

राष्ट्रीय प्रतिरक्षाविज्ञान संस्थान

**NATIONAL INSTITUTE OF
IMMUNOLOGY**

Aruna Asaf Ali Marg, New Delhi 110067

(Ph. No. 011-26717121-45 & 26717010-19)

**TENDER DOCUMENT
FOR**

**Up gradation works in Old SAF and Wild
Mice Facility at NII,
New Delhi**

NATIONAL INSTITUTE OF IMMUNOLOGY

Aruna Asaf Ali Marg, New Delhi 110067

NII/EE/Civil/NIT/18-19/36

Date: 28.12.18

Notice Inviting Tender

Sealed tenders are hereby invited in two parts, (I –Technical Bid and II - Price Bid) on behalf of the Director, NATIONAL INSTITUTE OF IMMUNOLOGY, Aruna Asaf Ali Marg, JNU Campus, New Delhi-110067 for the work of “**Up gradation works in Old SAF and Wild Mice Facility at NII, New Delhi**” from financially sound and specialised firms/companies/contractors/agencies, and those who are fulfilling the pre- qualification criteria, scope of work and General Terms & Conditions. Tender document is available on the Institute’s website **www.nii.ac.in & CPPP**

Name of Work	: - Up gradation works in Old SAF and Wild Mice Facility at NII, New Delhi.
Estimated Cost	: - Rs. 22,69,000/-
Earnest Money	: - Rs. 56,725/-
Last Date of sale of tender	: - 14.01.2019
Last date of receipt of tender (Both Technical & Price Bids)	: - 16.01.2019 (up to 3:00 PM)
Date of opening of tender (Technical Bid only)	: - 16.01.2019 (at 3:30 PM)
Time for completion of job	: - 105 days
Cost of tender document	: - Rs 500/- (Non- refundable)

However, in order to promote wider participation and ease of bidding, no cost of tender document will be charged for the tender document downloaded by the bidders)

Prequalification criteria:

- Agency must produce definite proof from appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed independently at least three similar works each costing not less than Rs. 9.08 lakh or Two similar works each costing not less than Rs. 11.35 lakh or One similar work costing not less than Rs. 18.15 lakh of estimated value [similar works means Granite/Kota flooring, PVC floor, aluminium work, false ceiling, wooden work, stainless steel work, painting works etc.] in any Central Govt./States Govt./PSU/Autonomous Bodies/Reputed laboratory institutes and other Govt. Department etc during the last Seven financial years. This may be inspected (at the risk and cost of participating company) by the Competent Authority of NII, if required. Tenders shall be submitted with all supporting documents i.e. Completion certificate, schedule of work/Bill of Quantity etc. **In case of short fall of any supporting documents, tender will summarily be rejected.**

- b) The company should have competent personnel stationed in the office/service centre in Delhi/NCR.
- c) (i) Company should have a valid GST No. and has to attach a copy of this.
- (ii) The company shall attach copy of PAN card along with copy of ITR for last three year (2015-16, 2016-17 & 2017-18)
- d) **An affidavit on a e-stamp paper of Rs. 50/- (duly notarized) to the effect that the company undertakes that:**
- (i) **The documents submitted by the company are genuine and undisputable and in the event of it coming to notice at a later date that the documents are not genuine, company shall be liable for criminal action and such compensation payable to NII as may be decided by the Institute.**
- (ii) **The company will not withdraw his/their Tender after opening of Technical Bid and if done so; his/their EMD may be forfeited.**
- (iii) **The company will not sublet or subcontract the work.**
- (iv) **The company has not been blacklisted during last three years by any of the Govt. Depts./Govt. Institutions etc.**
- (v) **The bidder is also Partner/Proprietor/Promoter/Director in other company/firm and also authorized to operate their bank account as indicated below:-**

S.No	Name of Company/Firm	Status of Bidder in the company/firm	Name of Bank and account number in which bidder is authorized to operate
(1)	(2)	(3)	(4)

Copy of all documents of pre-qualification criteria and as asked for in the tender may be attached with the Technical Bid ONLY. In case of short fall of any documents/cost of tender/EMD, tender will summarily be rejected and no queries will be entertained in this regard. Decision of the NII authority shall be final in this regard. The offer shall remain open for at least 90 days from the date of opening of Price Bids. Earnest Money shall be accepted only in the form of Demand Draft/Pay order drawn in favour of the 'Director, NII' & payable at New Delhi, failing which the bid will summarily be rejected.

Executive Engineer, NII

INTRODUCTION:

National Institute of Immunology is a Premier research Institution under the administrative control of the Department of Biotechnology, Ministry of Science & Technology, Govt of India. Institute has planned to take over the up gradation of its old small animal facility and Wild Mice Facility.

SCOPE OF WORK:

Very high quality internal finishing with granite/ kota flooring, PVC floor, tiling work, aluminium work, stainless steel work, wooden work, false ceiling, painting works etc.

We are looking for contractors having expertise in this field. The profile of the contractor would be well established firm with proven techno economic capacity, competence and managerial capacity for execution of jobs adhering to time schedule and conversant with work specifications and standard code practices etc. with a team of experienced technical staff, resourceful with trained workforce, requisite machinery equipment, tools and tackles. The contractors meeting the given prequalification criteria may only apply.

As works have to be got done in fully functional building, necessary steps have to be taken for having least disturbances. Malba etc. to be removed in bags so that cleanliness in the surrounding can be maintained.

There are a total of four floors in the fully functional building /facility. Only one floor will be given for execution of works at a time. On completion of works in the given floor, other floor will be handed over for execution.

Labour will not be allowed to stay in the campus.

Copy of all documents of pre-qualification criteria and as asked for in the tender document may please be attached with the technical bid ONLY. In case of short fall of any documents/demand draft, tender will summarily be rejected and no queries will be entertained in this regard. Decision of the NII authority shall be final in this regard. ALL DOCUMENTS PERTAINING TO THE REQUIREMENT OF THE PREQUALIFICATION CRITERION WILL BE FURNISHED IN THE TECHNICAL BID ENVELOPE ONLY.

The envelopes should be super subscribed (super scribed) clearly with Name of work and 'TECHNICAL BID'/'PRICE BID', providing name(s) and postal address of the Contractor with Phone/Mobile/Fax numbers and e-mail address if any.

GENERAL TERMS AND CONDITIONS

Name of Work: - Up gradation works in Old SAF and Wild Mice Facility at NII, New Delhi

1. The work shall be carried out strictly in accordance with scope of work as given in the Tender document and as directed by Engineer - in -Charge.
2. The representative of the Company/Agency may visit/examine the site and its surrounding on any working day by taking prior appointment with the Engg-in-Charge to assess the accessibility and assess the scope of work before submitting their offer. No claims later on, in regard to the site and its surrounding or any matter relating to this job shall be entertained. The companies shall arrange & maintain at his (their) own cost all materials, Tools & Plants, security (for their men/materials), storage for material and facilities to the workmen for executing the work.
3. Earnest Money Deposit (EMD) of Rs. **56,725/- (Rupees Fifty Six thousand Seven hundred twenty five only)** has to be enclosed along with the Technical Bid (Part-I). The EMD shall be only in the form of Demand Draft drawn in favour of "Director, NII", payable at New Delhi, along with the Technical Bid, failing which the bid will summarily be rejected. **No Cheque / Cash shall be accepted as EMD.**
4. (a) The tenderers shall attach copy of GST registration.
(b) Tenderer shall attach copy of PAN card and copy of ITR for last three years
5. Duly sealed tenders shall be dropped in the tender box placed at the reception counter of the Main Institute building. **Technical Bid MUST** contain one Xerox copy of the unfilled bid document duly signed and stamped on each page as a token of acceptance of all terms and conditions /clauses of the tender enquiry.
6. The conditional bid shall not be considered under any circumstances and rejected without any notice or assigning any reasons therefore.
7. All bids shall be the property of NII and bidders will lay no claim whatsoever on the same.
8. Director, NII reserves the right to reject any or all the tenders in full or in part without assigning any reasons whatsoever, and the decision of the Institute in this regard will be binding on all the bidders. Tenderers not complying with any of the provisions stated in this tender document are liable to be rejected. Director, NII reserves the right to accept or reject any tender without assigning any reason and does not bind himself to accept the lowest tender.
9. No advance payment shall be allowed.
10. **Payment shall be made to the agency on the basis of actual work measured and completed satisfactorily.**
11. No T & P shall be provided by the Institute.
12. Income tax as applicable shall be deducted from the contractor's bill as per Govt. of India rules.
13. Successful bidder shall deposit an amount equal to 10 % of the tendered and accepted value of the work as performance guarantee within 10 days of issue of letter. **The performance guarantee shall remain valid for a period of sixty days beyond the date of completion of defect liability period of one year. It should be in the form of DD/FDR/BG in favour of Director, NII.** Earnest Money Deposited by the successful bidder shall be released after submission of performance guarantee equal to 10 %.

14. No escalation in any form either in material or labour shall be payable by the Institute.
15. In case the successful bidder resiles from the offer within the validity of tender, the earnest money will be forfeited. Similarly if successful bidder fails to commence the work within 10 days after issue of award letter, the amount of earnest money will also be forfeited.
16. Any violation of instruction/agreement or suppression of facts will attract cancellation of agreement without any reference or any notice period and in such case the amount of earnest money will be forfeited.
17. Director, NII reserves the right to terminate the contract without any reference or any notice period on account of poor workmanship, non-compliance of set norms/specifications for the works, delay in progress of work, violation of any contract provisions by the contractor, failure to start the work at NII, within 10 days from date of issue of Letter of Intent (L.O.I). In such cases, the contractor is liable to pay Liquidated Damages @ 5% of tendered value besides forfeiting performance guaranty /security deposit/EMD.
18. Decision of Director, NII in regard to interpretation of the terms and conditions and the Agreement shall be final and binding on the Agency.
19. The tenderer shall be solely responsible for any accident/medical/health related liability/compensation for the personnel deployed by it at NII. The NII shall have no liability in this regard.
20. The personnel provided by the firm will not claim to become the employees of NII and there will be no Employee and Employer relationship between the personnel engaged by the Agency and NII.
21. Workers of the firm shall be appointed by the firm and shall be under the direct and exclusive control and supervision of the firm and the firm will ensure that all reasonable directions and instructions given by NII in regard to the performance of the services required under the contract are fully complied with by the firm and their workers.
22. Time allowed for completion of work shall be 105 days which shall be reckoned from seventh day from the date of award letter or letter of intent.
23. Time allowed for the work shall be strictly followed otherwise the company shall be liable to pay compensation at the rate of **1.5%** of the tendered value of the work per week of delay on the part of the company subject to a maximum of **10%** of the total tendered value of work. The decision of competent authority of NII or the Director, NII on the delay shall be final and binding.
24. **Quantities as given in the schedule of work may increase or decrease as per the actual site requirement. Payment will be made on successful completion and satisfactory performance of the actual executed and measured work. No claim of the agency will be entertained in this regard.**

25. The Engineer- in-charge without prejudice to any other right or remedy against the company which have either accrued or accrue thereafter to the Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the Company/Agency.
26. Water & electricity required for the job shall be made available by the Institute on chargeable basis. **1 % of the total work done value will be recovered from bill of the agency against supply of water & electricity.** Necessary piping, valve, wiring, cabling, lamps, switches & sockets, main switches, halogen/tube light fitting and tapping from existing line / connection including labour have to be arranged by the company at their own risk & cost.
27. The company shall supply materials at site with manufacturers test certificate and challan as desired by the Engineer-in-charge.
28. All materials brought at site shall be got approved by the Engineer-in-charge before being used. If rejected, the same shall be removed immediately. The material of only approved make shall be brought at site.
29. The company shall depute their own security staff for watch and ward of their materials supplied/ installed at site till the final handing over of the complete work and temporary lockable shed/Almirah etc. shall be arranged by the Company/Agency at his own risk and cost. No accommodation/ staff/ lockable space will be provided by NII under any circumstances.
30. The work done beyond **100%** deviation limit or an extra item, the rate shall be worked out based on prevailing market rate of the area. Also during the execution of work, the company may be required to execute certain additional/extra items in order to complete the job/works beyond the BOQ for which no rates are available. As far as possible, the rates shall be derived from nearest acceptable tender rates. The rate of extra/substitute items shall be as per a rate analysis to be prepared by the company, based on prevailing market rates (1) cost of material (2) cost of direct labour (3) company over head , duly approved by NII before execution of work.
31. No tent or hut shall be allowed to be put up for workers to stay within the campus. The contractor is deemed to have inspected the site and thoroughly acquainted himself with the site conditions, availability of storage space for materials etc. before the commencement of work.
32. It may here be noted; that the entire staff and labour of the company will follow all the security instructions issued by the NII from time to time and these instructions may include the provisions to make suitable barricades or temporary wall fence to ensure that the labour confines itself to the area of the work **ONLY**. Serious action will be taken in case any of the company's workmen are found to be tampering with the Laboratory equipment and property of the NII. Suitable damages will be recovered from the company's bills if anyone is found to do so. All decisions of the Engineer-In Charge in respect of the same will be final and binding on the company.

33. On completion of all work, company shall remove (before handing over the completed work to Engineering Division) all surplus materials & leave the site in a broom condition, failing which the same shall be done at company's own risk & cost.
34. Company shall be responsible for disposing off the all old dismantled waste materials away from the campus. The disposal of such materials shall be done immediately after completion of work at own risk & cost.
35. The work shall be guaranteed for one year from the date of actual completion of the work for both material as well as workmanship.
36. Agency shall depute an Engineer for full time supervision of on going work till the completion of work.
37. The company shall ensure compliance of all statutory laws & bye laws of the Central Govt./ State Govt./Municipal Authorities related to the employment of their staff and all obligations under Minimum Wage Act, Workman Compensation Act, Provident Fund & Miscellaneous Provision Act, Bonus Act & Contract Labour Act 1970 etc. NII will not be responsible for such purposes in anyway.
38. Any claim, dispute or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations, shall be referred to sole Arbitration or an Arbitrator to be appointed by Director, NII. The award of the Arbitrator shall be final and binding between the parties as per the terms and conditions of the Agreement to be executed on award of contract. The Arbitrator proceeding shall be governed by the Arbitration and Conciliation Ordinance dated 26th March, 1996 and shall be conducted in Delhi
39. The agreement drawn shall be subjected to the jurisdiction of the Courts at Delhi.

Executive Engineer, NII

GENERAL CONDITIONS FOR SUBMISSION OF TENDER

1.0 Submission of Tender:

Tenders should be submitted in sealed envelopes in two parts separately, i.e. "Technical Bid" (Part-I) and "Price bid" (Part-II). Both the parts should Further be sealed in an envelope super-scribing name of work, due date for opening, bidders name & address. The tender duly filled in should be sent to above mentioned address either by post or hand delivered in the tender box kept in the area of reception, NII after ensuring that due entries are made in the register kept at the counter. NII will not be responsible for tenders lost in postal transit or otherwise. Any clarifications / amendments / corrigendum etc., to NIT before last date of submission of bid will be available on our website www.nii.res.in & **CPPP** Bidders are therefore advised to keep visiting our website. It should not be handed over to any employee of the NII. No tender shall be accepted later than the time schedule specified above. Tender once submitted by bidder will remain with the NII and will not be returned to the bidder.

2.0 Technical Bid (Part-I) :

In this bid, the bidder should submit his company profile, organizational setup, credentials, list of plant, machinery & tools in his possession. The bidders are required to attach entire NIT (except the price bid part) duly signed & stamped as a token of acceptance of NIT conditions with this bid. NII reserves the right to visit the working site mentioned by bidders to find out the quality of services rendered. The following documents are essentially to be submitted by bidder with Technical Bid for qualifying.

Earnest Money Deposit (No exemption on EMD) of Rs. 56,725/- (Rupees Fifty Six thousand Seven hundred twenty five only).

Entire NIT & other tender documents duly signed & stamped by the bidder.

All documents as asked for in the prequalification criteria.

Copy of GST Registration, PAN card & ITR for last three years

Bidder has to give a certificate that they have not been black listed by any Deptt./Unit etc.

Price Bid (Part-II):

In this bid, bidder is required to quote item rates/prices for the work of "Up gradation works in Old SAF and Wild Mice Facility at NII, New Delhi." in the schedule of work attached. The scope of work is provided for your reference.

The bidders should quote unconditional rates, neatly written without any overwriting and duly signed & stamped in all pages.

Earnest Money :

An earnest money of **Rs. 56,725/- (Rupees Fifty Six thousand Seven hundred twenty five only)** has to be enclosed along with the Technical Bid (Part-I). The EMD shall be only in the form of Bank Draft in favour of "Director, NII", payable at New Delhi. No Cheque / Cash shall be accepted as EMD. EMD of technically disqualified bidders will be returned within 15 days from the date of evaluation of the Technical Bids.

Validity of Tender:

Tender shall be valid for our acceptance without any change in rates and NIT conditions for a period of 90 days from the date of opening of financial Bid.

Executive Engineer, NII

Declaration by the Tenderer

This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them.

Encl:

1. DD/Pay Order No.....
2. Terms & conditions (**each page signed and stamped with the seal**)
3. Financial Bid.

(Signature of Tenderer with seal)

Name:

Address:

Date:

Contact No:

NOTE: Submission of all the documents mentioned above along with declaration, is mandatory. Non submission of any of the documents above will render the bid to be rejected.

Certificate/Undertaking

a) Certified that I / we have visited the site on ----- and assessed the nature and amount of work involved before submitting our offer. We will be able to complete the work within stipulated time and will execute the works to suit the site conditions.

b) I undertake that I / we have visited the place for the work of “Up gradation works in Old SAF and Wild Mice Facility at NII, New Delhi.

”, and noted the entry door / approach sizes/quantities, floor space, existing electrical connections etc.. Materials supplied by us will be suitable for installation in the existing location / condition with sufficient space all around. No extra cost will be claimed by me later for any difficulties/modifications involved for total installation of all the systems as mentioned in the tender. I also understand that the work is related with **already operating/functional areas**, so we are ready to work in day / night hour subject to availability of site/space.

(Signature of Company/Firm) :

(NAME) :

(SEAL) :

Note: Above certificate/ undertaking is to be given on the Letter Pad of company.

APPROVED LIST OF MAKES

1. Gypsum Board False ceiling - India Gypsum, LAFARGE (LaGyp)
2. Aluminium Sections - Jindal, Indalco, Hindalco
3. Aluminium Hardware Fittings - Dorset, Godrej, Hardiva, Bolt
4. Plain Glass - Saint gobain, Modiguard
5. Pre-laminated Board- Novapan Industries, Kitply, Greenlam, Action Tesa
6. Door Closer - Door king, plaza
7. Ceramic Glazed Tiles - Asian, Orient, Nitco, Somany, Kajaria, Bell Granito,
8. H&R Johnson (I) Ltd
9. Plastic Paint - Asian, Berger, Garware, ICI Dulux

Executive Engineer, NII

Schedule of Rates/Price Bid

S.No	Description of item	Qty	Rate	Amount
01	Demolishing of R.C.C. work manually/ by mechanical means and disposal of unserviceable material within the campus as per direction of Engineer - in- charge.	5 Cum		
02	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within the campus as per direction of Engineer-in-charge. In cement mortar	10 Cum		
03	Dismantling old plaster/small tiles raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within the campus	100 Sqm		
04	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	100 Sqm		

C/o

05	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per directions of Engineer-in-charge i/c dismantling of existing windows and shutters etc. (Glazing, paneling to be paid for separately)</p>			
	<p><u>For fixed portion:</u> Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)</p>	<p>250 Kg</p>		
	<p>For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and providing and fixing of fittings such as handles, stopper, lock etc wherever required including the cost of EPDM rubber / neoprene gasket required Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)</p>	<p>250 Kg</p>		

B/f

06	<p>Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc.complete as per directions of Engineer-in-charge.</p> <p>Pre-laminated particle board with decorative lamination on both sides</p>	20 Sqm		
07	<p>Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) With float glass panes of 5.50 mm thickness</p>	50 Sqm		
08	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels</p>			

C/o

B/f

	<p>45x15x0.9 mm running at the spacing of 1200 mm center to center, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills,diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge including the cost of plastic painting as required with 12.5 mm thick tapered edge gypsum moisture resistant board</p>	<p>180 Sqm</p>		
--	--	---------------------------	--	--

C/o

B/f

09	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	300 Sqm		
10	Providing and laying Polished/flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building as well as steps (Treads & risers), all complete as per the architectural drawings, with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand), laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	100 Sqm		
11	Kota stone slab flooring with mosaic strips as per existing pattern or as approved over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	100 Sqm		

C/o

B/f

12	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of thickness 5.5 mm	10 Sqm		
13	Wall painting with premium acrylic emulsion paint/ enamel paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	1500 Sqm		
14	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete	30 No		
15	Providing & fixing door closer of approved make (Plaza/Doorking)	30 No		
16	Grinding & polishing of the existing mosaic floor & skirting mechanically and manually with all T&P, labour etc complete as required.	100 Sqm		
17	Providing & Fixing stainless steel angle 304 grade size of angle 35x35x3 mm fixing with necessary screws, PVC fastener and complete as per site requirement	100 Meter		
18	Scrapping the existing paint from door shutter, cutting the shutter from bottom surface if required to accommodate PVC and P&F approved 1mm thick sunmica on both side of the shutter with lipping , new hinges complete with all T & P and labour as required	150 Sqm		

C/o

B/f

19	Providing and fixing 18 gauge stainless sheet 304 grade size of the sheet 1200x230mm, fixing with necessary screw and glue and complete as per site requirement.	70 No		
20	Providing and fixing homogeneous polyvinyl Chloride sheet in flooring and skirting in approved pattern on a smooth and damp proof base using rubber based adhesives of approved quality and manufacture like Dunlop S-758, Fevicol SR 998 or equivalent including rolling with light wooden roller weighing about 5 kg all complete as directed by Engineer-in-charge, in approved colour and shade,			
	(a) 2mm thick sheet (Royal House)	200 Sqm		
	(b) 1.6mm thick sheet (LG)	600 Sqm		
21	Providing and fixing wooden shutters hinge operated/sliding with frame made of 65 x 30 mm thick soft wood frame, 19mm thick commercial board, 1mm thick sunmica inside and outside of the shutters, teak wood margin edging and complete with all hardware handles, hinges, locks, magnetic catchers and painting/polishing work as required.	25 Sqm		

Amount Rs.

GST Amount Rs. _____

Total Amount Rs.

In words:

Executive Engineer, NII