

INDIAN BANK - MYLAPORE BRANCH

TENDER DOCUMENT - PRICE BID

CIVIL RENOVATION WORKS

Last Date of Receipt of Tender : Before 2.00 PM on 15.02.2024

Opening Of Tender On : 16.02.2024 at 11 AM

ARCHITECTS / CONSULTANTS

NANDA & ASSOCIATES
Architects
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Cost Summary

Client : Indian Bank,Chennai South ZO.,		
Project: Proposed Civil Renovation work for Indian Bank - Mylapore Branch		
Architect : M/S.Nanda & Associates,Chennai.		
Subject :Cost Summary		
S No	Description of Item	Amount (INR)
i	Civil works (A)	
vi	GST(S.GST 9% + C.GST 9%) = 18%	
	Grand Total	
Note:Taxes considered for estimate purpose. It may vary as per Govt norms and standards		

Client : Indian Bank,Chennai South ZO.,					
Project: Proposed Civil Renovation work at Indian Bank - Mylapore Branch.					
Subject : Bill of Quantity - Civil Works					
S.No	Description of work	Qty	Unit	Rate	Amount
1	Dismantling the damaged Doors and windows including removal of frames, Hinges, fastenings etc., complete complying with standard specification and as per the direction of the Engineer-In-Charge.	86.08	Sft		
2	Dismantling the damaged brick / stone masonry work in cement mortar and clearing away with carefully stacking the material useful for reuse for any thickness of wall under 3 m heights etc., complete complying with standard specification and as per the direction of the Engineer-In-Charge.	182.92	Cft		
3	Dismantling the flooring tile in cement mortar and clearing away from the site.	484.20	Sft		
NEW WORK					
4	Earth work excavation for all foundations in all type of soils and sub soils to the required depth for Footings, plinth / grade beams, etc., by mechinaries including manual excavation for the following type of soil / rock as per detailed specification. As per SS 20B as hard rock requiring blasting inclusive of shoring strutting and baling out water wherever necessary and including refilling 0 to 2.0m depth consolidation depositing the surplus earth in places shown clearing and leveling the site with an initial lead of 10 metre and lifts as specified hereunder etc., complete in all respects complying with relevant standard specification and as directed by the departmental officers.	600.36	Cft		
5	Supplying and filling of Gravel / Good Earth by lorry in Foundation basement filling and site filling with approved materials excavation from approved quarries and compacted to meet requirement of table 300-1, 300-2 of MORTH, in layers not exceeding 250 mm loose thickness, spreading, breaking clods, removal of roots and other organic materials to the required line, grade and cross-section including watering, spreading by Dozer, grading by motor grader and consolidation by vibratory road roller with desired field density not less than 95% of maximum dry density ,including all lead,lift, loading, unloading, all labour, hire charges of all machineries, Transportation, etc., complete in accordance with MORTH technical specification clause No. 305 and with all other incidental charges and as per the direction of the Engineer-In-Charge.	918.19	Cft		

CIVIL WORK-BOQ

S.No	Description of work	Qty	Unit	Rate	Amount
6	Supplying and Filling with M - sand in foundation and others sub structures for 100mm thick and well watered, rammed and consolidated by power compacter. The rate includes the cost of M sand, compacting with mechanical compactors, labour charges for leveling, loading & Unloading and Transportation charges etc., complete and as per the standard specification.	918.19	Cft		
7	Providing and laying plain cement concrete 1 : 4 : 8 ratio of (1 cement , 4 sand and 8 graded stone aggregate 40mm nominal size) in foundation and basement including dewatering wherever necessary and laid in layers not more than 15 cm thick and consolidation etc. The rate includes the cost of materials, labour charges, lifting charges, loading & Unloading and Transportation etc., complete and as per the standard specification.	406.12	Cft		
8	Supplying and erecting centering for sides and soffits including supports and strutting up to 3.30 m height with all cross bracing for plane surfaces as detailed below, using mild steel sheets of 90 X 60 cm 10 gauge stiffened with MS angle of 25 X 25 X 3mm for boarding, laid over adjustable span & jacks and supported by 50mm dia pipes for general pipes scaffolding systems @ a spacing of 1.20m c/c and vertical connected at a height of 2.0m c/c including 'C' & 'U' clamps and base receiver cup at bottom for connecting pipes etc and removable systems etc., the rate including cost of all materials, labour charges, wastages, placing, transportation, lead & lifts, tools & plants, fuels, fixing in position at all levels, heights, masking tape in sheet joints, consumables, etc. as complete with all respects complying with relevant standard specification, as directed by the Engineer-in-charge.				
a	For Column footing, plinth / grade beam, bed blocks, template surfaces, steps, piers, raft slab / beams and such other members	301.28	Sft		

CIVIL WORK-BOQ

S.No	Description of work	Qty	Unit	Rate	Amount
9	Providing and laying in position, Standardised Concrete Mix M-25 Grade in accordance with IS:456-2000 using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 350 kglms and maximum water cement ratio of 0.50, including admixture (plasticiser / superplasticiser) in recommended proportions as per IS:9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability with about (5.0 cu.m.) 7730 kg. of 20mm machine crushed stone jelly and with about (3.3 cu.m.) 5156 kg. of 10-12mm machine crushed stone jelly and with about (4.79 cu.m') 7670 kg. of crushed stone sand, but excluding cost of reinforcement grill and fabricating charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor/ roof slabs wherever necessary without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers. The coarse and fine aggregates to be used should comply with the requirements of IS Standards. (No separate payment will be made by the Department for the excess usage of materials).	476.75	Cft		
10	Supplying fabricating and placing in position steel reinforcement using mild steel or ribbed star rods for all RCC works as per the design given including cost of steel and binding wire also in all floors steel and binding wire shall be supplied by the contractors etc., complying with standard specifications.	6.46	MT		
11	Brickwork in Cement Mortar 1:3 (One cement and three sand) using Country bricks of size 8"3/4 x 4 1/4" x 2 3/4" in foundation, basement and superstructure including curing etc. complete complying with standard specification.	759.75	Cft		
12	Brick partition walls of 11.50cm thickness using best quality II class table moulded bricks 9"x4-3/8"x2-3/4" in Cement Mortar 1:3 (One Cement and Three Sand) and both side plastering with CM 1:5 12mm thick using hoop iron reinforcement if found necessary including curing etc. complete and as directed by the departmental officers. (Hoop iron reinforcement will be measured and paid for separately).	139.88	Sft		

CIVIL WORK-BOQ

S.No	Description of work	Qty	Unit	Rate	Amount
13	Plastering of 12 mm thick for Internal walls with cement mortar 1:5 (1 of cement : 5 of P sand) according to specifications. Rate shall include for providing GI mesh of nominal thickness at the junctions of masonry and concrete works to a width of 100 to 125mm including tying in position with suitable clamps/screws. The rate including cost of all materials, labour charges, wastages with necessary lead and lifts, working at all levels, transportation charges, loading, unloading, preparation of surface, necessary hacking in RCC surface, scaffolding, staging, tools and plants, fuel, curing, cleaning, consumables etc as complete with all respects complying with relevant standard specification and as directed by the Engineer-in-charge.	1,409.56	Sft		
14	Supplying and laying of Flooring with Joint free double charged vitrified tiles of approved quality, colour and design joint free of size 600 x 600 x 8mm thick of approved make, quality and colour in all floors over a base layer of cement mortar 1:3 (one cement three sand) 20mm thick and laid straight alignment and pointed neatly with colour cement at the rate of 0.40 kg/m ² laid without any air gap in the tiles neatly and fixing in position as per standard specifications and as directed by the departmental officers. The rate including cost of all materials, labour charges, wastages, necessary lead and lifts, working at all levels, transportation charges, loading, unloading, the same before handing over as complete with all respects complying with relevant standard specification and as directed by the Engineer-in-charge. (Including Skirting work)	1,043.72	Sft		
	Supply and fixing of Polished granite slab , 18 mm thick (average), for flooring including fixing in position cutting, chipping the wall, masonry touch up works etc., complete in all respects for all floors as directed by the departmental officers. (Basic cost Rs.100/- per Sq.ft)	132.75	Sq.ft		
15	Supplying and laying Tamin Paver Block with pattern 80mm thick, Grey, Black and Red colour of approved sample as per designed Pattern / drawing made of M40 concrete - 80 mm thick including transportation of the blocks to the site preparation of surface including supplying and filling with manufactured sand to 50 mm thick, levelling and compacting with plate vibrator and laying of the inter locking paving blocks with sand binding and final compaction with plate vibrator of 3 tonne capacity finishing the surface including cutting of blocks at the edges including all labour, materials, transportation, shifting etc., complete, as directed by the Engineer-in-charge.	344.32	Sft		

CIVIL WORK-BOQ

S.No	Description of work	Qty	Unit	Rate	Amount
16	Providing of 35mm thick factory made pre - laminated ABS (Acrolonitrile Butadiene Styrene) Door Shutter moulded indifferent desings consisting of all round frame made out of water proof solid PVC bar of size 20 X 32 mm reinforced by 32 X 32 mm 2 nos ., for vertical made out of LVL core material of 32 mm thick high density craft paper honey comb board, sandwiched on both sides with pre- laminated ABS sheets thickness of 1.5mm PVC edge bending of size 0.45mm on the vertical sides. hardware made out of steels coated butterfly hinges - 3nos for each shutter and ISI make SS round lock Complete complying with the standadrd Specification . the door shutter and frame should be got approved from the Departmental Engineer before on use.	43.04	Sft		
17	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of all materils, Labour charges for cutting, bending, welding, grinding, polishing, Transportation, electrical charges, etc. complete with all respects complying with relevant standard specification, as directed by the Engineer-in-charge.	118.36	Sft		
18	Supply and fabrication including welding for structural frame works with 75mm dia 4mm thk M.S pipe for columns 50 x 25mm x 4mm thk with necessary base plate and the rate inclusive of cost and conveyance of priming coat painting with zinc chromate primer, material and labour etc., complete complying with standard specification.	131.00	Kgs		
19	Roofing with best quality galvalume sheet (JSW) of 0.50 mm thick including cost of self taping screws and cutting the sheets to the required shapes if found necessary during execution including cost and conveyance of materials and labours etc, complete complying as directed by the corporational officer.	86.08	Sft		

S.No	Description of work	Qty	Unit	Rate	Amount
20	<p>Structural Glazing: Providing and fixing structural glazing fabricated from roll formed sections made of galvanized steel colour coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS277 with Zinc of 120 grams / sqm.) with total coated thickness of 0.72mm. The glass holding section made of 304 grade SS of 0.6mm thick. Galvanized steel sections are to be used as stiffeners inside the colour coated steel / powder coated sections as per the design requirement. Design calculations are made to suit wind pressures as given in IS</p> <p>875. Paint specifications: Primer coat with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7microns or powder coated with pure polyester powder upto 50-60 microns thick. Dimensions: The section should be of 37 x 53mm for frame vertical, 37 x 53mm for frame horizontal section and section for reinforcement should be of 31 x 55mm. glass holding section should be of 37 x 37mm for top and bottom grids in between should be of 37 x 18mm including cost and conveyance of labours, materials and scaffolding charges etc., complete.</p>	914.60	Sft		
21	<p>Providing and fixing of Aluminium Composite Panel (ACP) 4 sided having 50 x 25 x 1.50mm frame work vertical and horizontals out of specially designed extruded sections withstand wind pressure of 180 Kg/sq.m and fabricated fixed at all level elevation and heights. The extruded section cutting and fixing required space extruded section shall be of 6063 and alloy of BSH 9 confirming T is – 63400 rate shall included to fix the main frame with necessary clamps, fasteners, bolt nuts etc. The main frame of extruded section shall be of 22843 & 22739 (H9) grade conforming to BS 4174 (or) IS 8147. Rate shall included 4mm thick ACP sheet (0.25 + 3.5 + 0.25) alstrong or equivalent fixing with spacer tape and the ACP sheet bounded with special type structural sealant of dow corning 789 or equivalent in dust free conditions the gaps between ACP sheet to be filled with whether sealant and backer rod or 12mm foam sheet to ensure water and air tightness in all including cost and conveyance of labours, materials and scaffolding charges etc., complete complying with standard specification as directed by</p>	677.88	Sft		

CIVIL WORK-BOQ

S.No	Description of work	Qty	Unit	Rate	Amount
22	Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Louvered Ventilators of from the profile the size of outer frame 60mm x 58mm and shutter profile size of 60 x 78mm both profiles are reinforced with GI/1mm 125GSM and 100% corrosion free, the profile are multi chambered sections with wall thick of 2mm. The EPDM rubber (blackcolour) covered with all over the edges of frame and shutter. The corners and joints should be welded and cleaned. Radiations pin headed glass 4mm thick should be provided in the louvers. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The ventilator should be got approved from the Executive Engineer before use on work	5.38	Sft		
	Providing and applying emulsion, OBD, enamel paints after removing the damaged plaster, replastering with 12mm thk cement mortar wherever required, finished with POP to make the necessary smoothness, scraping, levelling & preparing the surface. Then apply two coats of Primer of approved make to be applied finished with two or more coats of acrylic emulsion paints. The work to be completed as per approval and direction of the Architect.				
a	Premium Acrylic Emulsion for Inner Walls	1409.58	Sft		
b	Exterior Emulsion wall coated primer 2 coats paint	2625.44	Sft		
c	OBD for the Ceiling Area	158	Sft		
d	Enamel Paint for R.S and Windows	403.5	Sft		
25	Supplying and fixing rolling shutters of approved make, made of 80 mm x 1.25 mm M.S. laths with 1.25 mm thick top cover. M.S. laths shall be interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 -part 1 and M.S. top cover of required thickness for rolling shutters. (with gear system for rolling shutter and Shutter cover)	174.00	Sft		
26	Providing and fixing in position collapsible steel Gate with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T- iron 40x40x6 mm, with 40mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming cot of approved steel primer.	96.00	Sq.m		
Civil Work Total					

Client : Indian Bank,Chennai South ZO.,

Project: Proposed Civil Renovation work for Indian Bank - Mylapore Branch

Subject : Make of materials- Interior Works

MAKES OF MATERIAL

1	Wood	Teak wood
2	Grid Ceiling	Armstrong / Daikin
3	Gypsum board	India Gypsum Ltd / La gyp /equivalent
4	Veneer	Uro / Garnet
5	Granite	Black colour g-20, Tiger black
6	Laminate	Merino / Greenlam / Asis / Century / Archid
7	Glass	Saint Gobain,Modi guard
8	Flush door	Greenply /Asis / IDEAL PLY , Assam Prestige make
9	Marine plywood	Century Shiny / Swing
10	Commercial plywood	Century Shiny / Swing / Assam top / Green line / Omega / Archid
11	Door closers	Ozone / Dorma / Ebco
12	Floor spring / Patch fittings	Ozone / Dorma / Ebco
13	Furniture hardware	Dorset / Godrej / Ebco / Hettich
14	Melamine coat	Asian or equivalent
15	Putty	Asian / Birla putty/ Jk putty
16	Paints	Asian paints / ICI Dulux / Berger
17	Texture	Terraco / Novatex
18	Adhesive	Fevicol SH , Araldite
19	Mortise locks	Godrej / Dorset/Monarch
20	Cylindrical lock	Godrej / Dorset/Monarch