

**TENDER NOTICE FOR  
“UP-GRADATION WORKS IN NIB CAFETERIA”  
IN NIB CAMPUS NOIDA.**

**Tender No. 08/2016-2017/Engg. (Civil)**

**SCHEDULE OF BIDS**

1	Period of issue / download of Tender document	26.04.2016 to 17.05.2016
2	Last Date & time of submission of Tenders	18.05.2016 at 3:00 P.M
3	Pre Bid meeting	12.05.2016 at 3:00 P.M
4	Date & time of Opening of Technical Price Bids	18.05.2016 at 4:00 P.M
5	Opening of Price Bids	To be intimated separately only to technically qualified bidders.
6	Tender Fee	Tender document available free of cost.

Name of bidder	
Address of Bidder	
Phone Nos.	i- Landline Nos. ii- Cell Nos.
E-mail Id	
Contract Persons & their mobile nos.	i- ii- iii-

**APRIL – 2016**



**NATIONAL INSTITUTE OF BIOLOGICALS**

*(Ministry of Health & Family Welfare)*

**A-32, SECTOR- 62 (INSTITUTIONAL AREA),**

**NOIDA - 201 307 (U.P)**

**Tel: 0120-2400022, 2400072, Fax: 0120-2400074, 2403014**

**e-mail: [info@nib.gov.in](mailto:info@nib.gov.in)**

**Website: [www.nib.gov.in](http://www.nib.gov.in)**



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## **NOTICE INVITING TENDERS**

Tender No. 08/2016-2017/Engg. (Civil)

**Invitation to Tenders for “Up-gradation works in NIB Cafeteria” in NIB campus Noida.**

Sealed tenders are invited from experienced civil work contractors on the attached tender form for **“Up-gradation works in NIB Cafeteria”** in NIB campus Noida. Bidders are advised to quote competitive rates for this work, on the enclosed tender format including all taxes, duties, labour, T & P etc. required for proper completion of the work. The tender document can be down loaded free of cost from NIB Website [www.nib.gov.in](http://www.nib.gov.in) or Central Procurement Portal of Govt. of India.

Sealed tender should be dropped in NIB’s tender box on or before the closing date, i. e. **18.05.2016** up to **3:00 P. M.** and techno- commercial bid shall be opened on the same day at **4:00 P.M.** in presence of the representatives of the bidders, who are present during opening of the tenders. Late tenders will not be received and treated as rejected.

**(Dr. Reba Chhabra)**  
**i/c Dy. Director (Admin.)**



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Tender No. 08/2016-2017/Engg. (Civil)

**Invitation to Tenders for “Up-gradation works in NIB Cafeteria” in NIB Campus Noida”.**

**Introduction:**

“National Institute of Biologicals (NIB) is an autonomous institution under the Ministry of Health & Family Welfare, Government of India established on 27<sup>th</sup> January, 1992 and is to be the Central Drugs Laboratory for quality control of all indigenously produced and imported biological products. Presently, five laboratories of the Institute are notified as Central Drugs Laboratory under provision of Drugs & Cosmetics Act and Rules. Institute plays a vital role in collaboration with CDSCO to Standard Quality Biologicals reaching the consumer, thereby promoting and protecting public health.”

**1. Scope of Work:**

The contractor has to execute miscellaneous civil works such as masonry, tiling, flooring, fabrication works etc. in NIB cafeteria and its surroundings. Existing wooden door of Cafeteria Staff toilet in NIB Cafeteria is to be dismantled and door opening is to be sealed with brick masonry, finished with ceramic glazed wall tiles on one face and plastic emulsion paint on another face of the wall. New door opening is to be made on the another wall of toilet and existing wooden door & shutter is to be fixed in the new door opening. The staircase landing is to be extended by mild steel frame work, one end embedded in wall and another end welded with existing M.S. railing. Chequered mild steel plate is to be welded on the extended frame work to access the new door. All cutting, chasing and broken edges shall be repaired & made good by using the respective materials.

RCC pavement slabs are to be casted and placed on the open drain to cover it. A fibre glass roof shed is to be provided above an opening to protect the area from rain etc. Factory made interlocking cement concrete paver blocks are to be laid in the kuchha, area along the fencing etc. behind the Cafeteria. Kota Stone are to be laid on the flooring including its rubbing & polishing complete work. All muck/ debris/ scraps etc. generated at site consequent upon execution of the works shall be removed and disposed off outside NIB Campus at designated dumping yard of Noida Authority. The site shall be cleaned and works will be shown to NIB engineer in good & finished condition.

**2. Eligibility Criteria:**

- 2.1. Eligibility will be based on meeting the following minimum criteria regarding the Applicant's work experience, personnel and financial position, as demonstrated by the Applicant's responses in the tender.
- 2.2. The Applicant to meet the following minimum criteria for eligibility:
- (a) Average Annual financial turnover for related works during the last three financial years, ending 31<sup>st</sup> March, 2016 should be at least **Rs. 2.00 lakh**.
- (b) Experience of having successfully completed similar works during the last seven years ending 31<sup>st</sup> March, 2016 should be either of the following.
- a) Three similar completed works each costing not less than the amount equal to **Rs. 0.5 lakh each**.
- Or**
- b) Two similar completed works each costing not less than the amount equal to **Rs. 0.60 lakh each**.
- Or**
- c) One similar completed work costing not less than the amount equal to **Rs. 1.00 lakh**.
- 2.3. **Definition of Similar Work: Experience of carrying out Civil works including masonry, flooring & miscellaneous fabrication works etc. in any Govt. office or large private sector company.**

**3. Earnest Money Deposit (EMD):**

The Bidder shall furnish EMD of **Rs. 2,500/-** (*Two thousand five hundred only*) along with the tender in the shape of demand draft in favour of "**National Institute of Biologicals**" payable at **Noida**. EMD shall be returned to the bidders after award of the work. The tender not accompanied with requisite amount of EMD shall be rejected.

**4. Site Visit:**

- 4.1. **The bidder is advised to acquaint himself with the job work, visit the site & examine site conditions, climatic conditions, labour, power, material availability, transport and communication facilities, environmental regulations, laws and byelaws of statutory, local bodies and the Govt. of India and collect all information that will be necessary for preparing the bid and entering into a contract.**

The cost of visiting the site and collecting information for the purpose of submission of the bid shall be to the bidder's account.

4.2. The bidder and any of his personnel or agents will be granted permission by NIB to enter upon the site for the purpose of such inspection.

**5. Submission of Tender:**

The contractor shall submit the tender in the sealed envelope in the following manner.

**Envelope No. 1** - shall contain:

- EMD, in the form of demand draft for **Rs. 2,500/-** (*Two thousand five hundred only*) in favour of **National Institute of Biologicals, Noida**
- Tender document free downloaded from NIB website etc.
- Similar work experience certificates in support of fulfilling the eligibility criteria, by the bidder.
- Balance sheet of the company or certificate from Chartered Accountant showing turnover of the firm for the last three financial years etc.
- A copy of tender document duly signed and stamped by the bidder as a token of acceptance of terms & conditions and Bill of Quantities (BOQ) of the tender (**Page No. 1 to 13**)

**Envelope No. 2** - Shall contain:

- Price-Bid only. Price shall be filled up by the bidder on the **Price-Bid** format (**Page No. 14 to 18**) enclosed with the tender by NIB. Price on any other format shall be rejected.

Both the sealed envelopes No. 1 & 2 shall be put in a bigger envelope duly addressed to "**Director, National Institute of Biologicals, A-32, Sector - 62, Noida - 201 309**" and marked on top Tender for "*Up-gradation works in NIB Cafeteria*" in NIB Noida.

**7. Evaluation & Award of work:**

7.1 The bids will be evaluated as per the Eligibility criteria given at **Clause -2 above**. The bids which are found to be fulfilling the eligibility criteria shall only be considered for opening of Price-Bids. NIB may seek clarifications in the bids from the bidders during the evaluation process. The bidder is required to submit the information /document in support of the clarification sought by NIB with in the given time. The work will be awarded to the lowest responsive (L-1), evaluated bidder and Work- order will be issued to the firm. NIB may like to visit the similar completed works of the successful bidder before considering their bid/ award of work.

7.2 Substantially responsive financial bids will be checked for any arithmetic errors. Arithmetic errors are to be rectified on the basis of the standard procedure as follows:

- a) If there is a difference between the amount of rate in figure and in words of an item, and the total amount is worked out, then the rate which corresponds to the amount worked by the bidder shall be taken as correct.
- b) If the bidder has not worked out the amount of an item, or the same does not correspond with the rates written either in figures or in words, then the rate quoted by him in words shall be taken as correct.
- c) If the rate quoted by the bidder in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.

**8. Security Deposit:**

- 8.1 A sum equivalent to 10% of the final bill value shall be deducted from the bills of the contractor and the same shall be released after successful completion of Defect Liability Period.
- 8.2 Failure of the contractor to comply with the requirement of contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD and Security Deposit in which event NIB may get the work done at the risk & cost of the Contractor.

**9. EPF & ESIC:**

The contractor shall abide by and comply with all the relevant laws and statutory requirements cover under DGR/ Minimum Wages Act, Contract Labour (Regulation & Abolition Act- 1970), ESI Act and EPF Act etc. with regards to persons engaged by him for works.

**10. Time of Completion:**

The work shall be completed within **1 (One) month** from the date of issue/ receipt of work order.

**11. Liquidated Damages/ Penalty for Delay:**

If the contractor fails to complete the work within the stipulated time or time extended by the Institute (if any), liquidated damages at the rate of 1% per week/part thereof delay subject to maximum 10% of the total work value shall be deducted/ recovered from the contractor.

**12. Specifications:**

The materials proposed and supplied for use in the work shall be of requisite specifications as specified in the tender and also, reputed make in the industry. The agency may be asked to show proof such as bills/challans/Invoices towards purchase of materials from genuine source.

**13. Defect Liability Period:**

The materials & work of the contractor shall be under *one year's Defect Liability Period (DLP)*. Defect/s noticed during the defect liability period shall be rectified by the contractor without any cost to NIB, failing which the Security Deposit of the Contractor shall be forfeited. The contractor may also be debarred from any future tendering in the Institute.

**14. Payment:**

Payment will be made after completion of the work & handing over of the works & materials to NIB. The contractor will submit the bill and payment shall be made within 15 (Fifteen) days from receipt of the bill. Applicable taxes W.C.T. and TDS etc. will be deducted from the amount payable to the contractor. No advance payment shall be made to the contractor.

**15. Bill of Quantity:**

The quantities of work given in the Bill of Quantities (BOQ) are approximate to give an idea of work. Work will be carried out as per the given scope. The quantities may vary on higher on lower side. The contractor will execute the varied quantity of work on the quoted rates.

**16. a) Tools & Tackles:**

All tools, tackles such as welding sets, stone cutting rubbing machine, ladders, plate forms etc. will be arranged by the contractor and their charges will be deemed to be included in the quoted rates, no extra payment shall be made for the same.

**b) Water & Electricity:**

Water & Electricity will be provided free of cost by NIB, at one point near the work place from where contractor will make arrangement of pipes, cables, power plugs, sockets etc. to extend the same to the work place.

**17. Risks:**

Contractor shall be solely responsible for safety of his workers, working at site by taking insurance cover and by following all safety norms in the trade.

All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor. Excepted Risks are:

- a. (i) War, hostilities (whether war be declared or not), invasion, act of foreign enemies.
  - (ii) rebellion, revolution, insurrection, or military or usurped power, or civil war,
  - (iii) Ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radioactive toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.
  - (iv) Pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speed.
- b. Loss or damage due to the use or occupation by the Employer of any section or part of the Permanent Works, except as may be provided for in the Contract.

**18. Disputes:**

If any dispute or difference of any kind, whatsoever, shall arise between NIB and the Contractor, in connection with or arising out of the Contract, or the execution of the works, whether during the progress of the works or after their completion and whether before or after the termination, abandonment or breach of the contract, it shall, be settled under the Indian Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause. Such arbitration shall be settled by Sole arbitrator who shall be appointed by Director, NIB. The arbitration shall take place in Noida/ Delhi unless both parties agree otherwise.

**19. Particulars of bidders:**

The following details of the bidder are necessary for linking on Central Procurement Portal etc. as per Govt. of India orders. The details may be filled carefully.



**Detail of Bidder**

Sl. No.	Name of Company/ firm/ agency with full address	Name of Contact Person	Mobile No.	Land Line Telephone No.	Email address

20. **Right to accept or reject the Tender:**

Director, NIB reserves the right to accept or reject any or all the tenders without assigning any reason thereof.

*Stamp of bidder with signature of authorized signatory,*



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### **BILL OF QUANTITY (BOQ)**

Tender No. 08/2016-2017/Engg. (Civil)

**Name of work: Tender for “Up-gradation works in NIB Cafeteria” in NIB Campus Noida.**

<b>Srl. No.</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Quantity</b>
1.	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: Of area 3 Sq. meters and below.	Each	01
2.	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meters lead	Sqm.	08
3.	Dismantling tile work in floors and roofs laid in cement mortar including stacking materials within 50 meters lead. For thickness of tiles 10 mm to 25 mm.	Sqm.	07
4.	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of malba/ rubbish to the nearest municipal dumping ground. For floor/ window/ clerestory window.	Sqm.	04
5.	Brick work with common burnt clay F.P.S. (non - modular) brick of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: Cement mortar 1:6 (1 cement: 6 coarse sand).	Cum	2.00
6.	Half brick masonry with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortal 1:4 (1 cement: 4 coarse sand).	Sqm.	3.50
7.	Repairs to plaster of thickness 12 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead: With cement mortar 1:4 (1 cement: 4 coarse sand).	Sqm.	10.00

8.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - all work up to plinth level:		
	1:2:4 (1 cement: 3 coarse sand: 8 graded stone aggregate 40 mm normal size).	Cum	2.25
	1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm normal size).	Cum	1.00
9.	Providing & fixing 1 <sup>st</sup> quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make in all colours, shades except burgundy, bottle green, black 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 @ 3.3 kg per sqm. including pointing in white cement mixed with pigment of matching shade complete.	Sqm.	7.00
10.	Providing & fixing 18 mm thick gang saw cut, mirror polished, premoulded and pre-polished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1: 4: (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite any colour and shade. Area of slab up to 0.50 Sqm.	Sqm.	0.5
11.	Kota stone slab flooring 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.	Sqm.	15.00
12.	Providing and laying 60 mm thick factory make cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	Sqm.	52.00
13.	Providing and fixing at or near ground level factory made RCC pavement slab of M-30 grade of size 450X450X50 mm, including including reinforcement with 6 mm dia M. S. bars 4 nos. on each side, including setting in position in footpath to the required level and line over a bed of 20mm average thick cement mortar 1: 5 (1 cement: 5 coarse sand), having joint thickness not more than 5mm except on	Sqm.	15.00

	curve, including filling of joints with same cement mortar and making grooves etc. complete as per direction of Engineer-in-charge.		
14.	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15X10X10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand: 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground within 50 meters lead. Door Chowkhats.	Each	01
15.	Steel work welded in built up sections/ framed work, including cutting, hosting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	Kg.	175.00
16.	Providing & fixing UV stablished fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/ bitumen washers complete but excluding the cost of purlins, rafters etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabilizer in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. 2 mm thick corrugated flat.	Sqm.	3.00
17.	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	Sqm.	5.50
18.	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	Sqm.	30.00
19.	Painting with synthetic enamel paint of approved brand and manufacture to given an even shade: Two or more coats on new work.	Sqm.	10.00
20.	Dismantling M.S. railing of 30"ht. approx length of railing approx 70" re-fixing with welding etc. complete work.	Lump-Sump	One Job
21.	Providing and applying white cement based putty of average thickness 1 mm, or approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm.	4.00

22.	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre.	Sqm.	30.00
23.	Removing dry or Oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm.	30.00

*Stamp of bidder with signature of authorized signatory,*



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### PRICE-BID

Tender No. 08/2016-2017/Engg. (Civil)

**Name of work: Tender for "Up-gradation works in NIB Cafeteria" in NIB Campus Noida.**

Srl. No	Description of Work	Unit	Qty.	Rate (in figure & words) (Rs.)	Amount (in figure & words) (Rs.)
1.	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: Of area 3 Sq. meters and below.	Each	01		
2.	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meters lead	Sqm.	08		
3.	Dismantling tile work in floors and roofs laid in cement mortar including stacking materials within 50 meters lead. For thickness of tiles 10 mm to 25 mm.	Sqm.	07		
4.	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of malba/ rubbish to the nearest municipal dumping ground. For floor/ window/ clerestory window.	Sqm.	04		

5.	Brick work with common burnt clay F.P.S. (non - modular) brick of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: Cement mortar 1:6 (1 cement: 6 coarse sand).	Cum	2.00		
6.	Half brick masonry with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement: 4 coarse sand).	Sqm.	3.50		
7.	Repairs to plaster of thickness 12 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead: With cement mortar 1:4 (1 cement: 4 coarse sand).	Sqm.	10.00		
8.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - all work up to plinth level:				
	1:2:4 (1 cement: 3 coarse sand: 8 graded stone aggregate 40 mm normal size).	Cum	2.25		
	1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm normal size).	Cum	1.00		
9.	Providing & fixing 1 <sup>st</sup> quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make in all colours, shades except burgundy, bottle green, black 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 @ 3.3 kg per sqm. including pointing in white cement mixed with pigment of matching shade complete.	Sqm.	7.00		

10.	<p>Providing &amp; fixing 18 mm thick gang saw cut, mirror polished, premoulded and pre-polished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1: 4: (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.</p> <p>Granite any colour and shade. Area of slab up to 0.50 Sqm.</p>	Sqm.	0.5		
11.	<p>Kota stone slab flooring 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):</p> <p>25 mm thick.</p>	Sqm.	15.00		
12.	<p>Providing and laying 60 mm thick factory make cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design &amp; shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.</p>	Sqm.	52.00		
13.	<p>Providing and fixing at or near ground level factory made RCC pavement slab of M-30 grade of size 450X450X50 mm, including including reinforcement with 6 mm dia M. S. bars 4 nos. on each side, including setting in position in footpath to the required level and line over a bed of 20mm average thick cement mortar 1: 5 (1 cement : 5 coarse sand), having joint thickness not more than 5mm except on curve, including filling of joints with same cement mortar and making grooves etc. complete as per direction of Engineer-in-charge.</p>	Sqm.	15.00		



14.	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15X10X10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand: 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground within 50 meters lead. Door Chowkhats.	Each	01		
15.	Steel work welded in built up sections/ framed work, including cutting, hosting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	Kg.	175.00		
16.	Providing & fixing UV stablished fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G. I plain/bitumen washers complete but excluding the cost of purlins, rafters etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabilizer in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. 2 mm thick corrugated flat.	Sqm.	3.00		
17.	Mirror polishing on marble work/ Granite work/ stone work where ever required to give high gloss finish complete.	Sqm.	5.50		
18.	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	Sqm.	30.00		

19.	Painting with synthetic enamel paint of approved brand and manufacture to given an even shade: Two or more coats on new work.	Sqm.	10.00		
20.	Dismantling M.S. railing of 30"ht. approx length of railing approx 70" re-fixing with welding etc. complete work.	Lump-Sump	One Job		
21.	Providing and applying white cement based putty of average thickness 1 mm, or approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm.	4.00		
22.	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinkable cement primer on wall surface having VOC content less than 50 grams/litre.	Sqm.	30.00		
23.	Removing dry or Oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm.	30.00		
	<b><i>Total</i></b>				
	<b>Taxes @ .....%</b> ( <i>extra if not included in the rates</i> )				
	<b><i>Total</i></b>				

**Amount (in words) Rs.** .....

**Note:** The rate shall be quoted inclusive of all taxes, duties, cartage etc. applicable for this work, no extra payment will be made in this regard. The rates shall be valid for a period of **60 (Sixty) days** form the date of opening of quotation.

Date: .....

Place: .....

*Stamp of bidder with signature of authorized signatory,*