds for provision of washing area & cutting of vegetables at canteen of SOH-1, DOH-3 & DOH-1 " at NISER, Jatni.

SCHEDULE OF QUANTITIES

Sl.N o	Description	Qty.	Unit	Rate	Amount
1.	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil Rate in words:	11.00 cum	Per cum		
2.	Supplying and filling in plinth with local river sand under floors, including watering, ramming, consolidating and dressing complete. Rate in words:	16.00 cum.	Per cum		
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) Rate in words:	13.00 cum	Per cum		
4.	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Rate in words:	3426.00 kg	Per kg		
5.	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel by welding or bolting. Rate in words:	441.00 kg	Per kg		
6.	12 mm cement plaster finished with a floating coat of neat cement of mix :1:3 (1 cement: 3 fine sand) Rate in words:	102.00 sqm	Per sqm		
7.	Extra for providing and fixing wind ties of 40x 6 mm flat iron section. Rate in words:	117.00 mtr	Per mtr		
8.	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. 2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6") as specified. Rate in words:	146.00 sqm	Per sqm		

9.	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) Rate in words:	60.00 sqm.	Per sqm		
10.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture. Rate in words:	245.00 sqm	Per sqm		
11.	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) Rate in words:	10.00 cum	Per cum		
12.	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Rate in words:	106.00 sqm.	Per sqm		
13.	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in small lintels not exceeding 1.5 m clear span up to floor five level, including the cost of required centering, shuttering but excluding the cost of reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). Rate in words:	0.20 cum	Per cum		
14.	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars. Rate in words:	30.00 kg	Per kg		
15.	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm). Rate in words:	45.00 sqm	Per sqm		
16.	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground.For door/ window/ clerestory window Rate in words:	6.00 sqm	Per sqm		
17.	Providing & fixing of 75mm PVC pipe of 80 schedule or 6kg/ sqcm including jointing of pipes with required adhesives excluding the of cost of clips & bends complete as per direction of EIC. 75mm nomonal dia pipes. Rate in words:	21.00 mtr	Per mtr		
18.	Providing & fixing of 75mm PVC bend of 80 schedule or 6kg/ sqcm with required degree and approved solvent cement complete as per direction of EIC. 75mm nomonal dia pipes.	15 no	Per no		

	Rate in words:				
19	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall,				
a	20mm nominal outer dia Pipes Rate in words:	60.00 mtr	Per mtr		
b	15mm nominal outer dia Pipes Rate in words:	18.00 mtr	Per mtr		
20	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore Rate in words:	12 no	Per no		

Total: Rs. _____

(Rupees _____ only)

(Total twenty items only)

No. of Cutting :

No. of Corrections :

No. of Over writing :

**Signature of tenderer
with date & address**