



SBI INFRAMANAGEMENTSOLUTIONS PVT. LTD. (SBIIMS)
(A Wholly Owned Subsidiary of SBI)

Circle Office: 4th Floor, SBI, Local Head Office, III/1, Pt. J N Marg,
Kharvelnagar,
Bhubaneswar-751001

Tender for Civil works of
For construction of Toilet Block, Septic Tank and Soak Pit at SBI Bolangir
(Price Bid)

Tender ID: BHU201910004
Date: 16.10.2019

Name of the Tenderer.....

Address:.....

.....

GSTIN:.....

(Eligible for doing business at Orissa)

**SBI BOLANGIR CIVIL WORKS
PRICE BID**

No	Description of work	Unit	Qty
A. Preparation of Rooms for Toilets			
1	Half Brick work using locally available good quality bricks for toilet partition walls with cement mortar of 1:3 (cement: Coarse sand). At every 1m, two nos 6mm bars shall be laid. Rate shall include lifting of materials, curing etc complete	<i>Sqm</i>	45.00
2	Finishing the wall surface with 12 to 15mm thickness plaster in proportion 1:4 (cement: coarse sand) to make the surface truly line and level including scaffolding, curing etc complete. At any level and height)	<i>Sqm</i>	150.00
3	Dismantling both floor and wall tiles including disposal of debris as directed outside the municipal area	<i>Sqm</i>	60.00
4	Dismantling PVC/GI pipes (external/ internal) manually / by mechanical means including stacking of pipes within 50m lead as per direction of engineer-in-charge. Upto 40mm dia	<i>Rmt</i>	10
5	Demolishing PCC loose concrete for water proofing work including disposal of the same	<i>Cum</i>	0.5
6	Dismantling all plumbing fittings and stacking the serviceable materials and stacking serviceable materials within 50m lead	<i>Job</i>	1
7	Providing and laying cement concrete in floors of toilet area at first floor including cots of centring and shuttering in proportion of 1:1.5:3 (cement: coarse sand: 20mm and down graded sten aggregate)admixed with conplast WL @ 125ml per bag of cement	<i>Cum</i>	0.5
8	Providing and laying water proofing treatment in portion of WCs	<i>Sqm</i>	30
9	Removing existing paints, putty by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc complete	<i>Sqm</i>	60
10	Providing and laying floor tiles antiskid 400mmx400mm x thickness as per manufacturers specification in cement mortar of 15 to 20mm in proportion 1:3 in line and level maintaining proper slope for water to drainage. The tiles shall be premium quality joint free of make Orient Bell (Aravali Ash) equiv of somany/ Kajaria as per sample approved by engineer-in charge. Price Rs 39 per sqft discounted price)	<i>Sqm</i>	30
11	Providing and laying wall tiles upto 7 Feet height, of size 300mmx600mm GVT wall tile with backing mortar of 12 to 15mm in line and level upto 7' height in 1:3 (cement: 3 coarse sand). Make : Orient bell (ODG Victorl VT)/Kajaria/ Somany . Basic price: Rs 59 per sqft (discounted price)	<i>Sqm</i>	106
12	Providing and fixing 30mm thickness flush door of Sylvam/ Globe/ century finished with teak wood lipping on all edges , three hinges for each door, one door stopper, one door closer of godrej make, one mortise lock of godrej make per door etc complete. The both surface shall be finished with 1mm thick laminate of approved shade.	<i>Sqm</i>	4.2
13	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) : Second class teak wood	<i>Sqm</i>	0.102
14	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron)	<i>KG</i>	50
15	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides	<i>Sqm</i>	8.4

16	Finishing the wall surface with putty of Birla/ Asian. Berger with thickness of 2mm to make the surface in line and level including gyp ceiling. For applying putty in gyp ceiling, uniform thickness of putty will be maintained which may be 2 to 4mm as	<i>Sqm</i>	200
17	Roller Finishing the wall surface with two or more coat of wall primer followed by two or more coats of acrylic based tractor emulsion paints of asian or equiv of berger/ ICI/ with approved shade and colour including gyp ceiling.	<i>Sqm</i>	200
B. Plumbing & Sanitary Fittings			
18	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	<i>Each</i>	2
19	Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	<i>Each</i>	2
20	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern	<i>Each</i>	2
21	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mix	<i>Each</i>	3
22	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	<i>Each</i>	2
23	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. Brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete	<i>Each</i>	2
24	Providing and fixing toilet paper holder :C.P. brass	<i>Each</i>	4
25	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I./ C.I. Pipes : 75 mm dia pipe	<i>Each</i>	4
26	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :100 mm inlet and 75 mm outlet :Sand Cast Iron S&S as per IS- 1729	<i>Each</i>	4
27	Cutting chases in brick masonry walls for following diameter pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) : 100 mm dia	<i>Meter</i>	2
28	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour : Waste coupling 38 mm dia of 83 mm length and 77mm breadth, weighing not less than 60 gms	<i>Each</i>	2
29	Providing and fixing PTMT Bottle Trap for Wash basin : Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms	<i>Each</i>	2
30	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms	<i>Each</i>	2
31	Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes, weighing not less than 60 gms.	<i>Each</i>	2
32	Providing and fixing PTMT urinal cock of approved quality and colour 15 mm nominal bore, 80 mm long, 42 mm high and 30 mm wide with BSP female threads weighing not less than 48 gms	<i>Each</i>	2

33	Providing and fixing PTMT pillar cock of approved quality and colour 15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms	Each	2
34	Providing and fixing PTMT stop cock of approved quality and colour : Concealed stop cock, 15 mm nominal bore, 108 mm long, weighing not less than 108 gm	Each	4
35	Providing and fixing PTMT grating of approved quality and colour : Rectangular type with openable circular lid :150 mm nominal size square 100 mm diameter of the inner hinged round gratin	Each	6
36	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms : 15 mm nominal bore	Each	4
37	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 : 15mm nominal bore	Each	2
38	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge	Each	5
39	P&F hand showers with faucet of approved sample	Each	2
40	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 25 mm nominal bore: Vertical	Each	1
41	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge : Internal work - Exposed on wall		
i	15 mm nominal outer dia Pipes	Meter	10
ii	20 mm nominal outer dia Pipes	Meter	5
42	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.		
i	15 mm nominal outer dia Pipes	Meter	30
ii	20 mm nominal outer dia Pipes	Meter	10
iii	25 mm nominal outer dia Pipes	Meter	10
43	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work		
i	25 mm nominal outer dia Pipes	Meter	10
ii	32 mm nominal outer dia Pipes	Meter	5
44	Providing and fixing un-plasticised PVC connection pipe with brass unions :		
i	30 cm length : 15 mm nominal bore	Each	2
ii	45 cm length : 15 mm nominal bore	Each	2
C. Drainage, Soak Pit and Septic Tank			
45	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	2

46	Providing and fixing S.W. intercepting trap in manholes with stiff mixture of cement mortar 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 100 mm dia	<i>Each</i>	5
47	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : For pipes 100 to 250 mm diameter	<i>Each</i>	2
48	Providing and laying Non Pressure NP-4 class (Heavy duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 450 mm dia RCC pipes	<i>Meter</i>	10
49	Providing and fixing PVC soil waste and vent pipes 100mm dia with all necessary bends etc	<i>Meter</i>	20
50	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.	<i>CUM</i>	40
51	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	<i>CUM</i>	4
52	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:4 (1 cement : 4 coarse sand)	<i>CUM</i>	5
53	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:3 (1 cement: 3 fine sand)	<i>SQM</i>	50
54	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level in 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	<i>CUM</i>	2
55	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Mild steel and Medium Tensile steel bars	<i>KG</i>	200
56	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	<i>Each</i>	1
57	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	<i>Each</i>	1