

**NETAJI SUBHAS INSTITUTE OF TECHNOLOGY
SECTOR-3, DWARKA, NEW DELHI – 110078**

No.: F.201(151)/08-09/NSIT/Lawn

Dated: 13.02.2009

NOTICE INVITING TENDER

The Executive Engineer (C)/M invites on behalf of the BOG, NSIT sealed item rate tenders from approved and eligible contractors of CPWD, M.E.S., Railways & Department of Telecommunications 3.00 PM on 23.02.2009 for the work **Name of work:-** Horticulture Maintenance **Sub-Head:-** Renovation of lawn in Block No. 4, 5 & 6 in NSIT campus, **Estimated Cost:** Rs. 1,40,056.00, **Earnest money:** Rs. 2801.00, **Time Allowed:-** Two month, **Tender Cost:** Rs. 500.00, Last date of receipt of application: upto 19.02.2009 at 4.00 PM, Last date of issue of tender:20.02.2009 upto 4.00 PM, Date of opening of tenders 23.02.2009 at 3.30 PM in Room No.301, Admn. Block, NSIT, Sector-3, Dwarka, New Delhi-110078. The Earnest Money as mentioned above shall be deposited alongwith the application seeking issue of tender documents in the form of Pay Order/Demand Draft of a Scheduled Bank issued in favour of “Director, Netaji Subhas Institute of Technology”.

Alternatively, the tender documents consisting of above can be downloaded from the websites www.delhigovt.nic.in & www.nsit.ac.in and the downloaded documents can be used for quoting the tender and these documents shall only be opened subject to fulfillment of conditions:

Detailed terms & conditions of the tender can be seen on websites mentioned above.

EXECUTIVE ENGINEER(C/M)

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**NETAJI SUBHAS INSTITUTE OF TECHNOLOGY
SECTOR-3, DWARKA, NEW DELHI – 110078**

CORRIGENDUM TO Form-8 (CPWD)

S.NO.	FOR	READ
1.	Govt. of India	Govt. of National Capital Territory of Delhi.
2.	President of India	B.O.G., NSIT
3.	Superintending Engineer/Chief Engineer.	Director, Netaji Subhas Institute of Technology
4.	CPWD (Department)	Netaji Subhas Institute of Technology
5.	Administrative Head	Director, Netaji Subhas Institute of Technology
6.	Ministry of Works & Housing	Govt. of National Capital Territory of Delhi.

**NETAJI SUBHAS INSTITUTE OF TECHNOLOGY
SECTOR-3, DWARKA, NEW DELHI – 110078**

NOTICE INVITING TENDER

01. Item Rate tenders are invited on behalf of the BOG, NSIT from approved and eligible contractors of CPWD, M.E.S., Railways & Department of Telecommunications.

Name of work: Horticulture Maintenance

Sub-Head: Renovation of lawn in Block No. 4, 5 & 6 in NSIT campus

The enlistment of the contractor should be valid on the last date of sale of tenders.

In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of sale of tenders.

In case both the last date of receipt of application and sale of tenders are extended, the enlistment of contractor should be valid on either of the two dates i.e. original date of sale of tender or on the extended date of sale of tenders.

- 1.1 The work is estimated to cost Rs. 1,40,056.00 This estimate, however, is given merely as a rough guide.
1. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD-8 which is available as a Govt. of India Publication. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
2. The time allowed for carrying out the work will be 02 months from the date of start as defined in schedule “F” or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
3. The site of work is available.
4. Receipt of applications for issue of forms will be stopped by 4.00 PM the last date fixed for receiving of the applications from the office of EE (C)/M. Last date of issuing of tender documents will be as mentioned in NIT.

Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms & conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen in the office of the Executive Engineer (C)/M, Room No.301, Admn. Block, NSIT, Sector-3, Dwarka, New Delhi-110078, between hours of 11.00 am to 4.00 pm from _____ to _____ every day except on the Saturday, Sunday and Public Holidays. Tender documents, excluding standard form (G.C.C.), will be issued from his office during the hours specified above, on payment of the following:

- (i) Rs. 500.00 in cash as cost of tender and
- (ii) Earnest money of Rs. 2801.00 in the form of Pay Order/Demand Draft of a Scheduled Bank issued in favour of “Director, Netaji Subhas Institute of Technology”.

Earnest money should be deposited alongwith the application seeking issue of tender documents in the form of Pay Order/Demand Draft of a Scheduled Bank issued in favour of “Director, Netaji Subhas Institute of Technology”. The contractors have to produce attested copy of the eligibility criteria including TIN No. and a certificate that upto date returns have been filled alongwith the copy of returns submitted to the department of Trade and Taxes (VAT). (Attested copies would be retained and original returned.

- 5. Tenders, which should always be placed in sealed envelope, with the name of work and due date written on the envelopes, will be received by the Executive Engineer (C)/M upto 3.00 PM on dated _____ and will be opened by him or his authorized representative in his office on the same day at 3.30 PM.
- 6.1 Alternatively, the tender documents consisting of above can be downloaded from the websites www.delhigovt.nic.in & www.nsit.ac.in and the downloaded documents can be used for quoting the tender and these documents shall only be opened subject to fulfillment of following conditions:

A separate sealed envelope, other than tender, marked as ‘**documents required for tender downloaded from the website**’ containing following documents shall be submitted with the tender:-

- a) Separate Demand Draft/Pay Order for tender cost and EMD for the amount as mentioned above in favour of Director, Netaji Subhas Institute of Technology” of a Schedule Bank or Nationalized Bank/State Bank guaranteed by Reserve Bank of India.
- b) Attested copy of all the documents required for eligibility. **Original documents are to be produced at the time of opening of tender for verification by department.**
- 6.2 Incomplete tender documents downloaded from the website shall be summarily rejected.
- 6.3 Tenderer shall submit the tender in sealed envelope. Tenderer who has downloaded the tender documents from the website shall submit the tender in two sealed envelopes marked as Envelope-I (Documents required for tender downloaded from the website) and Envelope-II (tender documents downloaded from the web). Both envelopes should be enclosed in a common Envelope-III. In case Envelope-I is not annexed then Envelope-II containing tenders will not be opened at all.

- 6.4 In case tenderer who has downloaded the tender from the website fails to produce original documents at the time of opening of bid then Envelope-II containing tenders will not be opened at all.**
- 6.5 In case holiday is declared on the opening day, the tenders will be opened on the next working day.
6. The contractor shall be required to deposit an amount equal to 5% of the tendered value of the work as performance guarantee in the form of an irrevocable bank guarantee bond of any Scheduled Bank in accordance with the form prescribed or in cash or in the form of Govt. security, fixed deposit receipt etc., as in the case of recovery of security deposit within prescribed number of days of the issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge upto a maximum period of prescribed number of days on written request of the contractor.
7. The description of the work is as follows:

Name of work: Horticulture Maintenance

Sub-Head: Renovation of lawn in Block No. 4, 5 & 6 in NSIT campus

Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above mentioned officer.

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general 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 and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

8. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
9. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

10. The competent authority on behalf of President of India 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 rate quoted.
11. The contractor shall not be permitted to tender for works in the CPWD Circle (responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). 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 relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
12. No Engineer of gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of two years after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
13. The tender for the works shall remain open for acceptance for a period of sixty days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, which-ever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.
14. This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
 - a) The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
 - b) Standard CPWD Form 8 (G.C.C.)
15. In case of any difference / ambiguity between English & Hindi version, English version shall prevail.
16. The department shall deduct Sales Tax/DVAT, Income Tax, Labour Cess etc. as applicable on the value of work done from each bill of the contractor as per prevailing Government instructions / orders. In lieu, the department shall issue a certificate of deduction of the tax at source to the contractor, in relevant forms.
17. The intending tenderer must produce alongwith the application, attested copy of registration under Delhi Value Added Tax (DVAT) Act 2004 and its no dues certificate.
18. Contactor shall have to produce original copies/certificates for verification by the Department.

EXECUTIVE ENGINEER(C/M)

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE	DELHI	CIRCLE	ENGG. CELL
BRANCH	NSIT	DIVISION	ENGG.CELL/M/NSIT
ZONE		SUB-DIVISION	E.CELL/M/NSIT

Item Rate Tender & Contract for Works

(A) Tender for the work of:-

Name of work: Horticulture Maintenance

Sub-Head: Renovation of lawn in Block No. 4, 5 & 6 in NSIT campus

(i) To be submitted by (to be filled by EE Office) hours on (to be filled by EE office)
to

(time)

(date)

(ii) To be opened in presence of tenderers who may be present at (to be filled by EE Office) hours on (to be filled by EE Office) in the office of EE (C)/M, NSIT.

Issued to: (to be filled by EE Office)

contractor

Signature of officer issuing the documents _____

Designation EE (C)/M, NSIT

Date of issue _____

T E N D E R

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the 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 and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for sixty (60) days from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of Rs. 2801.00 has been deposited in P.O./demand draft of a scheduled bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee within prescribed period. I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate informations derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Signature of Contractor

Postal Address

Dated

Witness:

Address:

Occupation:

A C C E P T A N C E

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs.

_____ (Rupees

—

_____).

The letters referred to below shall form part of this contract Agreement:-

a)

b)

c)

For & on behalf of the President of India.

Signature _____

Designation _____

Dated

SCHEDULES

SCHEDULE 'A'

Schedule of quantities (as per PWD-3)

As per Schedule attached

SHCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
NIL				

SCHEDULE 'C'

Tools and plants to be hired to the contractor.

Sl. No.	Description	Hire charges per day	Place of Issue
1	2	3	4
Nil			

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any.

Nil

SCHEDULE 'E'

Schedule of component of Cement, Steel, other Materials, Labour etc. for price escalation.

NIL

CLAUSE 10 CC

Component of Cement- Expressed as percent of total value of work	Xc _____ %	}	N.A.
Component of Steel- Expressed as percent of total value of work	Xs _____ %		
Component of civil (except cement & steel)/Electrical construction Materials expressed as percent of total value of work.	Xm _____ %		
Component of Labour- Expressed as percent of total value of work	Y _____ %		
Component of P.O.L.- Expressed as percent of total value of work	Z _____ %		

SCHEDULE 'F'

Reference to General Conditions of contract.

Name of work: Horticulture Maintenance

Sub-Head: Renovation of lawn in Block No. 4, 5 & 6 in NSIT campus

Estimated cost of work: Rs. 1,40,056.00

- i) Earnest money: Rs. 2801.00
- ii) Performance Guarantee: 5% of tendered value before award of work.
- iii) Security Deposit: 5% of tendered value

GENERAL RULES:
& DIRECTOIONS

Officer inviting tender EE (C)/M
Maximum percentage for quantity of
items of work to be executed beyond
which rates are to be determined in
accordance with Clauses 12.2 & 12.3

See below

Definitions

2(v)	Engineer-in-Charge	EE (C)/M
2(viii)	Accepting authority	Director/EE (C)/M, NSIT
2(x)	Percentage on cost of materials and labour to cover all overheads and profits.	15%
2(xi)	Standard Schedule of Rates	Marketing Rate
2(xii)	Department	Engg. Cell/M/NSIT.
9(ii)	Standard CPWD contract Form	CPWD form 8 (G.C.C.) as modified & corrected upto date

Clause 1

- i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days 04 to 15 days or as decided by EE (C)/M
- ii) Maximum allowable extension beyond the period provided in i) above in days 03 to 07 days or as decided by EE (C)/M

Clause 2

Authority for fixing compensation under clause 2 Director, NSIT

Clause 2A

Whether Clause 2A shall be applicable No

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start 07 to 22 days or as decided by EE (C)/M

Mile stone(s) as per table given below:-

Table of Mile Stone(s)

Sl. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1.			
2.			
3.			
4.			

OR

Sl. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1.	1/8 TH (of whole work)	1/4 TH (of whole work)	In the event of not achieving the necessary progress as assessed from the running payments, 1% of the tendered value of work will be withheld for failure of each milestone
2.	3/8 TH (of whole work)	1/2 (of whole work)	
3.	3/4 TH (of whole work)	3/4 TH (of whole work)	
4.	FULL	FULL	

Time allowed for execution of work. 02 months

Authority to give fair and reasonable extension of time for completion of work Engineer-in-charge or Director, NSIT.

Clause 6, 6A

Clause applicable – (6 or 6A)

_____6_____

Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim As decided by EE

	payment	
Clause 10A	List of testing equipment to be provided by the contractor at site lab. 1. 2. 3.	
Clause 10B		
(ii)	Whether clauses B (ii) shall be applicable	No
Clause 10CA	Materials covered under this clause 1. Cement 2. Steel	Nearest Material for which All India Wholesale Price Index is to be followed
Clause 10CC	Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	18 months
Clause 11	Specifications to be followed for execution of work	CPWD specifications with upto date correction slips and additional conditions & additional specifications enclosed.
Clause 12		
12.2 & 12.3	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work	30%
12.5	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work	100%
Clause 16		
	Competent Authority for deciding reduced rates	Director, NSIT.
Clause 18	List of mandatory machinery, tools & plants to be deployed by the contractor at site. 1. 2. 3.	

Clause 36 (i)

Requirement of Technical Representative(s) and recovery Rate

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical / Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures (in Rs.)	Words
1.	Project Manager with Degree	Civil/Electrical		10 years		20,000/- p.m.	Twenty Thousand Only
2.	Graduate Engineer	Civil/Electrical		5 years		15,000/- p.m.	Fifteen Thousand Only
3.	Graduate Engineer or Diploma Engineer	Civil/Electrical		Nil Or 5 year		10,000/- p.m.	Ten Thousand Only

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Clause 42

- i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2007 printed by CPWD with upto date correction slips.
- ii) Variations permissible on theoretical quantities
- a) Cement for works with estimated cost put to tender not more than Rs. 5 Lakhs. 3% plus/minus
- For works with estimated cost put to tender more than Rs. 5 Lakhs 2% plus/minus
- b) Bitumen all works 2.5% plus only & nil on minus side.
- c) Steel Reinforcement and structural steel sections for each diameter, section and category 2% plus/minus
- d) All other materials Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No.	Description of item	Rates in figures and words at which recovery shall be made from the Contractor Rate in schedule 'B' plus 10% in case materials issued by Department.	
		Excess beyond permissible variation	Less use beyond the permissible variation
1.	Cement		
2.	Steel reinforcement		
3.	Structural Sections		
4.	Bitumen issued free		
5.	Bitumen issued at stipulated fixed price		

SPECIAL SPECIFICATIONS & CONDITIONS

1. Tenders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders (so as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks contingencies and other circumstances which may influence or affect their tender. Tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. The contractor shall have to make approaches, to the site, if so required and keep them in good condition for transportation of labour and materials as well as inspection of works by the Engineer-In-charge. Nothing extra shall be paid on this account. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tool & plant etc. will be issued to him by the government and the local conditions and other factors having a bearing on the execution of the work.
2. The competent authority on behalf of Board of Governors, NSIT, Delhi does not bind itself to accept the lowest or any other tender, and reserves to itself the right to reject any or all of the tenders received without the assignment of a reason. All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.
3. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
4. The competent authority on behalf of Board of Governors, NSIT, Delhi reserves to itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
5. The tender for the works shall remain open for acceptance for a period of sixty days from the date of opening of tenders, if any tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the department , then NSIT shall, without prejudice to any other right or remedy, be at liberty to forfeit 100% of the said earnest money as aforesaid.
6. The successful tenderer/contractor, on acceptance of his tender by the accepting authority, shall within 15 days from the stipulated date of start of work sign the contract consisting of:-

The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereof.
7. The tenders should be placed in sealed envelopes, with the name of work, due date and name of the firm written on the envelope.
8. Bids complete in all respect much reach this office not later than 1500 Hrs. On the notified date of closing of the tender, bids sent by hand delivery should be put in the tender box at this office not later than 1500 Hrs on the specified date. All out-station bids, if sent by post should be sent under registered cover.
9. Any change in Bid after opening of the tender will not be allowed.
10. NSIT will not be responsible for the loss of Tender form or for delay in postal transit.

11. Bidders are advised in their own interest to ensure that their bids reach this office will before the closing date and time of the tender as the bids received after the closing date and time of the tender will no be considered.
12. The work in general shall be executed as per the description of the item, specifications attached, CPWD specifications 1996 Vol. I to VI with correction slips upto the date of tender notice.
13. In case of any variation or difference between applicable specifications, the following order of precedence will be followed:-
 - i) Nomenclature of item.
 - ii) The relevant drawing.
 - iii) Special specifications attached with the tender documents.
 - iv) General specifications attached with the tender documents.
 - v) C.P.W.D. specifications.
14. The contractor shall be required to produce samples of all building materials sufficiently in advance to obtain approval of the Engineer-in-Charge. The materials to be used in actual execution of the work shall strictly conform to the quality of samples approved. In case of variation, such materials shall be rejected.
15. All the Materials in the work shall comply with requirement of Engineer-in-charge & shall pass all the test and the Analysis required by him as per particular speciation as applicable or such recognized specification as acceptable the Engineer-in charge.
16. The contractor shall, at his own cost, make all arrangement and shall provide such facilities as the Engineer-in-Charge may require for collecting, preparing and forwarding the required number of samples for tests at such time and to such places, as directed by the Engineer-in-Charge. Nothing extra shall be paid for the above including cost of sample material, except testing charges. Testing charges shall be reimbursed to the contractor after production of receipts. In case, material fails in test, no reimbursement shall be made by Department. The necessary tests shall be conducted in the laboratory approved by the Engineer-in-charge.
17. The necessary tests shall be conducted (if required) in the laboratory of PWD (DA), CPWD, Central Board Research Institute or IIT, Delhi or any other laboratory approved by the Engineer-In-Charge. The testing charges shall be paid by the Agency initially and will be reimbursed by NSIT for the samples confirming to specifications.
18. The contractor or his authorized representatives shall associate in collection preparation, forwarding and testing of such samples. In case he or his authorized representatives is not present or does not associate himself the results of such test and consequences thereon shall be binding on the contractor.
19. Wherever any reference to any Indian Standard Specifications occur in the documents relating to this contract same shall be inclusive of all documents issued there to or revision thereof if any, upto date of the tender notice.
20. The contractor must study the specifications and conditions carefully before tendering.
21. Before the start of the work, the contractor shall submit the programme for execution of work, get it approved from the Engineer-In-Charge and strictly adhere the same for the timely completion of the project work.
22. The work shall be carried out in such a manner so as not to interfere / or effect of disturb other workd being executed by other agencies, if any.
23. Any damage done by the contractor to any existing work shall be made good by him at his own cost.

24. The contractor or his authorized representatives should always be available at the site of work to take instruction from department officers, and ensure proper execution of work. No work should be done in the absence of such authorized representatives.
25. The contractor shall maintain in good condition all work executed till the completion of entire work allotted to the contractor.
26. All work and materials brought and left upon the ground by the contractor or by his orders for the purpose of forming part of the works, are to be considered to be the property of the Chairman, BOG and same are not to be removed or taken away by the contractor or any other person without the special license and consent in writing of the Engineer-in-charge, but the Chairman, BOG is not to be in any way responsible for any loss or damage which may happen to or in respect of any such work of materials either by the same being lost or damaged by whether or otherwise.
27. Water shall be supplied by the Institute but recovery shall be made on this account. 1% of the value of work done.
28. The rate for all items of works, unless clearly specified otherwise, shall include the cost of all labour, materials and other inputs involved in the execution of the items.
29. Unless otherwise provided in the Scheduled of Quantities the rates tendered by the contractor shall be all- inclusive and shall apply to all heights, depths, lead and lifts.
30. No payment will be made to the contractor for damages caused by rains, or other natural calamities during the execution of the works and no such claims on this account will be entertained.
31. The malba/garbage, removed from the site shall be disposed off by the contractor at any suitable place as directed by the Engineer-In-charge.
32. Where no approved brand is mentioned against any item, the material strictly conforming to CPWD specifications shall only be used.
33. Apart from all the conditions & Specifications stated above, all the amendments in the "General Condition of contract for Central Public Work Department works" issued upto date shall be applicable.

EXECUTIVE ENGINEER (C)/M

**NETAJI SUBHAS INSTITUTE OF TECHNOLOGY
SECTOR-3, DWARKA, NEW DELHI-110075**

SCHEDULE OF QUANTITY

Name of work:- Horticulture maintenance.

Sub-Head:- Renovation of lawn in Block No. 4, 5 & 6 in NSIT campus

Item No.	Sub-heads and item of work	Quantity	Per	Rate	Amount
1	Trenching in ordinary soil up to a depth of 60cm including removal and stacking of serviceable materials and then disposing of by spreading and neatly leveling with in a lead of 50m and making up the trenched area to proper levels by feeling with earth or earth mixed with sludge or /and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	702.00	cum		
2.	Supply & stacking of good earth at site including royalty & carriage up to 16km. (earth measured in stack will be reduced by 20% for payment)	59.00	cum		
3.	Supply and stacking cow dung manure from approved source, including carriage up to 1km.(manure measured in stake will be reduced by 8% for payment)	29.00	Cum		
4.	Supply and staking of Jamuna sand	29.00	Cum		
5.	Mixing good earth and sludge or manure in preparation specified or directed.	117.00	Cum		
6.	Spreading of sludge, Jamuna sand, dump manure or/and good earth in required thickness (cost of sludge, dump manure or/and good earth paid separately)	117.00	100 Sqm.		
7	Flooding the ground with water including making kiaries and dismantling the same	1170.00	100 Sqm.		
8.	Fine dressing the ground	1170.00	100 Sqm.		

9.	Supply of Selection No.1 Grass carpet (healthy & weed free)	234.00	Sqm.		
10.	Grassing with 'Doob'/selection No.1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid for separately) 8.1 In rows 5 cm apart in either direction.	1170.00	100 Sqm		
11.	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ration of 2.1 by volume (2 parts of stacked volume of earth after reduction 20%: 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) 12.1 Holes 1.2 m dia and 1.2 m deep 12.2 Holes 60 cm dia and 60 cm deep	18Nos 33Nos	Each Each		
12.	Supply and planting of following variety of plants	06Nos	Each		
	i) Cycus palm 25-30 in 14" R.C.C. pots.	06Nos	Each		
	ii) Furcaria well develop 20-25 leaves in 12" E.pots.	600Nos	Each		
	iii) Iresine well developed ht. 6"-9" in P. bags.	600Nos	Each		
	iv) Durenta Goldiana well developed ht. 9"-1' in P. bags.	12Nos	Each		
	v) Ficus Stralright well developed ht. 2.5'-3' in 12" R.C.C. pots.	30Nos	Each		
	vi) Cuphea well developed ht. 6" in E. pots.	03Nos	Each		
	vii) Yucca Silverline well developed ht.3' - 3.5' in 12"R.C.C. pots.				

	viii) Alternanthera bettziana (Red) well developed in P. bags.	200Nos	Each		
	ix) Ficus Resnold ht 2'-2.5' well developed in P. bags.	12Nos	Each		
	x) Ficus nuda topiary well developed ht.3'-4' bolls in 12" R.C.C. pots.	06Nos	Each		
	xi) Ficus panda topiary well developed ht.3'-4' bolls in 12" R.C.C pots.	06Nos	Each		

Executive Engineer (C)/M