

IRCS Website

Subject: Repairs to RCC roof, beam, column & painting etc. of store room in the basement at Indian Red Cross Society (IRCS), National Headquarters building, 1-Red Cross Road, New Delhi.

Dear Sir,

Enclosed please find herewith a Schedule of Quantities for the above work alongwith special conditions of contract in addition to general conditions being followed in IRCS which can be seen in the office for quoting your competitive rates for the same. The quotations addressed to the Secretary General, Indian Red Cross Society, 1-Red Cross Road, New Delhi should be submitted in sealed cover by 3.30 pm on 08.03.2017 to be opened on the same day by 4.00 pm.

The quotation should accompany a demand draft of Rs.2000/- (Rs. two thousand only) in favour of Indian Red Cross Society, New Delhi being the earnest money.

The Secretary General reserves the right to accept or reject any or all tenders without assigning any reason.

Yours faithfully,

(Manish Choudhary)
Deputy Secretary

Encl: As stated above.

Indian Red Cross Society

Schedule of Quantities

Name of work: Repairs to RCC roof, beam, column & painting etc. of store room in the basement at Indian Red Cross Society (IRCS), National Headquarters building, 1-Red Cross Road, New Delhi.

**Estimated cost – Rs.99,186/-
Time Period- 30 days**

Sl. No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	24.00 sqm	sqm		
2	Repairs to plaster of thickness 12mm to 20mm 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 within 50 meters lead: With cement mortar 1:4 (1 cement: 4 fine sand)	14.00 sqm	sqm		
3	Providing and fixing anodized aluminium grill (anodized transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC:15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/stainless steel screws @ 200mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodized aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	3 kg	kg		
4	Providing and fixing hard drawn steel wire fabric 75x25mm mesh of weight not less than 7.75 kg per sqm to RCC steel reinforcement including welding with the existing steel reinforcement bars.	26.00			

		sqm	sqm		
5	6mm cement plaster of mix: 1: 3 (1cement : 3 fine sand)	10.00 sqm	sqm		
6	12mm cement plaster of mix 1: 4 (1cement : 4 fine sand)	25.00 sqm	sqm		
7	15mm cement plaster on the rough side of single or half brick wall of mix 1: 4 (1cement : 4 fine sand)	12.00 sqm	sqm		
8	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work	200 sqm	sqm		
9	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: One or more coats on old work	10.00 sqm	sqm		
10	Structural Steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	150.88 kg	kg		
11	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement: 4 coarse sand)	1.00 cum	cum		
12	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1: 3 (1 cement: 3 coarse sand)	3.00 sqm	sqm		
13	Extra for providing and placing in position 2 Nos 6 mm dia. M.S. bars at every third course of half brick masonry.	3.00 sqm	sqm		

14	Demolishing cement concrete manually/by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	0.08 cum	cum		
15	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturers) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), including grouting the joints with white cement and matching pigment etc. complete. Size of Tile 600x600 mm	5 sqm	sqm		
16	Shotcreting RCC columns, beams, and slabs etc. in layers with approved design mix concrete having the specified minimum characteristic compressive strength[with ordinary Portland cement coarse sand and graded stone aggregate of 10mm maximum size in proportion as per design criteria] including the cost of centering and shuttering at edges and corners etc. as directed by Engineer –in-charge. The rates shall include for providing necessary ground wires/leveling gauges which shall be fixed/applied at least one day before applying shortcrete at an average interval of 1 m multiply 1 m or as may be approved as per specifications (payment under this item shall be made after proper wet curing has been done and surface has been satisfactorily evaluated by sounding tapping with a blunt metal instrument (Excluding the cost of scaffolding) 50mm thick average in grade m30 with cement content not less then 400 kg per cum.	9 sqm	sqm		

17	Chipping and removal of unsound/weak concrete and plaster from slabs, beams, columns and other RCC/brick structures etc. with power driven chisel (HIL-TI TE706) or pneumatic chisel as directed by Engineer-in-charge up to 25 to 65 mm average depth including saw cutting of all edge making square shoulder of the cavities as per direction of the Engineer-in-charge complete including disposal of malba upto 50 metre lead.	9 sqm	sqm		
18	Cleaning exposed concrete surface of loose and foreign material using dry sand blasting with coarse sand followed by and including cleaning with oil free air blast upto 15 metre to above plinth level including necessary machine, compressor and other required T&P for the above process as per approved sample and as per direction of the Engineer-in-charge (Excluding the cost of scaffolding) working platform as per design and pattern approved by the Engineer-in-charge.	9 sqm	sqm		
19	Providing, mixing and applying bonding coat of approved epoxy adhesive on chipped RCC slab, beams, column etc. complete and as per specifications & direction of the Engineer-in charge Epoxy adhesive (1kg cover 2.20 sqm) bond strength to exceed tensile strength.	9 sqm	sqm		
20	Providing cutting to required size and fixing galvanized steel wire fabric 25x25mm mesh of 3.25mm thick to exposed reinforcement/R.C.C. structural members, slab, beam, columns etc. for repair, rehabilitation works, at all height and locations in four storied residential quarters, complete as per direction of Engineer in charge (Excluding the cost of scaffolding) (cost of providing & fixing mechanical/chemical fasters if required, shall be paid for separately).(Excluding the cost of scaffolding	9 sqm	sqm		
21	Providing and laying in position cement concrete of specified grade excluding the				

	cost of centering and shuttering- All work up to plinth level: 1: 1 ½: 3 (1 cement: 1 ½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.00 cum	cum		
22	Disposal of malba by mechanical transport with capacity of 300 cft approximately including loading and unloading.	1 trip	each		
				Total =	

Deputy Secretary
Indian Red Cross Society
National Headquarters
New Delhi

Encl: Special Conditions of contract

I/We have read the schedule of quantities and conditions and I/We agree to do the above work at the rates quoted above as shown in the schedule of quantities.

Contractor

SPECIAL CONDITIONS OF CONTRACT

1. The specifications for the works shall be as per CPWD specifications 1996 Volume I to VI with up-to-date correction slips except where otherwise specified in the description of item given in the Schedule of Quantities or in the specifications given below:-

Where for any items, the specifications given in the above documents are not covered; relevant I.S.I./BIS Specifications shall be followed.

If there is any difference in the above mentioned specifications and the description of various items given in the schedule of quantities combined with the additional specifications and conditions mentioned hereinafter, the later shall prevail.

2. The rates quoted by the contractors shall be applicable for all heights and depths, leads & lifts involved unless otherwise specified in the items.
3. 10% Security Deposit will be deducted on gross amount from each running bill and final bill. The amount of Security Deposit will be refunded after 6 months from the date of completion or after the final bill has been prepared and passed which- ever is later.
4. The recovery of water charges shall be made from each running bill @ 1.50% of the gross amount of the bill.
5. Cement will be arranged by the Contractors himself / themselves at site of work. The day- to- day receipts & issue accounts of cement shall be maintained by the officer-in-charge of the work and signed daily by the contractor or his authorized agents, as per proforma given below:

PROFORMA FOR CEMENT REGISTER

Date of Receipt	Ref. to Source of receipt Cash memo/ Invoice etc	<u>Particulars of receipts</u>		Date of issue
		Quantity received	Progressive Total	
1	2	3	4	5
<u>Particular of issue</u>		Total	Daily	Contractor's
Items of Qty. returned	Work for at the end	Issued balance	in hand	initials
Which of the day	Issued			
6	7	8	9	10

Initials of Society representative REMARKS
 Periodical check
 by Architect/Engineer-in-charge

11	12
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6. Time of completion of work is 30 (thirty) days. In case of delay in completion of work, compensation @ 1% for each day delay subject to a maximum of 10% of cost of work shall be recovered from the bill.
7. The quantities shown in the schedule of quantities are approximate. Payment will be made on the basis of actual work done after taking measurements as per mode of measurements prescribed in CPWD Specifications 1996 Volume I to VI with up-to-date correction slips.
8. All white washing, colour washing, paint splashes are to be removed by the contractor, after the work is done, at his own cost & nothing extra will be paid.
9. Any compensation payable under the workmen's compensation Act 1923 shall be borne by the Contractor.
10. Sales- tax/VAT or any other tax on materials etc. in respect of this contract shall be payable by Contractor and the Society shall not entertain any claim whatsoever in this respect.
11. For dry distempering, painting & oil bound distempering the surface shall be cleaned of all grease, dirt, spits, splashes etc. by sand papering as per CPWD Specifications & nothing will be paid on this account.
12. Dry distemper packets and paints drum shall be collected by the Contractor in advance & kept at site. A Register as prescribed will be maintained & empty containers for whole material used will be preserved till completion of work.
13. All incidental charges of any kind whatsoever such as Sales Tax, Octroi , Royalty, cartage, storage etc. shall be borne exclusively by the contractor and nothing extra shall be paid to him.
14. All minor repairs such as filling of holes in walls, patch repair in cement will be carried out by the contractor at his own cost before the white washing or colour washing is done. Nothing extra will be paid on this account.
15. The contractor shall inspect the site to fully acquaint himself about the conditions in regard to accessibility of site, nature and extent of grounds, working conditions including stacking of materials, installation of T& P etc & conditions affecting accommodation & movement of labour etc, required for satisfactory execution of the contract. No claim whatsoever on such account shall be entertained in any circumstances.
16. The contractor shall construct at his cost suitable Godown at the site of work for storing the materials. He shall also employ necessary watch and ward establishment for the purpose. Nothing will be paid on this account.
17. Unless otherwise provided in the descriptions of various items of work, the rates shall be for completed items of work covering all materials, labour carriage royalties, fees, rents, sales, tax, octroi, wastage tools, plants, equipment, transport, temporary constructions and risks arising out.

18. Variation in rates: - If after submission of the tender / quotation and / or during the progress of the work, the prices of any materials, hire charges of T&P, wages of labour and or other items of work increase by an Act of Legislature (Central or State) and/ or any notification there under, or on account of new / revised duties or levies such as octroi etc. Labour award, revision of minimum wages of labour or any other reasons, whatsoever, no claims shall be entertained on this account.
19. Work site order book: A work site order book shall be maintained in which all the instructions issued to the contractor or his authorized agents in respect of the execution of work shall be recorded by the Architect/ Engineer-in charge or Society's representatives. The contractor or his authorized agents shall be bound to carry out the instructions & sign the relevant entries in this Book.
20. The contractor should visit site and get himself acquainted with the site conditions, before quoting the rates.
21. The Contractor shall return to I.R.C.S. all dismantled material obtained by him while doing the work.
22. Rates shall include all scaffoldings required for painting overhead water tanks on existing buildings and all such other items, covering all heights.
23. Preparation of surface:- Before doing white washing or distempering surface shall be prepared as per relevant provisions of CPWD Specifications.
24. The contractor shall be bound to bear the expenses of defence of every suite, action or other proceedings at law that may be brought by any person for injury sustained or damage to any property, whatsoever, which may arise out of or in consequence of the construction and maintenance of works owing to neglect of the proper precautions and to pay any damages and cost which may be awarded in any such suit, action or proceedings to any such person or which may with the consent of the contractor be paid to compromise any claim by any such person.

He shall also indemnify and keep indemnified the IRCS against all damages and costs consequent upon such claims arising from any such injuries or damages to person (s) or property.
25. Some restrictions may be imposed by the Police authorities etc. on the working and /or movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and no claim of payment on this account whatsoever shall be entertained.
26. The contractor will make all arrangements of scaffoldings/ladders, appliances and safety equipments etc. wherever required, and will be responsible for safety of the workers.
27. The work shall be carried out to the entire satisfaction of Engineer-in-Charge.

CONTRACTOR

Deputy Secretary

I.R.C.S. (N. Hqrs.)