



NABARD

PART- II

PRICE BID

Tender for Undertaking Repair, Rehabilitation and Repainting works in C Block of the NABARD Gardens, Dr Pai Road, Poojapura, Thiruvanthapuram.

SCHEDULE OF QUANTITIES

(Rate to be quoted in this sheet only)

This is an item rate tender. The Amount quoted shall be firm and shall include all costs, allowances, Transportation, taxes, levies, Works Contract tax and excluding GST (Which should be quoted separately). The rates quoted for each and every item should be self-sustaining and reasonable.

Price Bid					
SI No	Particulars	Unit	Qty	Rate	Amount Rs) (in
1	<p>Repair of Slab cracks: The minor cracks are to be repaired by using epoxy resin pressure grouting by suitable gun/pump at required pressure with pre testing with water including surface preparation by standard power driven percussion or pneumatic chisel ,including cutting of nipples after curing complete as per direction of engineer in charge. The quoted rate should include cost of all material in including transportation, loading and unloading , hire charges of the machineries , labour charges, all material lead and lifts, scaffolding charges, water charges, testing charges ,curing charges etc. complete as per CPWD handbook on repair and rehabilitation of RCC buildings, drawings, specification and as per direction of engineer in charge. The Quantity is the summation of various points in Block C at various heights. Hence the rate should include the work of undertaking pressure grouting at various height of the building. (The payment shall be made on the basis of actual weight of approved resin grout and hardner material used at site during Execution) - Approved makes: CERA-Chem pvt ltd, FOSROC,SIKA Ag Chemical company or equivalent</p>	kg	150		

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2	<p>Repair of Column/ beams due to Corrosion (Diameter of reinforcement has <u>NOT corroded beyond 35 %</u>) : The damaged columns/beams/slabs due to spalling (carbonation depth has reached the reinforcement) are to be repaired by shotcreting method using polymer modified cement sand mortar after surface preparation by standard power driven percussion or pneumatic chisel , brushing, and bond coat with polymer modified cement slurry and finishing using 6mm cement plaster (1:3) including curing as per the direction of engineer in charge</p> <p>The quoted rate should include cost of all material in including transportation, loading and unloading , hire charges of the machineries , labour charges, all material lead and lifts, scaffolding charges, water charges, testing charges ,curing charges etc. complete as per CPWD handbook on repair and rehabilitation of RCC buildings, drawings, specification and as per direction of engineer in charge. The Quantity is the summation of various points in Block C at various heights. Hence the rate should include the work of undertaking pressure grouting at various height of the building</p> <p>Approved makes: CERA-Chem pvt ltd, FOSROC,SIKA Ag Chemical company or equivalent. OPC 53 grade cement and Psand (source approval should be taken by the contractor)</p>	sqm	40		
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3	<p>Repair of Column/ beams due to Corrosion (Diameter of reinforcement has <u>Corroded beyond 35 %</u>): The damaged columns/beams/slabs due to spalling (carbonation depth has reached the reinforcement and reinforced diameter reduced more than 35%) is to be repaired by shotcreting method using polymer modified cement sand mortar after surface preparation by standard power driven percussion or pneumatic chisel , brushing, and bond coat with polymer modified cement slurry, providing reinforcement and finishing using 6mm cement plaster (1:3) incl curing as per the direction of engineer in charge. Payment for supply and placing of reinforcement will be provided in item No:04 The quoted rate should include cost of all material in including transportation, loading and unloading , hire charges of the machineries , labour charges, all material lead and lifts, scaffolding charges, water charges, testing charges ,curing charges etc. complete as per CPWD handbook on repair and rehabilitation of RCC buildings, drawings, specification and as per direction of engineer in charge The Quantity is the summation of various points in Block C at various heights, hence the heights to be taken into account while quoting the rates. Hence the rate should include the work of undertaking pressure grouting at various height of the building Approved makes : CERA-Chem pvt ltd, FOSROC,SIKA Ag Chemical company or equivalent , OPC 53 grade cement and Psand (source approval should be taken by the contractor)</p>	sqm	125		
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4	<p>Steel Reinforcement: Providing, fabricating, placing and tying the new reinforcement for the sunshades, beams, columns and other structural member as per the standard specification including the cost of binding wire, cost of RTS/MS bars, etc.. - complete. The Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete for retrofitting works Thermo-Mechanically Treated bars of grade Fe-500D or more. Work includes cost of all material in including transportation, loading and unloading , hire charges of the machineries , labour charges, all material lead and lifts, scaffolding charges complete as per CPWD handbook on repair and rehabilitation of RCC buildings, drawings, specification and as per direction of engineer in charge. (The payment shall be made on the basis of actual weight of steel material used at site during Execution)</p>	kg	325		
5	<p>Patch Plastering: The repairs to plaster of thickness 12 mm to 15 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 and providing chicken mesh all complete as per directions of Engineer-In-Charge. The quoted rate should include cost of all material in including transportation, loading and unloading , hire charges of the machineries , labour charges, all material lead and lifts, scaffolding charges, water charges, testing charges ,curing charges etc. complete as per CPWD handbook on repair and rehabilitation of RCC buildings, drawings, specification and as per direction of engineer in charge. The Quantity is the summation of various points in Block C at various heights. The difference in height is to be taken into account while quoting. Approved makes : OPC 53 grade cement and Psand (source approval should be taken by the contractor)</p>	sqm	600		

6	Removal of Brick Jelly and Replastering of the top of the Block's surface				
a	Demolition and removal of the surface tiles on the roof top inclusive of labour charges and removal from the premises in complete. The surface to be cleaned from all fine particles and dust.	sqm	140		
b	Providing and applying Brushbond RFX using a brush, trowel, squeegee or Graco spray pump 1 mm in 2 layers perpendicular each other in both layers. The surface is to be cured for 24 hours in a water depth of 50 mm minimum. All the coves should be primed with Nitoproof 600 PF 24 hours prior to main application to 150 mm on either of the coving complete as directed.	sqm	140		
c	Providing screeding concrete using 6mm nominal size stone aggregates average 5cm thick. Work including cost of all material and labour charges, all material lead and lifts, scaffolding charges etc. complete as per drawings, specification and Responsible manager's instructions for all floors. Care to be taken that the concrete is not to be mixed on top of the water proofing surface. The surface has to be made smooth and complete as directed.	cum	14		
d	Plastering the top of roof slab with cement mortar 1: 4 (1 cement : 3 sand), with a minimum of 12 mm. thick and finished with cement flushing coat, one coat floated hard and trowelled smooth and the surface is to be fixed with well burnt terracotta tile. The rate quoted should include cost of all material and labour charges, lead, lift and hire charges for scaffolding, watering, curing etc required for completing the work as directed.	sqm	140		
7	Painting of C Block				
a	Exterior Painting: Providing and applying two coats of decorative Apex weatherproof emulsion (water based paint, 100% acrylic exterior wall finish) of Asian Paints make or approved Equivalent and shade to the	sqm	1650		

	external and internal surface of the building such as external wall, balcony, sunshades, water tank, parapets, staircase area, covered parking area, compound wall etc. after removing and cleaning old cement paint, dirt, algae, fungus, shrubs, etc. completely, by scrapping with wire brush and washing with water and repairing the damaged patches of plaster not exceeding by 0.10 Sqm area with CM 1:4 where ever required and applying one coat of Exterior Wall Primer for Apex exterior emulsion as per manufacturer's instructions including scaffolding, cost of all materials, labour charges etc. complete as directed.				
b	Interior Painting: Providing and applying two or more coats of premium interior grade plastic emulsion paint of Asian Paints make or approved Equivalent and shade as per manufacturer's specifications to the interior surfaces of walls, ceilings, beams, columns, canopies staircases, lobbies, etc. and finishing smoothly, including scaffolding, etc. complete as directed by the Engineer. The internal surfaces should be prepared by removing old painting and Neeru by scrapping up to the plaster surface and wash the surface, levelling the surface with the application of acrylic wall putty and applying one coat of cement primer (water based)/interior primer for acrylic emulsion, removing damaged portion of plaster and replastering in patches with CM 1:4 to match the surroundings in patches or stretches and to match the adjacent surfaces, (area of patches of cement plaster exceeding 0.10 Sqm for repairs will be considered separately for payment) at all level sand floors before painting the surfaces, and disposing of the debris, curing, scaffolding including all materials, labour charges etc. complete as directed	sqm	1560		
c	Providing and polishing front side of the main entrance doors of flats with two coats of french spirit polish of approved tint to obtain good and smooth finish etc. complete as per specifications and as directed at site including scrapping, scaffolding cost of all materials, labour charges etc. complete as directed.	sqm	18		
d	Synthetic Enamel Paint for metal Surfaces: Removing by scrapping old paint and cleaning with rust remover to prepare the old	sqm	100		

	<p>painted surfaces suitably and providing & applying one or more coats of first quality synthetic enamel paint of approved make and shade to steel work viz. Grills (doors/ windows/ventilators/ Balcony balustrade) as per specifications and finishing smoothly including scaffolding, all materials, labour charges etc. complete as directed.</p>				
e	<p>Synthetic Enamel Paint for Wood Surfaces: Removing by scrapping blistered paint completely and preparing the old painted surfaces suitably as directed and providing and applying one or more coats of first quality synthetic enamel paint of approved manufacturer and shade to teak wood / commercial board surfaces in doors, windows and ventillators as per specification and finishing smoothly including applying one coat of primer to the new or old surfaces as required at site, including scaffolding, all materials, labour charges etc. complete as directed</p>	Sqmt	70		
	Total				
	GST				
	TOTAL INCLUDING GST				



Grand Total Amount without GST (In Words).....

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Grand Total Amount with GST (In Words).....

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Note:

1. The basic rate means the market price of the material. The contractor has to submit the bill of authorised dealer from whom procurement of material is done by the contractor in respect of items for the basic rate has been mentioned in the Price Bid. The permissible variation in basic rate will be 5% in the mentioned value beyond that necessary deduction/extra payment will be made to contractor as applicable.

2. The tenderers should visit work site and assess site conditions and scope of work before quoting the rates.

3. Rates are to be quoted inclusive of all prevailing taxes like GST, etc as per scope of the work and after visiting the site.

4. The contractor shall include all prevailing taxes like GST etc. in the quoted rates as stated in the Clause of General Instruction of the Technical bid.

6. The contractor has to quote for all the items of the tender. Incomplete tenders and tenders without EMD will be rejected.

Accepted all terms & conditions of technical & price/financial bid

Place:

Date :

Address of the contractor:

Name & Seal:

(Signature of the Tenderer)