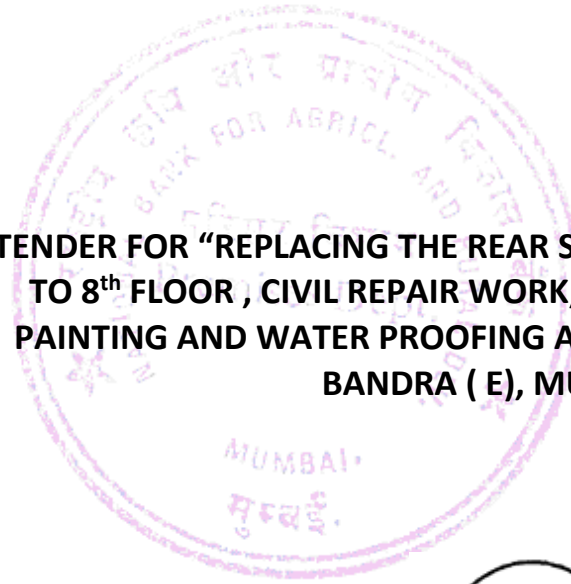


TENDER FOR “REPLACING THE REAR SIDE WINDOWS FROM 3rd FLOOR TO 8th FLOOR , CIVIL REPAIR WORK, EXTERIOR AND INTERIOR RE-PAINTING AND WATER PROOFING AT NABARD, HEAD OFFICE, BKC, BANDRA (E), MUMBAI-51”



**PART -2
PRICE BID**

**DEPARTMENT OF PREMISES, SECURITY AND PROCUREMENT
HEAD OFFICE
NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT
C-24, G- Block, BKC , Bandra (E), Mumbai- 051**

(Last date of receipt of Tender : 14.00 Hours on 16.11.2017)

Tender for “Replacing the Rear side Windows from 3rd Floor to 8th Floor, Civil Repair work, Exterior and Interior Re-Painting and Water Proofing at NABARD, Head Office, BKC, Bandra (E), Mumbai-51”

SCHEDULE OF QUANTITIES

S. No	Particulars	Qty	Unit	Quoted	
				Rate (Rs)	Amount (Rs)
1.	<p>Supplying and erecting double bamboo scaffolding: Supplying and erecting double bamboo scaffolding with verticals @ 1.2m to 1.8m c/c inner as well as outer faces and horizontals and braces as per standards and as directed by the Consultant/NABARD. The height of the scaffold to be erected shall be maximum approximately 36m. The scaffolding shall be provided with continuous wooden/MS working platforms constructed by aides to be strutted diagonally to prevent from buckling under the weight of materials and wind pressure, at comfort levels for the men and the artisans to work which is 6" to 9" away from the wall or chajjas or any projections of the wall and also as Specified and directed by the Consultant/NABARD. The rate includes costs of all materials, labour charges, dismantling the scaffolding after completion of work, cleaning, clearing the site, removing the debris out of the premises etc. complete.</p> <p>Note: i) For payment of the scaffolding, only front elevation area will be measured by multiplying length and height of the front elevation area (both faces shall be considered as one length and height. Height will be taken upto 3' above the topmost working platform level).</p> <p>2) In case, due to space constraint or due to other site conditions, if single scaffolding is used at any area of work, no payments shall be made towards single scaffolding which shall be part of the rate quoted for the work.</p>	20000	Sqm		
2.	<p>Providing and erecting Safety Nylon Net: Supplying and fixing safety net covering the Ground floor/Second floor area using 12mm dia, Nylon rope mesh size 50mmx50mm and top of</p>	150	Sqm		

<p>that nylon thread net having mesh size 15mmx15mm by fixing at the exterior face of scaffolding and conveniently at the outer yard by temporarily erecting supporting poles including duck tape with safety signage "work in progress" and caution" boards at ground level and demarcation of entrances to the building. The rate includes costs of all materials, labour charges, cleaning, clearing the site, removing the debris out of the premises etc. complete.</p> <p>Note: The measurements will be calculated by multiplying the lengths and breadth of the net. The rates will include for the cross bracings between the rows of the scaffold units. (No additional charges will be paid for this Item of Work)</p>				
<p>3. Removing the existing windows : Removing the existing glazed aluminium windows and existing marble jambs at sills and soffits all round the window openings along with base mortar without damaging the building structures/finishes and without any disturbance to office atmosphere with proper protection to the interior passage floor and take away debris from the site and stacking the windows at the dump yard earmarked in the bank's premises and removing the debris out of the premises, including costs of all tools, materials, labour charges, conveyance etc. complete. Note: Elevation area of windows will only be measured for making payment.</p>	525	Sqm		
<p>4. Repairs to damaged structural members with Polymer Modified Mortar (PMM) in interior and exterior surfaces: Chip-off/Breaking, corrosion damaged /cracked/spalled concrete including plastering along the cracks on structural members such as beam/column/sunshade or any other structural members carefully by low impact Hammer Breaker (electrically operated)/Manual Hammer Breaker without damaging the structure and make sure that the contaminated and loosen concrete are removed completely, including removing and stacking of all unserviceable material at earmarked dump yard at site, simultaneous transportation and disposal of debris outside the office premises at municipal dumpyard. Then, exposing and cleaning the reinforcement</p>	975	Sqm		

	<p>thoroughly by light tapping / wire brushing and using strong emery paper and finally applying rust remover acetone and keep for 24 hours. Cleaning the reinforcement and the concrete surface thoroughly with potable water and make sure that there are no traces of rust on the surface of existing rebars and keeping the surface for drying. Mix the base and hardener of the zinc rich epoxy resin mechanically using a slow speed heavy duty drilling machine fitted with mixing paddle. Apply the mixed materials with brush on the cleaned rebar in two coats with time interval of minimum 4 hours between each coat and allow it to dry for 24 hours till it dry complete as directed.</p> <p>Wet the concrete surface with potable water and make sure that the surface is kept moist so that the water cement ratio in the polymer modified mortar is maintained during the application.</p> <p>Repairing the surface after carrying out above operations by supplying and applying polymer modified mortar upto 40 mm thick in layers not exceeding 20 mm in a day in the proportion 1:5:15 (1 Polymer:5 cement : 15 Quartz Sand by volume) as approved by the Consultant/ NABARD followed by a smooth finish after applying (by brushing) polymer based jointing compound by mixing the polymer with cement in the ratio of 1:1 by weight to the prepared surface and each layer of plaster before applying the subsequent layer as per specification of manufacturer or as directed.</p> <p>The rate shall be for the work at all levels of floors including proper covering of the floors / windows/fixtures/furniture with tarpaulin or equivalent covering material, cleaning after repairs, curing as per standard etc. including costs of all materials, labour charges, cleaning the site, removing the debris out of premises etc. complete. The repair work shall be carried out with double scaffolding which shall be paid separately.</p>				
5.	<p>Supplying and applying high molecular weight epoxy low viscous injection grout: Supplying and applying High molecular weight Super low viscous (3 to 5 cps) 0.56 Kg./Cm2 Epoxy thermosett Resin injection grout Monopol of Krishna Conchem or Conbextra EP-</p>	1500	No		

	<p>10 of Fosroc or equivalent as approved by NBARD/ Consultant for Slab/Beam/ Column in appropriate proportion as per manufacturer's specifications into cracks/ honeycomb area of concrete including drilling of holes of 14mm-16mm dia and depth of 75mm-100 mm in concrete, Fix PVC new nipples of 12 -14 mm using neat cement or M-Seal for proper anchorage. Injecting grout by electrically operated grouting machine/ manual pump at pressure of 1.0 to 2.0 Kg./Cm2 until proper filling the voids and refuses the grout further in the nipple and subsequent cutting/removal of the nipple and sealing of the hole and groove after completion of grouting with cement/ epoxy mortar as directed by the Consultant/NABARD including costs of all materials, labour charges etc complete.</p>				
6.	<p>Supplying and Applying Injection Grouting:- Make necessary holes of size 16mm-18mm upto 75 mm depth in concrete / Plaster as per requirement using proper electric hammer drill. Fix new PVC Nipples of 14mm-16mm using neat cement or M-Seal for proper anchorage. Carry out pressure grouting with a lean cement and polymer(Nitobond SBR of Fosroc make or equivalent as approved by NABARD) slurry in the ratio 10:1 by weight using a proper grouting pump until proper filling of voids and further refuses the grout by nipple and subsequent cutting/removal of the nipple and sealing of the hole and groove after completion of grouting with cement/ epoxy mortar as directed by the Consultant/NABARD including costs of all materials, labour charges, removing the debris out of premises, cleaning the site etc complete.</p>	4800	No		
7	<p>Zycosil Plus and Zyco Prime Plus Coating on External Surface face of the Building.</p> <p>Clean and smoothen the newly plastered / concrete surface from all dust, foreign matters, loose materials or any deposits of contamination by wire brush / air blower / grinder / high pressure water jet and dry the surface.</p> <p>Then Supplying and applying Zycosil Plus & Zyco Prime Plus chemical with water in the ratio 1:2:20 (1 Zycosil Plus : 2 Zyco Prime Plus</p>	2800	Sqm		

	<p>Chemical : 20 Water) by volume on the wall in number of times till attaining complete saturation of the surface using spray machine / roller brush as per manufacturer's specifications including costs of all materials, labour charges, removing the debris out of premises, cleaning the site etc complete..</p>				
8.	<p>Removal of damaged patches of plaster and re-plastering surface in interior and exterior surfaces:</p> <p>Providing and applying sand faced plaster in CM 1:4 (1 cement : 4 sand) of average thickness of 25 mm in two coats (first coat of 16 mm thickness and final coat of 9 mm thickness) with intergral water proofing compound at 2% by weight of cement and with polymer bonding agent at 300ml/50Kg of cement for every layer of application including making grooves of existing size and checkered pattern of surrounding kent tiles wherever required, including removal of the old damaged/loose/debonded plaster or kent tiles till exposing the original brickwork / concrete surface. The plastering shall be done on brick work, concrete surface , ceiling , facia, watta, slope at junction of wall & chajja etc. The exposed joints (of masonry or of concrete) shall be raked out to a minimum depth of 10 mm uniformly with proper raking tool and tackles before plastering. The surface shall be finally finished with neat cement slurry flushing coat for smooth finish.</p> <p>The surface shall be thoroughly cleaned and kept wet till plastering is commenced. Before commencing the plastering, the surface shall be applied with light cement water slurry mixed with polymer bonding agent at 50ml per 5kg of cement for each layer. The plaster has to be done in patches (square or rectangular shape) or stretches or on and to match the adjoining surfaces, sealing the minor crack in plaster with suitable polymer crack seal as necessary [Patch plastering less than 0.10 Sq.m. for repairs will not be considered for payment.] at all levels and floors and disposing off the debris, cleaning the area thoroughly. The rate includes costs of all materials, labour charges, curing, removing the debris out of premises, cleaning the site etc. complete.</p>	1600	Sqm		

	<p>Note: The plaster top should be finished with neat cement flushing coat with grooves embedding matching with the surrounding tiles.</p>				
9.	<p>Supplying and fixing Granite Jambs (Double Patti) at window sill and soffit level: Dismantling and Removing the existing marble stones from window sills and soffits without damaging the structures and surroundings. Then Supplying and fixing factory mirror polished 16mm-18mm thick granite Jambs of width approximately 300mm at the window sills and soffits (all round the window openings) with double granite patti overlapping of about 25mm. The granite soffits shall be supported at intermediate intervals (@2.4m c/c) with factory mirror polished double granite patti having thickness of 16mm-18mm or with 36mm single granite patti with both side factory mirror polished having equivalent width(if double granite supporting patti is used, it should be jointed together with high quality adhesive such as Araldite or equivalent as approved). The granite jambs shall be fixed on the prepared base with base grout of polymer tile adhesive such as Balendura diamond or equivalent and cement in the ratio 2:1 (2 tile adhesive and 1cement) with proper line and slope. Increased gap due to the overlapping of granite jambs shall be filled with cement plaster using CM 1:4 and cement& adhesive grout shall be applied above this plastered surface for fixing the granite. The edge of the granite shall be chamfered/ half moulded and polished matching with the original surface as per the approval of the Consultant/NABARD. (Basic price of Granite-Rs 175/sqft).</p> <p>The rate shall be included, costs of all materials, sundry items , all taxes, labour charges, curing, disposing of the debris to municipal dump yard out of the premises, etc. complete.</p> <p>Note: Length of granite will be measured without considering the overlap for payment (i.e. overlapped double granite patti all round window opening shall be considered as a single unit for measurement and payment). All granites for jambs, soffit and double granite patti/both side polished 36mm granite patti vertical support will be measured in running meter. Double granite patti / both side polished 36mm</p>	1100	m		

	granite patti vertical support will be considered as a single unit (each granite for double granite patti will not be considered separately, i.e 1m double double granite patti means 2m single granite, but measurement will be for 1m length) for making payment.				
10.	<p>Removing and replacing the existing marble stones from architraves of Box window with new marble stone:</p> <p>Removing and replacing the existing marble stones from architraves of Box window with new marble stone without damaging the structures and surroundings with pre-mirror polished white Marble framing to the windows to match the existing Marble. The marble shall be of 18mm to 20mm thick, fix in the window areas with double marble slab/patti overlapping of about 25mm. with neat cement and tile adhesive(Balendura diamond star or equivalent approved by consultant/NABARD) in the ratio 1:2(1 cement & 2 adhesive) by volume. Increased gap due to the overlapping of marble jambs shall be filled with cement plaster using CM 1:4 and cement& adhesive grout shall be applied above this plastered surface for fixing the marble, including all special required like round (moulding) / nosing/chamfering, edge tiles, corner cups, making grooves at the joint between marble and masonry etc. including edge polishing filling joints with neat polymer cementitious slurry mixed with approved shade of pigment to match the colour of marble, curing and cleaning. The rate includes costs of all materials, labour charges, removing the debris out of premises and disposing to municipal dump yard, cleaning the site etc. complete.</p> <p>(Basic price of Marble stone: Rs 85/sqft.)</p>	100	Sqm		
11.	<p>Removing and refixing the box windows:</p> <p>Removing the existing glass openable windows (each size of 79cmx 97cm) from the box window opening at any floor level, stacking the windows on the safe place and Re-fixing the same windows with some necessary modifications and hardwares such as HDPE gaskets etc. and filling the gaps between window frames and marble with Silicon sealant as required etc. complete. The rate includes costs of all materials, labour charges, curing, removing the debris out of premises, cleaning the site etc. complete.</p>	25	Sqm		

<p>12. Supplying and Fixing Kent/Ceramic Tiles: Removing the debonded and damaged kent tiles along with damaged base plaster and then replastering the surface with CM 1:4 (1 Cement and 4 sand) of about average 25mm thickness in two layers(16mm and 9 mm respectively)with integral water proofing compound @ 2% weight of cement and polymer bonding agent @300ml per 50Kg of cement. Before applying the plaster, the surface shall be cleaned from all dusts and impurities and thoroughly wet. Before applying the plaster, the surface shall be applied with polymer modified slurry with 50ml polymer per 5Kg of cement. After a minimum curing of 4 days, Supplying and fixing glazed ceramic Kent tiles or matching white chequered 1'x1' or 1.5'x1' size ceramic Matt finish wall tiles having cheques of 1"x1" with base grout of polymer tile adhesive such as Balendura diamond and cement in the ratio 2:1 (2 tile adhesive and 1cement) as cladding on external wall, wherever required. Before fixing the tile, the prepared surface shall be thoroughly wet and the surface shall be applied with polymer modified slurry with 50ml polymer per 5Kg of cement. The joints of tiles shall be filled with polymer modified cementitious water proof grout of M/s Roff or equivalent as approved by the Consultant/NABARD including costs of all materials, labour charges, curing etc. complete. (Basic price of Kent tile/Wall tile: Rs 45/sqft.)</p> <p>The rate shall also include costs of all materials, sundry items , labour charges, curing, disposing of the debris to public dump yard out of the premises, etc. complete.</p>	900	Sqm		
<p>13. Supplying, fabricating and providing Aluminium structural glazing windows :</p> <p>Replacing the existing Aluminium windows on the rear side External face of the building by supplying, fabricating and fixing Natural Anodized (22 microns) Aluminium openable and Fixed windows extrusion sections of EURO or Jindal or equivalent make as approved by the consultant/NABARD.</p> <p>The section details shall be as follows:</p> <p>1. Vertical and Horizontal Main frame Section of the Fixed windows and openable windows</p>	525	Sqm		

<p>except top horizontal section of openable window - Section Code No.: ER924, Size: 103.70mm x 60.80mm x 1.80mm.</p> <ol style="list-style-type: none"> 2. Horizontal top Main frame Section for the openable windows: Section Code No.: ER917, Size: 83.750mm x 60.80mm x 1.80mm. 3. Openable Double Glass Shutter section- Section Code No.: SBLA04, Size: 40mm x 17mm x 1.30MM. 4. Fixed Double Glass Shutter section - Section Code No.: SBLA05, Size: 41mm x 17mm x 1.30MM. 5. Spacer for double glass - Size: 12mm spacer with primary & secondary seal. <p>Windows glazing shall be in double glass frame with each 6mm & 6mm thick Heat strengthened reflective glass with 12mm aluminum spacer (including hardwares such as 8''-10'' size lockable casement handles Item No. JHD-8608, heavy duty stainless steel stay hinges (GUARDIAN SECURISTAY SAFETY STAY P1097) with minimum 2 point with 4 sets in the each openable window with stainless steel plates, buffers, Heavy Quality Chrome push & Lock Handle, HDPE/Neoprin Gaskets throughout etc as approved by consultant/NABARD for top hung/side-wise openable panel of windows) including double side tape of McCOY make of required size(3mm thick and width of 6mm-12mm adhesive tape to be pasted on the entire frame of window and also including filling the joints/gaps with structural and weather silicon filling as per the drawing and as directed by the consultant including costs of hardwares such as non-corrosive /SS Screws, fastners, nuts, bolts, washers etc. complete and as per the drawings and detailed specifications including costs of all materials, labour charges, removing the debris out of the premises, cleaning the site etc, complete.</p> <p>The size of window openings and panel sizes shall be as per the drawings and as detailed below for each floor:</p> <p>A&B and D&E wing(typical for 3rd to 7th Floor) : Window opening size / Each panel size: Two openings of each size 14325mm x 914mm / Panel size 1102mm x 914mm out of which 3 panels shall be openable windows and others shall be fixed</p>				
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<p>windows.</p> <p>C Wing for (all floors from 3rd to 8th Floor) : Centre portion: Window opening size / Each panel size: 19812mm x 914mm / 1238mm x 914mm out of which four panels shall be openable windows and others shall be fixed windows.</p> <p>Side portion: Window opening size / Each panel size: Two opening of each size 4750mm x 914mm / Each panel size 914mm x 914mm out of which two panels shall be openable windows and others shall be fixed windows.</p> <p>A&B and D&E wing(8th Floor) : Window opening size / Each panel size: Two openings of each size 14325mm x 2134mm / Panel size 1102mm x 2134mm out of which 3 panels shall be fixed cum openable panel having size of fixed portion and openable portion(bottom portion) shall be 1102mmx1067mm each and other panels shall be fixed windows.</p> <p>Staircase landing windows: Window opening size / Each panel size: Four opening of each size 2956mm x 914mm / Each panel size 739mm x 914mm of which two panels shall be openable windows and other panels shall be fixed windows.</p> <p>Note: 1. Number of openable panels mentioned in the drawing may vary as per the requirement, however no addition or reduction shall be applicable in the quoted rate if any quantity variation in this regard.</p> <p>2. Before starting fixing of windows, the contractor has to prepare a window Mockup & get it approved by consultant / NABARD officials. Accordingly the contractor should prepare the shop drawings and submit to consultant/NABARD before execution. The mock-up/site installation shall be tested at approved laboratories for its strength, wind pressure and water proof and tests certificate shall be produced to the Consultant/NABARD. Order shall be placed for the materials only after mock-up is approved by the Consultant/NABARD. The cost for preparing window Mockup, shop drawings and laboratory tests shall be included in the quoted rates.</p> <p>3. Code name mentioned are of Euro make extrusions. Equivalent Sections in Jindal or other approved</p>				
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	<p>brand shall be allowed as per the approval of the Consultant/NABARD.</p> <p>4. The contractor should provide performance and water proof warranty for 15 years for the structural windows from the date of completion of the project in Rs 200/- non-judicial stamp paper as per the specified format given in the tender.</p>				
14.	<p>Supplying and Fixing 50mm PVC Pipes with necessary fittings for the Air conditioners water drainage outlet:- Supplying and fixing with new P.V.C drain pipes (pressure rating 6 kg/sqcm) and fittings, in proper line & level with proper spacers so as to locate the lines at least 2" away from the wall including, GI clamps, and seal the joints properly with approved solvent including costs of all materials, labour charges etc. complete.</p>	60	m		
15.	<p>Supplying & applying Dash coat plaster:- Supplying applying cement dash coat for the area where the requirement of average plaster thickness is more than 25mm(Wherever instructed by the consultant/NABARD), up to 50mm thickness in 1:3 C.M. with ICWPA, embedding small brick pieces in it so as to bring the uneven surface in level. Cure this dash coat at least thrice in a day and upto minimum four days including costs of all materials, labour charges, etc. complete. .</p>	500	Sqm		
16	<p>Premium Exterior Higher grade Elastomeric heat reflective Water proof Cool Paint with proper preparation of surface :</p> <p>Preparing the external surface (i.e. existing ceramic kent tile/ plastered exterior surfaces of walls, ceilings, beams, columns, canopies, staircase head room walls, retaining wall sides of approaches to the basement. Chimney, basement air exhaust structure, generator room wall, Service duct wall,) by cleaning with water by using detergent/cleaning material, wire brush, mechanical means as approved by the consultant/NABARD without disturbing the existing water proofing coating in the joints of tiles etc. complete at all levels as directed. It may be noted that external surface having waterproofing coating is around 13000 sqm. The surface shall be properly prepared by removing all the foreign matters such as dirt, grease, laitance, mortar droppings, loose and flaking materials, Moss, fungus including improperly</p>	20683	Sqm		

<p>applied existing chemical waterproofing coatings (where ever reqd.) by using suitable fungicide solution or Detergent solution or bleach or diluted HCL solution or diluted muriatic acid solution or cleaning liquids of reputed brands as approved by the consultant/NABARD and there after wash the surface thoroughly with clear fresh water. Necessary repairs shall be carried out to defective surfaces like porous, cracks, undulations, chalky surfaces, gap between marble soffit of windows and wall etc. in such a way that all the minor cracks on the surface shall be filled by acrylic crack fillers as per paint manufacturer specification and major cracks(more than 3mm wide) shall be filled with polymer based crack fillers of M/s Roff(multiseal GP)/ Fosroc/pidilite by expanding the crack as V-grove cut and much wider cracks (more than 20mm) shall be filled with polymer modified mortar using polymer of M/s Roff/Fosroc/pidilite in the ratio 1:5:12.5 (polymer:cement:sand) including silicon sealant wherever necessary and allow the surface to dry for 24 hours.</p> <p>After preparation of the surface, supplying and applying two or more coats (two coats of top coat plus 1 coat of base coat plus 1 coat of primer for vertical surface and 3 coats of top coat plus one coat of base coat plus one coat of primer for horizontal surface) of premium exterior grade Elastomeric heat reflective 100% acrylic water proof cool paint of make M/s Jotun (Jotashield Waterxtreme with Base coat and Penetrative primer) / M/s Asian Paints (Apex Ultima Protek with Dralife Base coat and Smartcare Terrace Tile Primer) or equivalent paint of other reputed paint manufacturer as approved by the consultant/NABARD with 10years Waterproofing and 10 years Performance warranty in the approved shade and colour (as selected by the Consultant/NABARD after the quality tested on samples applied at the site). as per the manufacturer's specifications on the exterior surfaces of walls, ceilings, beams, columns, canopies, staircase headroom walls, chimneys, basement exhaust structure, duct wall etc. complete as directed. Prior to applying the painting, damaged portion of plaster if any shall be removed and replastering in patches with CM 1:4 to match the adjacent surfaces as per the specification of plastering mentioned against the tender, (area of patches of cement plaster</p>				
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	<p>exceeding 0.10 Sqm for repairs will be considered separately for payment and area of patch plaster upto 0.10 sqm shall not be paid & shall be part of the painting).</p> <p>The rate shall also include costs of Spiderman technique / Jhula if any, costs of all materials, sundry items, labour charges, water charge, curing, disposing of the debris to public dump yard out of the premises, cleaning the site etc. complete.</p> <p>Note:-</p> <p>i) The contractor should arrange the water for cleaning the surface and painting and required PVC/metal tanks for storage with the test certificate of water at his cost.</p> <p>ii) Area to be covered: Exterior surface of the building, Ramp area, external compound structure such as Stair case structure to basement and mushroom air ducts, compound wall, Generator room, terrace structure such as machine room, beams, parapets, parapet wall above emergency exit at 2nd floor, chimneys at 2nd floor top areas and Main service ducts inner walls of the building. The quantity given as per the standardized measurement based on previous settled bill, hence the area will not be measured again. Only additional and deduction if any shall be measured.</p> <p>iii) Paint should be purchased only after approval of sample by Consultant/NABARD.</p> <p>iv) The contractor should provide performance and water proof warranty for 10 years for the applied paint from the date of completion of the project in Rs 200/- non-judicial stamp paper as per the specified format given in the tender.</p>				
17.	Supplying and applying Synthetic Enamel Paint:				
i)	<p>for Stair case Hand rail: Removing by scrapping the blistered paint completely and preparing the old painted surfaces suitably for painting as directed and providing and applying two coats of first quality synthetic enamel paint of approved manufacturer and shade to top and side surfaces of wooden part of hand rail of stair case inside the building at all floors as per specification and finishing smoothly including cost of all materials, scaffolding, labour charges with one coat of wooden primer(as per the requirement as approved by the consultant/NABARD) as per manufacture's specification and as directed etc. complete.</p>	60	Sqm		

ii)	<p>for MS Doors and Frames: Removing by scrapping the blistered paint completely and preparing the old painted surfaces suitably for painting as directed and providing and applying two coats of first quality synthetic enamel paint of approved manufacturer and shade to both side surfaces of M.S. door with one coat of Red-oxide primer(as per the site requirement as approved by consultant/NABARD) as per manufacturer's specification and finishing smoothly including cost of all materials, labour charges, scaffolding etc. complete as directed.</p>	50	Sqm		
18.	<p>Supplying and applying Aluminium paint: Supplying and applying Aluminium paint on Rolling Shutters as per the manufacturing specifications including costs of all materials, labour charges, scaffolding etc. complete.</p>	160	Sqm		
19.	<p>Supplying and applying Premium interior grade acrylic emulsion paint: Supplying and applying two or more coats of premium interior grade acrylic emulsion paint of Asian Paints make Premium emulsion / equivalent in Jotun, ICI Dulux Akzonobel or in Nerolac make and shade as approved over a coat of interior primer of manufacturer as per manufacturer's specifications to the interior surfaces of walls, ceilings, beams, columns, canopies staircase rooms, lobbies, etc. and finishing smoothly using 4" brush and roller, including scaffolding upto the height of ceiling without any limitation of floor height for scaffolding, etc. complete as directed by the Consultant/NABARD.</p> <p>The internal surfaces shall be prepared by removing old peeled off painting and damaged Neeru / POP punning completely mechanically by scrapping the surface with putty blade and wire brush and if necessary using hand machine cutter/scrapper where ever required as per the site conditions, and expose the original sound surface (expose original plastered surface in case of damaged Neeru / POP surface), then clean the entire surface by sand papering, removing dusts and washing with fresh water and keep the surface for drying. Removing damaged portion of plaster if any and re-plastering in patches with CM 1:4 upto 25mm thickness in two layers as per the requirement of site conditions in patches or stretches and to match with the adjacent surfaces, (area of patches of cement plaster exceeding 0.10 Sqm for repairs will be considered separately for payment). Then the prepared damaged surface (surface after removal of damaged neeru and re-plastered surfaces) in patches or stretches shall be leveled by applying with 2 coats of Birla white wall care putty having minimum 3mm thickness in two coats and finish the putty surface with papering after adequate drying at all levels and floors.</p>	2734	Sqm		

	<p>Before applying the interior primer coat, all the minor cracks on the surface shall be filled by acrylic crack fillers as per paint manufacturer specification and major cracks (more than 3mm wide) shall be filled with polymer based crack fillers of M/s Roff/Fosroc/pidilite by expanding the crack as V-grove cut and much wider cracks (more than 20mm) shall be filled with polymer modified mortar using polymer of M/s Roff/Fosroc/pidilite in the ratio 1:5:12.5 (polymer:cement:sand) and the crack filled area shall be finished with Birla white wall care putty to make the surface even and smooth. The entire prepared surface (i.e prepared surface in good condition, prepared surface having peeled off surface of old paint, prepared crack filled surface and prepared surface having patch-up Birla wall care putty) shall be finished with acrylic putty of the paint manufacturer or other superior grade as approved by NABARD to have a uniform surface which shall be sand papered, cleaned from all dusts and smoothened for receiving paint.</p> <p>The rate shall be for the work at all levels of floors including costs for all materials, labour charges, scaffolding, proper covering of the floors / windows / fixtures / furniture with tarpaulin, polythene or equivalent covering material, cleaning the surface after repairs, curing as per standard etc. complete all as per specifications and including cost for disposing debris in the Municipal dump yard and also as directed by the Consultant/NABARD etc. complete.</p> <p>Note: Area to be covered: Interior staircase area at A,B, D & E wings. The quantity given as per the standardized measurement based on previous settled bill, hence the area will not be measured again. Only additional and deduction if any shall be measured.</p>				
20.	<p>Application of paint and cleaning on Miscellaneous surfaces:</p> <p>Supplying and applying two coats of synthetic enamel paint/Bitumastic paint/Aluminium paint to GI water pipes, CI soil and rain water pipes, yard electric lamp posts all CI/GI pipes and MS supports in Main Service ducts, Fire fighting water supply pipes in exposed surfaces and ducts, , tube light frames, MS support & structures of Air-conditioning and Fire fighting water supply pipes at terrace, etc., light shades, manhole covers, MS covers, MS ladder to overhead tanks, terrace, MS grill & Barbed wire fencing at compound wall, compound wall MS Gates, weld mesh and wire mesh, electric panel Board, street light poles and pedestals with its fixtures, flag masts, exposed electric conduit pipes, GI/MS pipes for fire hydrant water pipes, fire hydrant posts, MS grill grating of open drains all round the building. Before applying painting, one coat of Red oxide special metal primer of MRF make shall</p>	Job	L.S.		

	be supplied and applied on rusted /unpainted surfaces where ever required as directed by the consultant/NABARD. The surface of metal shall be prepared by scrapping and removing rust with rust removing solution and cleaning the surface completely before applying primer and topcoats. The area of external surface of the building, roof terrace, ducts, installations in the compound in open space and compound wall area shall be covered under the application. The cost includes costs of all materials, single scaffolding if any labour charges etc. complete as directed.				
21.	Supplying and applying Terracotta paint on plinth protection pavement tiles around the office building including costs of all materials, labour charges etc. complete.	425	Sqm		
22.	<p>Supplying & applying Metallic Painting on the Metal Canopy :</p> <p>1. Remove all loose, flaking paint with a scraper and remove corrosion, oil, grease, dust from the metal canopy. Clean the surface with soapy water and a long-handled scrub brush. Rinse the soap with a water hose. Allow the surface to dry completely.</p> <p>2. Trim the grass and cut back the bushes around the canopy for easier access to the surface for painting. Rake leaves and debris away from the base of the building.</p> <p>3. Supplying and applying Premium grade Metallic paint of Asian/Jotun/ICI Dulux Akzonobel/Shere Williams make followed by one coat of metal primer on the prepared surface using paint spray gun as per the manufacturer's specification and shade as approved by Consultant/ NABARD.</p> <p>The rate includes costs of all materials. Labour charges, scaffolding etc, complete.</p>	250	Sqm		
23.	<p>Supplying and applying Synthetic enamel Paint on letters and Symbols (Logos) of NABARD:</p> <p>Supplying and applying premium Grade synthetic enamel Paint on Letters and Symbols (logos) at any height of NABARD including costs of all materials, labour charges, cleaning etc. complete.</p> <p>1. Painting of Letters in "National Bank for Agriculture and Rural Development" of each</p>	2	No		

	letter size approximately 20 cm and a Logo of size approximately 30cm at 2 nd floor height at emergency exit.				
	2. Painting of Letters in “National Bank for Agriculture and Rural Development” of each letter size approximately 30 cm and a Logo of size approximately 40cm at 1st floor height at front canopy.	1	No		
	3. Painting of Letters in “NABARD” of each letter size approximately 60 cm and a Logo of size approximately 180cm at top of the all four sides of the building.	4	No		
I	Total Amount				
II	Buy Back				
	Buy back the existing removed three track/Z-Section aluminum windows with channels and glasses and giving salvage value to NABARD and take away the item out of the premises.	525	Sqm		
III	Net Total (I - II)				
IV	Add GST @% on III				
V	Grand Total including GST(III + IV)				

Amount in words:

Note:

a) The contractor shall produce Original Tax Invoice in respect of all consumed materials for the work at site for reference and verification of NABARD. The original invoices shall be returned to the contractor after verification by NABARD.

b) If there is more than 5% variation on the cost of materials where the basic prices are mentioned, addition/deduction as the case may be as difference of cost of material, will be made on the material cost for the finished item of the work. If the variation is upto 5%, no addition/deduction will be made on the respective item of work in this regard.

Basic price means Invoice value including all taxes

c) The entire treatment shall stand guarantee from external treated surfaces for a period of Ten (10) years for Waterproof heat resistant and from Aluminium

Structural Glazed windows for a period of Fifteen (15) years for water proof. The guarantee shall be given on the regular format as enclosed with the tender and on Rs. 200/- non-judicial stamp paper taken in the name of NABARD.

d) All the glazed windows/doors etc. shall be masked properly to avoid spillage of the paint on glass etc.

e) Strict adherence in following product manufacturer's procedures for mixing, application, curing period, phased work allowance, coverage of individual products is desired.

f) Treatment with periodical technical expertise shall be followed as per the manufacturers specifications during any stage of work and as work progresses.

g). The building is Basement + 9 upper storeyed building & hence contractor has to observe all safety procedure while working on heights as per I.S. 3696 (Part-I) - 1987. (Safety Code for scaffolds). The contractor shall provide the double scaffolding with two vertical rows of bamboo as per soecifications and requirement as per the specified item in the SoQ.

h). Labours working on the scaffolding shall be provided with safety belts, helmets and they should wear the same while working at contractor's own cost and no extra payment shall be made for same. Labours seen not wearing safety belts & helmets shall be sent out of the work site immediately.

i). The scaffolding once provided for the repair/painting work shall be removed only after the entire repair/painting work is completed in all respects.

j). Suitable double nylon net with a mesh size of 25mm/50mm shall be provided at 4 M. height from the ground level around the buildings upto a distance of minimum 3 M. from the edge of the building in all sides to catch any falling objects causing accidents and offer protection to vehicles parked and people around as per the specified item in the SoQ.

k)The contractor shall take insurance policy (All Risk Policy) and Workmen Compensation Policy on the basis of quoted amount in the tender in the joint names of NABARD and the contractor with first name as NABARD and total premium will be paid by the contractor.

l) The contractor has to take all the necessary permissions from the statutory authorities like BMC, MMRDA etc., if required.

m) The scaffolding of external plain wall shall be removed only after approval of NABARD and contractor shall allow the other working agencies if any in the premises to use the same without any cost.

n) It is mandatory to quote for all the items of the price bid.

o) The bidders are advised to visit the site and well aware the conditions before quoting the rates.

p) The contractor shall submit "No-claim Certificate " alongwith Final Bill.

Accepted terms & conditions

Place :

Date :

Signature with Name & Seal of bidder