



**KOLKATA PORT TRUST  
HALDIA DOCK COMPLEX**  
Office Of The Sr. Dy. Manager (IZ&R),  
Haldia Dock Complex.  
Operational Building, 2nd Floor, A- Block ,  
Chiranjibpur, Purba Medinipur - 721604  
Fax - 03224-252110, Ph:- 03224-252844



No. I&CF/IZ&R/Q/169

Dated: - 06.09.2016

**Quotation for construction of a toilet for physically handicapped persons in 'A' Block of ground floor together with a ramp at entrance of Operational Administrative Building, H.D.C, Haldia.**

Sealed quotations are invited for the subject work from enlisted contractors of I&CF Division, Haldia Dock Complex as per the following terms and conditions, specifications and enclosed bill of quantities.

- 1) Quotations are to be submitted in sealed envelope superscribing the name of the quotation to Sr. Dy. Manager (IZ&R)'s Office at Chiranjibpur Operational Building, Haldia, HDC **within 15:00 Hrs on 19.09.2016** as per details specified in Bill of Quantities and Quotations shall be **opened on the same date after 15:30 Hrs.**
- 2) Enlisted contractors under I&CF Division, HDC are eligible to participate in the quotation.
- 3) The Quotationer shall quote his rate as percentage above / below / at par with the estimated amount put to quotation properly based on his own analysis.
- 4) The work shall have to be executed as per the BOQ, G.C.C., workmanship mentioned in PWD Schedule of Rates and also as per direction of Engineer.
- 5) All Materials, equipments, tools and plants are to be supplied by the quotationer at his own cost. The work shall have to be **completed within 3 month** from the date of issuance of this letter including preliminary time.
- 6) Power and water required for the work shall be supplied free of cost.
- 7) The Quotationer shall include in their prices any sum payable as taxes (particularly Sale Tax), Royalty etc. or otherwise to the Govt. or public bodies or individuals and such taxes shall not be an extra charge payable by the Trustees. The bidder shall not include Service Tax in his rates. In case Service Tax is payable, it will be paid extra by the Trustees.
- 8) The bidder must initial any correction in rates.
- 9) Payment will be made based on measurement as stipulated in the bill of quantities as per accepted rate after completion of work.
- 10) The contractor shall maintain the works allotted to him as per Clause 9.0 of the General Condition of Contract for a period of 6 (six) months from the date of completion as certified by the Engineer or his representative in form G.C. 1.

**M . K. Acharya  
Sr. Dy. Manager(IZ&R)  
I & CF Division**

**BILL OF QUANTITIES****Quotation No.- I & CF / IZ &R / Q /169****Quotation for construction of a toilet for physically handicapped persons in 'A' Block of ground floor together with a ramp at entrance of Operational Administrative Building, H.D.C, Haldia.**

It. No	Description of item	Qty	Rate [ Rs ]	Unit	Amount [ Rs ]
1	Dismantling all type of masonry work excepting cement concrete ( plain or reinforced) stacking the serviceable materials at site and removing rubbish as directed with in a lead of 75 m. in ground floor.	2	451.00	CuM	902.00
2	Stripping off worn out plaster and raking out joints of walls,ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75 m as directed.	5	19.00	Sq.M.	95.00
3	Cutting chase up to 125x150mm. in concrete surface and subsiquent mending of damages	7	116.00	M	812.00
4	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m	7	50.00	Sq.M.	350.00
5	Concealing pipe line by cutting chases in brick wall/ concrete wall including mending good all damage in cement concrete(4:2:1) with stone chips and cement plaster(4:1) of required thickness to match with nighbouring plaster surface including curing etc complete in all respect.	14	97.00	Mtr	1,358.00
6	Take out door and window frame including shutter (upto 2.50 sqm.)	4	133.10	Sq.M.	532.40
7	Provide and apply nominal mix plain Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded Pakur Variety stone chips of 20 mm nominal size) excluding shuttering as directed.	1.5	6,614.76	Cum	9,922.14
8	Provide and lay reinforced cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone chips of 20 mm. nominal size) in lintel, chajja, beam, column, slab etc.all complete as directed. Shuttering, reinforcement etc will be paid seperately under respective items.	0.80	7,430.05	CuM	5,944.04
9	Hire and labour charges for 25-30 mm th. Wooden shuttering for building works in slab, beam, lintels, chajjas etc .	10	381.70	SqM	3,817.00
10	M.S./Tor reinforcement including supply of rods, initial straighting and removal of loose rust, cutting to requisite length, bending, shaping and place in correct position, including binding / welding if necy. for the above item.	80	56.31	Kg	4,504.80
11	Provide and build 125mm thick brick work with 1st class bricks in cement mortar 4:1 (4 sand:1 cement) Include for chiselling out in walls and floors for proper bonding.	25	841.50	SqM	21,037.50

It. No	Description of item	Qty	Rate [ Rs ]	Unit	Amount [ Rs ]
12	Provide and lay cement plaster to exterior & interior surfaces 15 mm thick with 1:4 cement plaster (1 cement : 4 medium coarse sand). Include for making scaffolding and necessary curing etc. all complete and as directed.	60	184.80	SqM	11,088.00
13	Provide and lay 10mm thick plaster (1:4) with sand and cement mortar on interior wall surface including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary in ground floor level and as directed.	7	147.40	Sq.M.	1,031.80
14	Supplying and laying 30mm thick chequered tiles of any shade & of approved quality with (1:1.5:3) cement concrete laid in panels or patterns as directed including necessary underlay 25mm thick [avg] cement mortar (1:3) also using cement slurry @4.40kg/sqm at back side of tiles, @2.40kg/sqm for joint filling complete in all respect as directed.	7	624.80	Sq.M.	4,373.60
15	Supplying, fitting & fixing 1st quality Coloured decorative Ceramic tiles(area of each tile upto 0.09 Sq.m) in walls with polimerised adhesive and epoxy grout pointing including spacer - 2mm & joint filling using white cement slurry @ 0.20kg/Sq.m. mixed with colouring pigment if required to match the colour of tiles, including roughening/chipping of concrete/plastered surface as directed.	25	1,012.00	Sq.M	25,300.00
16	Supplying and laying true to line and level vitrified tiles of light coloured and approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after proper chipping the existing surfaces and apply cement slurry using 1.75 Kg of cement per sqm. below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, sy	6	1,602.70	Sq.M	9,616.20

It. No	Description of item	Qty	Rate [ Rs ]	Unit	Amount [ Rs ]
17	Supplying, fitting and fixing door and window frames with local Sal wood, fitted and fixed in position complete including a protective coat of painting with coal tar at the contact surface of the frames excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals).	0.06	92,017.20	Cu.M	5,521.03
18	Supplying, fitting and fixing 32 mm thick solid flush door shutter ( Single leaf ) , the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65 mm wide each and the entire frame fitted with 37.5 mm wide battens places with ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete.	2	3,063.50	Sq.M	6,127.00
19	Supplying, fitting and fixing 40mm X 6mm, 200mm length M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc.fix with cement concrete(1:2:4) including cutting of brick work/concrete work as per direction.	16	44.00	Each	704.00
20	Provide and fix oxidised iron butt hinges & parliamentary hings of approved quality Mowjee make with steel screws.				
	i) 75mm. X 47mm. X 1.70mm. Butt hing	4	48.62	Each	194.48
	ii) 100mm. X 58mm. X 1.90mm. Butt hing	8	74.36	Each	594.88
21	Supplying, fitting and fixing approved quality ' D' type anodised aluminium handle manufactured from extruded section conforming to I.S specification. Size 150mm grip x10mm.Dia rod.	6	122.10	Each	732.60
22	Supply, fit, & fix Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufacturer from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:				
	(i) 150mm long x 10mm dia. bolt.	4	80.30	Each	321.20
23	Supply, fitting and fixing 250 mm x 16 mm dia. anodized aluminium Aldrop / Sliding bolts of approved quality complete as directed.	2	297.00	Each	594.00
24	Provide and fix approved quality medium type Hydraulic door closer with necessary screws.	1	1,718.20	Each	1,718.20
25	Supply , fit & fix fixed type MS ventilator with integrated grills , glazing clips, lugs,etc. including cutting holes and mending good with 1:2:4 cement concrete after hoisting in position.	1.5	1,463.00	Sqm	2,194.50
26	Supply , fit & fix 4 mm th. Best Indian clear glass panes with nails and putty complete.	1.5	676.50	Sqm	1,014.75

It. No	Description of item	Qty	Rate [ Rs ]	Unit	Amount [ Rs ]
27	<p>Supplying fitting and fixing in position approved P.V.C. door frame (Matt finish) made of extruded P.V.C. multichamber hollow section having dimensions 60mm x 50mm x 2mm (+/0.2mm), horizontal section will be joined with vertical section by galvanised steel screws after inserting two number steel brackets as reinforcement making suitable space for placing hinges, one steel tube 40mm x 20mm x 1.20 mm will be inserted on one full vertical side of the frame (hinge side) as reinforcement, the frame will then be fixed in the opening with the help of P.V.C. expandable fastner/wooden gutties and galvanised steel screws including cost of all materials and labour, hire charges of tools and appliances, carriage of all materials, taxes and all other incidental charges complete.</p>	6	310.20	Mtr	1,861.20
28	<p>Supplying fitting and fixing 30 mm thick P.V.C. door shutter of approved quality &amp; shade in position, the style &amp; rail of the P.V.C. door shutter will be made of rigid P.V.C. multicavity hollow chamber of 59 mm x30 mm section with 2.0 mm (+/-0.2 mm) wall thickness.Horizontal &amp; vertical section shall be fixed to each other by self tapping screws and 1 solid polymeric or M.S. galvanised tubular 'L' shaped bracket 100mm x 200mm in each corner of the shutter frame for placing hinges. Polymer based multicavity hollow section of 120 mm x30mm with 2.0 mm (+/- 0.2 mm) wall thickness will be fitted in the middle, reinforced by solid polymer bar of 200 mm long at both ends and screws from both sides as lock rail.</p> <p>The section frame will then be fitted in by PVC panels of size 100 mmx25 mm with wall thickness of 1.2 mm (+/- 0.2 mm) and 2 nos. of 6 mm dia bright rod will be inserted horizontally with both side check and nut system and stretches where fixing of hinges / hasp bolt / tower bolt / door ring are required to be strong enough to with stand wear and tear. The rate is inclusive of cost of all materials, labour, and hire of tools and plants and appliances/c carriage of all materials taxes and all other incidental charges complete.</p>	2.5	2,363.90	Sqm	5,909.75

It. No	Description of item	Qty	Rate [ Rs ]	Unit	Amount [ Rs ]
29	Supplying, fitting and fixing PVC pipes of approved make of (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings, jointing materials as required, in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials etc.)				
	For Concealed Work				
	i) 15 MM dia.	7	141.00	Mtr	987.00
	ii) 20 MM dia.	7	164.00	Mtr	1,148.00
30	Supplying, fitting & fixing 110 mm. Dia. UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materials (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.	15	320.10	Mtr	4,801.50
31	Supplying, fitting & fixing UPVC, A- Type 110 mm. Dia. Bend (87.5 degree) conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materials (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.	2	178.20	Each	356.40
32	Supplying, fitting & fixing supporting hand rails ( one "L" & other "U" shaped of 2000 mm long each ) made up of 32 mm dia. S.S pipe with necessary fixtures at both side of commode for physically challenged persons all complete as directed.	1	4,200.00	Set	4,200.00
33	Supplying, fitting & fixing hand railing made up of 32 mm dia. S.S pipe consisting of 3.00mtr. long-2nos. Horizontal members, 3nos-1.00mtr. long vertical members including S.S continuous welding and finishing smooth at every joint, rounding off end edges etc. all complete as directed.	1	9,500.00	Set	9,500.00
34	Supplying, fitting and fixing Chromium plated 15mm dia. Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2	689.00	Each	1,378.00

It. No	Description of item	Qty	Rate [ Rs ]	Unit	Amount [ Rs ]
35	Supplying, fitting and fixing 15 mm dia.Chromium plated Concealed/angular Stop Cock (Equivalent to Code No. 514(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2	855.00	Each	1,710.00
36	Supplying, fitting and fixing 20 mm dia. Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.).	1	807.00	Each	807.00
37	Supplying, fitting and fixing 75 mm round PTMT overhead shower ( Prayag or equivalent) of approved brand and make.	1	208.00	Each	208.00
38	Supply, fit and fix 15 mm X 600 mm long PTMT connector pipe with PTMT Nut of approved make and brand .	1	126.00	Each	126.00
39	Supply, fit and fix 90 mm dia. Nihani floor trap including cutting floor and mending good all complete.	1	125.00	Each	125.00
40	Supplying, fitting and fixing C.P. over brass towel rail (25mm dia.and 600 mm long) with two brackets of approved quality.	1	554.00	Each	554.00
41	Supplying, fitting and fixing Anglo-Indian Commode with 'P' trap (with vent), in white glazed vitreous china ware of approved make complete in position with necessary seat cover,lid bolts, nuts etc.	1	3,965.00	Each	3,965.00
42	Supplying, fitting and fixing white vitreous china best quality approved make wash basin of size 550 mm X 400 mm with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality C.P waste, P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connector pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint.	1	2,504.00	Each	2,504.00
43	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern of approved quality conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.	1	1,181.00	Each	1,181.00
44	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame (size 550mm x 450mm) of any colour.	1	792.00	Each	792.00
45	Supplying, fitting and fixing soap holder of PTMT(Prayag or equivalent).	1	171.00	Each	171.00
46	Supplying, fitting and fixing 450 mm X 125 mm glass shelf with aluminium guard rails. Include for 5.5 mm thick glass sheet.	1	432.00	Each	432.00

It. No	Description of item	Qty	Rate [ Rs ]	Unit	Amount [ Rs ]
47	Provide and lay white cement base wall putty 1.5 mm thick approximate to smooth finish include for removing damaged plaster of paris,existing paint,white washing etc where necessary all complete as directed.	25	134.20	Sq.M	3,355.00
48	Provide and apply two coats of Acrylic emulsion paint in wall,ceiling etc. over a coat of primer of approved quality all complete.	30	73.70	SqM	2,211.00
49	Provide and apply priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.	8	45.10	SqM	360.80
50	Provide and apply priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.	2	34.10	Sq.M	68.20
51	Provide and apply two coats of approved quality synthetic enamel paint (other than Hi- gloss) on wood work including scrapping for preparation of surface before painting.	8	88.00	SqM	704.00
52	Provide and apply two coats of approved quality synthetic enamel paint (other than Hi- gloss) on steel work including scrapping for preparation of surface before painting.	2	84.70	Sqm	169.40

**Total estimated value = Rs 169,986.37**

[ Rupees One lakh sixty nine thousand nine hundred eighty six and paise three seven only. ]

RATE QUOTED BY ME/US IS: \_\_\_\_\_% ( IN WORDS \_\_\_\_\_ ) ABOVE / BELOW / AT PAR WITH THE ESTIMATED AMOUNT.

(Signature of the Bidder)