



NATIONAL PROJECTS CONSTRUCTION CORPORATION LTD

(A GOVT. OF INDIA ENTERPRISE)

3A, Dr S. N Roy Road, Kolkata-700029

TENDER FOR DETAILED ENGINEERING AND CONSULTANCY SERVICES

(2<sup>nd</sup> Call)

**For: Construction of proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar , Kolkata**

Reference	NIT No.EZ/NRIADD/1029 Dated:09/11/11
Last Date for Submission Of Tender	28/11/11 upto 15.00 Hrs.
Date of Opening of Tender	28/11/11 at 15.30 Hrs.
Tender Issued to	M/S ..... ..... .....

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**NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED**

**(A Government of India Enterprise)**

**Eastern Zonal Office**

**3A, Dr S N Roy Road, Kolkata-700029**

**Ph:- 033-2466-7371, 2463-5138**

**ISO 9001:2000**

**WEBSITE: [www.npcc.gov.in](http://www.npcc.gov.in)**

NIT No. EZ/NRIADD/1029

Dated:09/11/11

**NOTICE INVITING TENDER(2<sup>ND</sup> Call)**

National projects Construction Corporation Limited (NPCC) invites sealed tenders under two bid systems (One envelope for technical bid and other for financial bid) from the agencies of National repute for the Engineering Consultancy services for Construction of proposed eight storey building at National Research Institute of Ayurvedic Drug Development(NRIADD) at sector-V, Bidhannagar , Kolkata

<b>S. No.</b>	<b>Name of the work</b>	<b>Description</b>
1.	Engineering Consultancy services for Construction of Construction of proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar , Kolkata	Estimated cost  (Construction Cost)  Rs. 40.00 Crores
2.	Scope of work	<b>A) <u>PRE AWARD STAGE BY NRIADD</u></b> Preparation of various possible conceptual layout, plans, elevations with architectural view, with possible finishing & utilities . Presentation of the same to NRIADD and finalizing the same in consultation with NPCC/NRIADD

		<p><b>B) <u>POST AWARD STAGE BY NRIADD</u></b></p> <p>a. Survey &amp; Geo-Technical Investigation.</p> <p>b. Preparation of tender drawings, BOQ with rates as per prevailing DSR/market rate</p> <p>c. Preparation of Structural design</p> <p>d. Preparation of detail utility drawings</p> <p>e. submission of all Final Drawings</p>
3.	Completion time	Completion of the project as approved by NRIADD
4.	Earnest money to be deposited	Rs. 20,000/- (Rupees Twenty thousand only) in favour of NPCC Ltd. Payable at Kolkata. In the form of DD of any scheduled bank . Unsuccessful bidders will be refunded the earnest money (without any interest) after the award of the contract to the successful bidder. <b>Tenders without earnest money in form as specified above will be summarily rejected.</b>
5.	Cost of Tender Documents	Rs. 1000/- (Rupees One Thousand only) – Non refundable payable by DD in favour of NPCC Ltd or Payable at cash.
6.	Validity of Tender	120 days from the date of issue of Letter of Award.
7.	Sale of Tender Document	15/11/11 to 23/11/11 11.00A.M. to 5.00 P.M.
8.	Submission of Tenders	28/11/11 up to 3.00 PM
9.	Opening of Technical bid	28/11/11 at 3.30 PM.

**Eligibility Criteria :-**

1. Submission of documentary evidence for having PAN, upto date Professional tax challan, Service Tax No,etc.
2. Performance Certificates for providing similar services to any Govt./Semi Govt./ Autonomous body/Other reputed organization for one project value of minimum Rs 3200.00 lacs or two project values Rs 2400.00 lacs or three projects valuing Rs 1600.00 lacs within last 5(five) years as principal consultant & to be calculated from the last day of the preceding month in which the tender is being invited . Similar work will mean jobs of RCC Multistoried Institutional Building involving works such as preparation of architectural drawing, structural design , drawing along with other utilities of the building all complete.
3. Agency must have an office in Kolkata with required in house facilities(Documentary evidence needs to be enclosed)
4. Average annual turnover of the agency for last three years should not be less than Rs 30.00 lacs(Documentary evidence needs to be enclosed)
5. Agency must have at least three architects with valid registration no from council of Architecture with minimum experience of 05(Five) years(Documentary evidence of having registration no & being in the role of the consultant needs to be enclosed)
6. Joint ventures are not permitted.

Tender documents for the above works can be had from the office of **Zonal Manager,Eastern Zone, NPCC Ltd, 3A, Dr S N Roy Road, Kolkata-700029** on any working day from 15/11/11 to 23/11/11, between 11.00 A.M. to 5.00 P.M. Request for sending tender documents through posts/courier will not be entertained.

Tender Documents received after the stipulated date & time are liable to be summarily rejected. Tender documents sent through post/courier will not be accepted.

**Any corrigendum/addendum/errata in respect of the above tender shall be made available only at our official web site [www.npcc.gov.in](http://www.npcc.gov.in). No further press advertisement will be given. Hence prospective bidders are advised to visit NPCC web site regularly for above purpose & submit the same duly signed & stamped after downloading from the web site along with the tender document.**

**Zonal Manager  
Eastern Zone**

**CC:**

- 1) General Manager(CM&W),NPCC Ltd.,Corporate Office,Faridabad  
for information & publication in web site of Corporation , please.
- 2) Works Section .EZO ,Kolkata for information, please.
- 3) AM(F), EZO,Kolkata. for information, please.
- 4) Notice Board, EZO, Kolkata

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**1.0 INSTRUCTIONS TO TENDERERS**

1.1 Background: The cost estimate for the proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar, Kolkata as submitted by NPCC is under active consideration at NRIADD Head Quarters, CCRAS, New Delhi. Preliminary Architectural plan & design of the building has been desired by NRIADD for further course of action.

1.2 Scope of Work: Preparation of various possible conceptual layout, plans, elevations with architectural view, with possible finishing & utilities. Presentation of the same to NRIADD and finalizing the same in consultation with NPCC/NRIADD termed as Pre Award stage by NRIADD. Subsequent to award of work to NPCC complete Engineering Consultancy services for the work has been termed as post award stage by NRIADD.

1.3 Any investigation, topographical survey, geo-technical survey, hydro-geological survey, collection of required data from the site/town/location and from the clients, concerned state/central government authorities, Local Bodies and other agencies, sample collection & sample testing, test reports etc. of existing sites or new sites identified by Local Bodies are to be carried out by the consultant and cost of same is included in the quoted/negotiated fees.

1.4 Submission of Tender / Opening of tender:  
Tender shall be submitted in the office of ZM, EZ NPCC Ltd, 3A, Dr S N Roy Road, Kolkata-700029 by 28/10/11 upto 15.00 Hrs. Tender shall be opened on the same day at 15.30 Hrs. in the presence of intending tenderer or their authorized representatives. Tenders received after due date and time shall not be accepted.

1.5 Earnest Money Deposit (EMD): The earnest money deposit for this work is Rs. 20,000/- (Rupees Twenty Thousand only). The EMD so submitted in the form of Demand Draft, will be adjusted into Security Deposit in case of successful tender and returned in case of unsuccessful tenderers after award of work.

1.6 Validity of offer: 120 (One hundred twenty) days from the date of Submission of tender

1.7 The tender shall be submitted in two Envelopes as follows:

**The Envelope No.1 TECHNICAL BID** will contain the documents specified in NIT (Eligibility Criteria) and EMD of Rs. 20,000/- (Rupees Twenty Thousand only) in the form of DD in favour of NPCC Limited payable at Kolkata. The EMD shall be valid for 120 days. The EMD in any other form shall not be accepted. Conditional tenders shall be treated as non-responsive and rejected.

**The Envelope No.2 Price BID** will contain the unconditional Price Bid duly filled & signed by authorized signatory. Rates are to be filled in the tender document issued & complete tender document to be enclosed in Envelope-2.

Both the Envelopes shall be sealed separately and shall be marked/written respectively as Technical Bid and Price Bid. These 2 sealed envelopes shall be submitted in an outer sealed envelope clearly mentioning the name of work for which the tender is offered.

Engineering Consultancy for the proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar , Kolkata

**NIT No :**

**Due on :**

**From** (Name of the Company)

The Envelope No. 1 shall be opened on its due date & time in presence of the bidders or their representatives who wish to be present. On verification of the Envelope No.1 contents as detailed above, the envelope no. 2 will be opened for which date may be intimated over phone/fax to qualified bidders only. Conditional tenders will be summarily rejected.

If the contents/requirements of the envelope No.1 are not found in order, the envelope No. 2 shall not be opened and offer of that bidder will be rejected.

Special care should be taken to write the rates and amounts in figures as well in words in such a way that any alteration is not possible. The total amount should be written both in figures and in words. In case of figures; the word 'Rs.' Should be written before the figure of Rupees and word 'P' after the decimal *figure e.g. Rs. 2.15p. Rs. 2.15 shall be written as Rupees two and fifteen paisa only.* Unless the rate/amount is in whole Rupees it should invariably be up to two decimal places. While quoting the rates in Bill of quantities, the word "only" should be written closely following the amount and it should not be written in the next line. In case of any discrepancy between the rates/percentage quoted in figures and words, , then the rate/percentage quoted by the contractor in words shall be taken as correct.

The tenders shall be strictly as per the conditions of contract. Tenders with any additional condition(s)/modifications shall be rejected.

- 1.9 NPCC Ltd. reserves the right to accept/or reject any or all the tenders received without assigning any reason whatsoever
- 1.10 It is advised that the consultants should visit the site of work to properly assess the scope of work, before quoting for the tender.
- 1.11 The lowest bidder will be decided on the basis of total sum arrived at with price of Phase(A), Pre award stage by NRIADD & Phase(B) Post award stage by NRIADD taken together. For calculation of the value of Phase(B) ie Post award stage by NRIADD, the execution cost of work to be considered as Rs 4000.00 lacs for evaluation purpose of the tender.

Zonal Manager

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**GENERAL CONDITIONS OF CONTRACT**

**Scope of Work:-**

PRE AWARD STAGE BY NRIADD

(a) Architectural

- Preparation of various possible conceptual layout plans, elevations with architectural view , with possible finishing & utilities for landscaping of the designated location (by NPCC/NRIADD)
- Presentation of the same to NPCC/NRIADD, and finalizing the same as per preference of NPCC/NRIADD .

POST AWARD STAGE BY NRIADD

- Preparation of drawings for submissions to statutory authority for obtaining sanction & to carry out further formalities and obtaining approval from the statutory authority. Necessary interaction in this regard will be the responsibility of the consultant.
- Preparation of tender drawings, BOQ with rates, technical specifications.
- Preparation of working drawings.
- Scrutiny and approval of shop drawings of vendors/contractor for executions.
- Exterior development includes hard landscape works, roads, drains etc.
- As built documentation.

(b) Structural

POST AWARD STAGE BY NRIADD

- Designing and suggesting the most appropriate proposal of structural system.
- Finalization of the proposal in consultation with NPCC/NRIADD.
- Vetting of the structural design from any reputed technical institution.
- Detailed working drawings (RCC & Steel) for all the proposed structures.
- Scrutiny of Bar Bending Schedule and Shop drawings prepared by the vendors/contractors
- Designing of Allied works, such as Machine Foundations based on load data to be supplied by you,

- As built drawings/documentation.

c) Utilities

POST AWARD STAGE BY NRIADD

Design of High side & distribution system for following utilities:

- Plumbing, P.H.E. (water supply & drainage)
- Electrical – Power & lighting distribution for Building/office and street/yard lighting.
- Fire Fighting System
- Compressed Air Distribution system/HVAC system.
- Scrutiny & approval of shop drawings prepared by the vendors/ contractors.

d) Necessary site development.

In POST AWARD STAGE BY NRIADD only

**Statutory Approvals:-** Obtaining all statutory approval will be the responsibility of the consultant. However, necessary statutory fees payable to such authorities will be paid separately by NPCC/NRIADD.

**Submission of Drawing:-**

3 copies of each drawing is to be submitted initially by the Consultant for checking and after incorporation of all correction as suggested by NPCC/NRIADD, Consultant will submit at least 4copies of each drawing for final approval. 5 copies of each working drawing is to be submitted during the construction stage . After completion of all the works Consultant will submit the reproducible tracings on polyester paper of all the drawings along with 5 sets of AS BUILT DRAWINGS & soft copy of all AS BUILT DRAWINGS in CD. Consultant will not be paid any extra cost for submission of all these drawings .Drawing so submitted shall become the property of the corporation.

The Consultant shall be responsible for any alteration of the work due to any discrepancies, errors or omission in the drawing or other particulars supplied by him or due to decisions taken by competent authority at site during execution of work whether such drawing or other particulars have been approved by the employer or not.

**Submission of BILL OF QUANTITY:-**

2 copies of BOQ along with Technical Specification are to be submitted by the Consultant to NPCC for initial checking and approval. After incorporating all the requirements and corrections, Consultant should submit 5 copies of BOQ along with Technical Specification to NPCC Ltd.

**Release of Payments :-**

Payments for consultancy services against different items as mentioned in schedule of items either for “Pre Award stage” or for “Post Award stage” are to be released proportionately on the basis of payment schedule as enclosed. However, 1<sup>st</sup> R/A bill will be released only after deposit of initial security deposit/performance guarantee by the consultant as mentioned under the clause of “Security Deposit” & is subject to

Administrative approval, financial sanction for the work, "Engineering Consultancy services for Construction of proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar , Kolkata" & release of fund by NRIADD there for.

**Service Tax :**

Service tax as applicable to be included by the consultant in his quoted rate & nothing extra will be paid/reimbursed in this regard.

**Income Tax :**

Income Tax and other taxes as admissible will be deducted from each bill of Consultant as per Government statutory rules.

**Security Deposit :-**

ISD (Initial Security Deposit)/Performance guarantee is 5% of the awarded value (including EMD) in the form of Demand Draft in favour of NPCC LTD. Kolkata & to be deposited by the consultant only after issue of Letter of Intent for "Post Award stage" of work. Awarded value of the contract to be initially decided on the preliminary approved estimated amount & performance guarantee to be deposited within 7 days of communicating such value to the consultant by NPCC.

Retention Money @ 5% will be deducted from each RA bill of the consultant, restricted to 10% of the Awarded value including ISD and will be refunded after 12 months from successful completion of the project(completion date as reckoned by NPCC for the work)

**No extra payments :-**

No extra payments for salary, travelling allowance, daily allowances or in any other form will be made to Consultant .Consultancy fees shall remain firm till completion of the work & no price escalation in this regard will be entertained. However, consultant may require to visit site for the preparation of initial drawing or during execution of work in his own interest for which no extra payment will be released to the consultant.

Undertaking site visits or to attend meetings for making presentation , to collect details/data/information required for planning purposes, holding necessary discussions with NPCC/Clients representatives/local bodies and obtaining requirements of the Project and attending meetings with officials of Local bodies/Govt. Authorities/State/NPCC/Central Govt. or any other agency, as and when required shall have to be borne by the consultant and shall be covered within his quoted/negotiated fees and nothing extra shall be payable on this account.

Undertaking site visits or to attend meetings during execution of the project to ensure adherence of execution as per detailed drawings and specifications, including sorting out problems and issue necessary clarifications at site including preparation & submission of additional drawings and details for proper execution of work at site shall have to be borne by the consultant and shall be covered within his quoted/negotiated fees and nothing extra shall be payable on this account. Minimum two no of site visits per month during execution of the work is mandatory on the part of consultant.

Carrying out all modifications / deletions / additions / alternations /in design / drawing / documents as required by Local bodies Authorities/State/ NPCC/ Central Govt. or any other authorities as applicable for proper execution of works at site till completion and handing over of the project to the client.

**Validity of offer :-**

The offer submitted shall remain valid for a period of 120 days from the date of submission of tender.

**Time of Completion :-**

The time of completion of the job is the date of completion of the said project

**Compensation for delay**

The Consultant will be required to complete the entire job within six months from the date of issue of letter of intent for "Post award stage" of work as per time schedule details of which to be decided mutually. No extension of time for completing the same shall be given owing to any variations made in the works by the orders of the clients, unless the clients in consequences of such variations extends the time allowed to NPCC for the completion of the works.

In case the Consultant fails to complete any item work as per the detail time schedule decided mutually, 5%(Five percent) of total fees will be kept withheld from the running account bill which may be released on achieving next time schedule including the previous one . In case of failure in two consecutive milestones, the amount kept with held will be forfeited and shall not be released. NPCC shall be entitled to deduct such damages from the dues that may be payable to the consultant.

**Termination of contract:-**

If at any time during tenure of the contract consultant's performance is found to be unsatisfactory, NPCC reserves the right to terminate the contract without any liability to NPCC. However, both the clause for "Compensation for delay" & "Termination of contract" can be applicable simultaneously at the discretion of Zonal Manager

All the necessary drawings ,design papers, & calculations etc .should be submitted by the Consultant as necessary, well in advance to the Zonal Manager ,NPCC, EZ or his authorized representative for checking and approval. The Consultant must attend during the time of checking by NPCC Engineer , if sought for, so that on-going work at site does not hamper in any way. Consultant must also attend the office of NRIADD or other statutory authority at his own cost for obtaining approval of Drawing & Design ,if required without any extra cost to NPCC.

ZONAL MANAGER

**NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED**

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**SPECIAL CONDITIONS OF CONTRACT**

- 1) The consultant shall be responsible for any alternation of work due to any discrepancy, errors or omission in the drawing or other particulars as supplied by him, whether such drawings or other particulars have been approved by the employer or not. All modification made in the working drawing various stages of actual construction should be incorporated in the drawing.
- 2) All detailed design calculations, list of brought out items proposed to be used with specification & with list of approved manufacture of item wise to be supplied by the consultant.
- 3) All drawings shall be sufficiently detailed and dimensioned to help in speedy execution of the project.
- 4) Timely approval of the drawing from Client shall be the responsibility of the consultant and all visits required in this connection to any place will be at the expense of the consultant.
- 5) Free visits of the Engineers Consultant to site in connection with the collection and information relevant to the consultancy service as well as at the request of Employer will be provided by the consultant.
- 6) The consultant shall associate Employer's (NPCC/NRIADD) engineers throughout the design and drawing and provide with all details pertaining to design including all data and analysis. The consultant shall also make or assist in making all the reports and recommendations as may be contemplated by the terms of reference or as may be reasonably required by the Project Authority within the general scope of this work and shall be at all times co-operate with the employer and/or client, its employees and the agents in the interest of the work.
- 7) All reports, notes, plans, design, estimation, data specifications, statistics and other documents and data prepared and compiled by the consultant while performing the consultancy services shall be the property of Employer, NPCC/NRIADD
- 8) The consultant shall be responsible for the correctness and accuracy of the data, design, drawings, estimation, specifications, bill of quantity and all other documents under this contract of any ;inadequacy is observed in the work during the execution of work and upto the period of 12 months after the completion of works the consultant shall on their own initiative and at no extra cost of consultancy to the Corporation take all steps necessary to remedy/rectify the said defects or inadequacy.
- 9) The consultant shall carry out the services with due diligence and efficiency in a professional manner and in accordance with sound engineering practice designed to promote the purposes of safety and efficient operation of the system and with due regard to the environmental, climate conditions of the site and the obligation of the parties hereto.
- 10) The consultant should submit detailed designs and drawings (described under scope of work) and get the same approved provisionally by the competent authority. Even though the designs and drawings may be approved provisionally by the project Authority for the work to proceed, the consultant will be held responsible for any design defect.
- 11) All detailed design and working drawings will be developed with proper co-ordination and interaction with the equipments and electrical system design, drawings. The detailed design should reflect detailed specifications of the engineering materials and their properties.
- 12) All final design calculations shall be based on soil characteristics and hydrological data of the area.

- 13) The details of all RCC/Brief work/Structural steel members in all civil works shall be based on full supporting design calculations, as per IS Codes of practice. These details interalia, shall provide all construction parameters including identification of reinforcement bars in respect of number and diameters. Bar bending schedule, the details materials lists and specifications of works shall be provided by consultant. Detailed working drawings will interalia, include, general arrangement drawings, showing plans at different levels with sectional elevations.
- 14) The consultant shall incorporate all the modifications of changes desired by client in the plans, reports, designs, drawings, estimate, specification, etc. without charging extra amount, before final approval.
- 15) The consultant shall prepare and give presentations on the schemes as and when required by NPCC/Client on any part of India & submit models and perspective views of the complete scheme as per requirement of NPCC/Client.
- 16) The consultant shall be responsible for the safety of building and structures designed by them for the period of 12 months after the completion of the work i.e. construction of the building and structure.
- 17) The design and drawings for all works shall conform to all relevant Indian Standards Specifications and/or standard code of practice. Where no Indian Standards are available, equivalent international standards, and generally accepted engineering practices should be followed. Deviation from ISI recommendation and adoption of other codes or practice will require approval of the employer.
- 18) Should any defect or inadequacy appear in the study carried out and report submitted by the consultant prior to the date of final acceptance of the work by the employer, the consultant shall perform at its own initiative and free of any cost to Employer, all such services as shall be necessary to remedy the said defect or inadequacy.
- 19) Work to be executed in two phases, Pre Award Stage by NRIADD ie works to be executed by consultant prior to Administrative approval & Financial sanction by NRIADD for the work in favour of NPCC & Post award stage ie works of the consultant after the work is approved in favour of NPCC.
- 20) Once the bidder is found to be placed lowest as per clause no 1.11 of the Instruction to tenderes, a Letter of Intent for pre award stage will be issued in favour of the bidder requesting to go ahead with his stipulated scope of work & time of completion but without mentioning any value of work.
- 21) Once the Administrative approval & Financial sanction is conveyed, Letter of Intent will be issued for post award stage mentioning the value of work of the consultant arrived at with the execution cost sanctioned by NRIADD & amount of performance guarantee to be deposited. On submission of performance guarantee Work Order in favour of the consultant will be issued for which consultant has to purchase five copies of tender document from NPCC each costing the amount as mentioned in the NIT against cost of tender document.
- 22) 5% of the fee payable to the consultant shall be retained from the running bills as "Retention Money", in addition to the performance guarantee and the same shall be released to the consultant after defect liability of the project on completion and handing over of work to clients by NPCC.

- 23) The Consultant undertakes to design, redesign, modify and make changes in the designs, drawings, details etc. till they are finally approved by clients and as required for execution, defect liability period and handing over of the project to clients, as stipulated in the scope of work within the quoted/negotiated consultancy fees.
- 24) If at any time after start of work, the client decides to abandon or reduce the scope of work for any reason whatsoever and hence not required the whole or any part of the works to be carried out, the NPCC shall give notice in writing to this effect to the Consultant and the consultant shall have no claim for any payment of compensation, or otherwise whatsoever, on account of any profit or advance which he might have derived from the execution of works in full but which he did not derive in consequence of the foreclosure of the whole or part of the work.
- 25) NPCC is acting as an Implementing Agency/ Project management Consultant on behalf of NRIADD. Hence any payment towards any claim of the consultant if not considered/paid by the above authorities shall not be paid to the consultant.
- 26) The rate quoted by the Consultant shall be deemed to inclusive of Sales Tax, Turnover Tax, Work Contract Tax, service tax or any other similar tax applicable under the existing laws or levy by the statutory authorities/state/central govt. The statutory deduction of income tax or other taxes/dues if applicable shall be made from the payment released to the Consultant from time to time and the same are deemed to be included in the Consultants fees.
- 27) Whether any claim or claims for payment of money arises out of or under the contract against the Consultant, the NPCC shall be entitled to withhold and also to have a lien to retain in whole or in part, the security deposit, performance guarantee and or to withhold and have a lien to retain in part or full the payments .due to the consultant, or any claims of the consultant, so as to cover the claimed amount till the claim arising out of or under the contract is determined by the competent court.
- 28) Recovery/Penalties can be done / recovered from the consultancy fee/EMD/BG of the other works that the consultant is doing or would be doing for NPCC at that time.
- 29) All the documents submitted as part of the bid shall be duly signed and stamped by the authorized person of the consultant.
- 30) All the payments due to the consultant shall be made by cheques.
- 31) Arbitration:- Deleted
- 32) Jurisdiction:-The courts in Calcutta alone will have jurisdiction to deal with matters arising there from, from this contract, to the exclusion of all other courts.
- 33)** The Consultant shall fully indemnify the NPCC from and against all claims and proceedings for or on account of any infringement of any patent right, design, trade mark or name or other protected rights in respect of any construction plant, machinery work or material used for in connection with the work or temporary works.

**ZONAL MANAGER**

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**Name of Work:-** Engineering Consultancy services for Construction of proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar , Kolkata

**PRICE SCHEDULE**

Sl no	DESCRIPTION OF ITEMS	Lump Sum(Rs)
1	<b>A) <u>PRE AWARD STAGE BY NRIADD</u></b> Preparation of various possible conceptual layout, plans, elevations with architectural view, with possible finishing & utilities . presentation of the same to NRIADD and finalizing the same in consultation with NPCC/NRIADD	
2	<b>B) <u>POST AWARD STAGE BY NRIADD</u></b>	Rate(in % of the execution cost of work) (Only one percentage to be quoted for item no 2.01 to 2.06 taken together)
2.01	Detail survey of the entire demarcated area by ‘Total Station’ including providing permanent bench marks at locations as desired & also reference pillars for future construction. Digital drawing in this regard to be prepared & submitted to NPCC in soft copy(one) & hard copy(five) showing contour of the area at every 5.00 m interval, existing roads, trees, boundary walls , services & other features as required/desired.	
2.02	Preparation of drawings(as required) for submissions to various statutory authorities, submission of the same to the concerned authorities & obtaining NOC/approval from all such statutory authorities, as required by law prior to taking up construction.	

2.03	Preparation of tender drawings, BOQ with rates as per prevailing DSR/market rate, complete technical specifications of civil works as well as utilities for the building, list of probable vendors, Quality control schedule etc				
2.04	Preparation of foundation & Structural design of super structure, vetting the same from any reputed engineering college & submission of construction drawing to NPCC.				
2.05	Preparation of detail utility drawings & submission of the same to NPCC for construction.				
2.06	Preparation & submission of all Final Drawings including Tracing after incorporation of all modification and revision during construction.  (ie as made drawing)				
3	Description of Item	Unit	Qty	Rate	Amount
3.01	Geo-technical investigation upto required depth as required, for design of foundation etc & submission of the same to NPCC.	R/M	150		

**NB:- CONSULTANTS TO QUOTE THEIR RATE IN THIS SHEET**

ZONAL MANAGER

**NATIONAL PROJECTS CONSTRUCTION CORPORATION**  
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**Name of Work:-** Engineering Consultancy services for Construction of proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar , Kolkata

**PAYMENT SCHEDULE**

Sl no	DESCRIPTION OF ITEMS	
1	<b>A) <u>PRE AWARD STAGE BY NRIADD</u></b> Preparation of various possible conceptual layout, plans, elevations with architectural view, with possible finishing & utilities, presentation of the same to NRIADD and finalizing the same in consultation with NPCC/NRIADD	After issue of letter of Intent for “post Award stage” & deposit of performance guarantee by the consultant.
2	<b>B) <u>POST AWARD STAGE BY NRIADD</u></b>	
2.01	Detail survey of the entire demarcated area by “Total Station” including providing permanent bench marks at locations as desired & also reference pillars for future construction. Digital drawing in this regard to be prepared & submitted to NPCC in soft copy(one) & hard copy(five) showing contour of the area at every 5.00 m interval, existing roads, trees, boundary walls , services & other features as required/desired.	<b>10.00 % of the professional fees</b>
2.02	Preparation of drawings(as required) for submissions to various statutory authorities, submission of the same to the concerned authorities & obtaining NOC/approval from all such statutory authorities, as required by law prior to taking up construction.	<b>15.00% of the professional fees</b>
2.03	Preparation of tender drawings, BOQ with rates as per prevailing DSR/market rate, complete technical specifications of civil works as well as utilities for the building, list of probable vendors, Quality control schedule etc	<b>25.00 % of the professional fees</b>

2.04	Preparation of foundation & Structural design of super structure, vetting the same from any reputed engineering college & submission of construction drawing to NPCC.	<b>25.00 % of the professional fees</b>
2.05	Preparation of detail utility drawings & submission of the same to NPCC for construction.	<b>10.00 % of the professional fees</b>
2.06	Preparation & submission of all Final Drawings including Tracing after incorporation of all modification and revision during construction.  (ie as made drawing)	<b>15.00 % of the professional fees</b>
3.01	Geo-technical investigation upto required depth as required, for design of foundation etc & submission of the same to NPCC.	On completion of the work & submission of report to NPCC.

**NB:-** Professional fees is the amount payable to contractor & to be calculated based on **“Execution cost of the work.” ie final cost of the project. Execution cost is the cost of final amount paid to contractors in connection with “Engineering Consultancy services for Construction of proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar , Kolkata” for NRIADD for which the consultant has rendered his services .** Interim/provisional payments will be released to consultant for item 2.01 to 2.03 on approved preliminary estimated amount. The approved preliminary estimated amount will be regularized against approved final estimated amount. In no case the payable amount on account professional fees will exceed the amount to be calculated on final cost of the project ie total amount payable to the consultant will be limited to the professional fees as mentioned above & is always adjustable against performance guarantee or any amount due to the consultant under this contract or from any other contract or any other units of the corporation.

**ZONAL MANAGER**

**NATIONAL PROJECTS CONSTRUCTION CORPORATION**  
**LTD**  
**( A GOVT. OF INDIA ENTERPRISE)**

**Name of Work:-** Engineering Consultancy services for Construction of proposed eight storey building at National Research Institute of Ayurvedic Drug Development at sector-V, Bidhannagar , Kolkata

**TIME SCHEDULE**

Sl no	DESCRIPTION OF ITEMS	
1	<b>A) <u>PRE AWARD STAGE BY NRIADD</u></b> Preparation of various possible conceptual layout, plans, elevations with architectural view, with possible finishing & utilities, presentation of the same to NRIADD and finalizing the same in consultation with NPCC/NRIADD	Within 21 days from the Date of issue of letter of intent for “Pre Award stage” of work
2	<b>B) <u>POST AWARD STAGE BY NRIADD</u></b>	
2.01	Detail survey of the entire demarcated area by ‘Total Station” including providing permanent bench marks at locations as desired & also reference pillars for future construction. Digital drawing in this regard to be prepared & submitted to NPCC in soft copy(one) & hard copy(five) showing contour of the area at every 5.00 m interval, existing roads, trees, boundary walls , services & other features as required/desired.	<b>Scope of work under this stag(item no 2.01 to 2.06 , item no:-3.01, to be completed within six months from the date of issue of Letter of intent for “Post award stage” of work” However, further break ups(mile stones)to be decided after administrative approval of the work by NRIADD, mentioning time of completion as allowed by them</b>
2.02	Preparation of drawings(as required) for submissions to various statutory authorities, submission of the same to the concerned authorities & obtaining NOC/approval from all such statutory authorities, as required by law prior to taking up construction.	
2.03	Preparation of tender drawings, BOQ with rates as per prevailing DSR/market rate, complete technical specifications of civil works as well as utilities for the building, list of probable vendors, Quality control schedule etc	

2.04	Preparation of foundation & Structural design of super structure, vetting the same from any reputed engineering college & submission of construction drawing to NPCC.	
2.05	Preparation of detail utility drawings & submission of the same to NPCC for construction.	
2.06	Preparation & submission of all Final Drawings including Tracing after incorporation of all modification and revision during construction.  (ie as made drawing)	
3.01	Geo-technical investigation upto required depth as required, for design of foundation etc & submission of the same to NPCC.	Within 30 days from the Date of issue of letter of intent for "Post Award stage" of work

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