

Santrampur Nagarpalika, Santrampur

Name of Work: Bid Document of Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika under 15th Finance Grant 2024-25 (Tide)

SCHEDULE - "B1"

Name of Work : Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika

Item No.	Item	Total Qty.	Rate	Per	Amount
1	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil				
		15.30	157.16	cu.m	2,404.49
2	Providing and laying cement concrete work 1:2:4 (1- Cement : 2-Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations,footings, Base or columns and Mass concrete				
		6.10	4089.10	cu.m	24,943.49
3	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting				
		3.60	5223.57	cu.m	18,804.85
4	Providing laying controlled cement concrete M-250 work with curing complete including the cost of form work and excluding the rate of reinforcement for reinforced concrete work in. Upto floor two level (D) Column				
		3.30	6035.11	cu.m	19,915.87
5	Providing laying controlled cement concrete M-250 work with curing complete including the cost of form work and excluding the rate of reinforcement for reinforced concrete work in. Upto floor two level (C) Ground beams and plinth beams				
		5.00	5417.79	cu.m	27,088.97
6	Providing laying controlled cement concrete M-250 work with curing complete including the cost of form work and excluding the rate of reinforcement for reinforced concrete work in. Upto floor two level (C) Grade Slab upto floor two level				
		2.40	4994.24	cu.m	11,986.17
7	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.				

SCHEDULE - "B1"					
Name of Work : Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika					
Item No.	Item	Total Qty.	Rate	Per	Amount
		-0.80	136.92	cu.m	-109.53
8	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. Thickness including watering, ramming and consolidating etc. complete.				
		33.90	295.15	cu.m	10,005.66
9	Providing laying controlled cement concrete M-250 work with curing complete including the cost of form work and excluding the rate of reinforcement for reinforced concrete work in. Upto floor two level Ground Floor (C-1) Beams				
		3.70	6397.47	cu.m	23,670.66
10	Providing laying controlled cement concrete M-250 work with curing complete including the cost of form work and excluding the rate of reinforcement for reinforced concrete work in. Upto floor two level Ground Floor (C) Slab				
		2.90	6810.13	cu.m	19,749.37
11	Providing and laying ordinary cement concrete M-250 for R.C.C lintel including finishing smooth ith,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.				
		0.50	10695.16	cu.m	5,347.58
12	Providing and laying cement concrete M-250 for reinforced concrete Chhajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1-cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement.				
		0.40	7164.06	cu.m	2,865.62
13	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level				
		2877.50	77.29	Kg	2,22,388.16
14	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand) Extra for brick work in superstructure above plinth level upto floor two level(B) Conventional				
		14.50	4496.05	cu.m	65,192.66

SCHEDULE - "B1"					
Name of Work : Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika					
Item No.	Item	Total Qty.	Rate	Per	Amount
15	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional				
		12.00	696.33	Sq.m	8,356.01
16	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) finishing with a floating coat of neat cement slurry wall				
		133.20	247.71	Sq.m	32,995.32
17	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) finishing with a floating coat of neat cement slurry. for plastering on ceilings and soffits of stairs upto floor two level instead of plastering on Ceiling				
		28.90	273.77	Sq.m	7,911.97
18	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.				
		117.30	345.75	Sq.m	40,556.86
19	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete				
		117.30	120.26	Sq.m	14,106.58
20	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.				
		162.10	40.59	Sq.m	6,579.95

SCHEDULE - "B1"					
Name of Work : Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika					
Item No.	Item	Total Qty.	Rate	Per	Amount
21	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.				
		162.10	82.85	Sq.m	13,430.03
22	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick				
		35.68	1019.39	Sq.m	36,371.94
23	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.				
		3.60	1177.56	Sq.m	4,239.21
24	Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.				
		51.60	1488.24	Sq.m	76,792.93
25	Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry				
		7.30	1045.60	sq.m	7,632.90
26	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.				
		8.80	5338.30	sq.m	46,977.08

SCHEDULE - "B1"					
Name of Work : Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika					
Item No.	Item	Total Qty.	Rate	Per	Amount
27	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm , @ Wt. 0.643 Kg/mt with colour Powder Coated aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation.				
		1.80	1175.56	sq.m	2,116.01
28	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.				
		54.00	107.75	Kg	5,818.33
29	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.				
		1.80	92.26	sq.m	166.07
30	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.				
		23.12	779.70	sq.m	18,026.66
31	Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-Fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour				
		3.00	1356.81	Each	4,070.44
32	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour				
		3.00	995.50	Each	2,986.49

SCHEDULE - "B1"					
Name of Work : Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika					
Item No.	Item	Total Qty.	Rate	Per	Amount
33	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.				
		3.00	1074.86	Each	3,224.59
34	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm				
		1.00	1635.22	Each	1,635.22
35	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.Providing and fixing M.I. fisher union for washbasin or sink. (B) 40mm dia.				
		2.00	1629.96	Each	3,259.92
36	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I screed down or hinged grating including the cost of cutting and making good the walls.				
		7.00	586.27	Each	4,103.92
37	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia.				
		2.00	308.73	Each	617.45
38	Providing and fixing brass screw down stop tap.(A) 15mm dia.				
		2.00	205.83	Each	411.66
39	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.				
		4.00	263.77	Each	1,055.09
40	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.				
		4.00	186.83	Each	747.32

SCHEDULE - "B1"					
Name of Work : Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika					
Item No.	Item	Total Qty.	Rate	Per	Amount
41	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type.				
		4.00	1292.19	Each	5,168.78
42	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm				
		5.00	447.72	Rmt	2,238.61
43	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm				
		5.00	253.82	Rmt	1,269.12
44	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.				
		5.00	170.36	Rmt	851.78
45	Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.				
		15.00	876.90	Rmt	13,153.53

SCHEDULE - "B1"					
Name of Work : Construction work of Public Toilet Block Fire Office Jode at Santrampur Nagarpalika					
Item No.	Item	Total Qty.	Rate	Per	Amount
46	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:3 (1-Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.				
		1.00	11042.74	Each	11,042.74
47	Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace				
		2000.00	3.95	Litr	7,898.20
	Total				840066.72
	Add Electrification 5%				42003.34
	Say				882070.06