

STATE BANK OF INDIA.**PROPOSED RURAL SELF EMPLOYEMENT TRAINING INSITITUTE AT NEEMUCH IN MP****DIRECTOR BUNGALOW****SCHEDULE OF ITEMS-CIVIL WORK**

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
A	Civil Work				
1	Excavation in any type of soil using mechanical or manually and keeping a side excavated earth (except black cotton) for refilling the pit after the foundation is done including ramming watering the pit and using the excess earth for levelling the ground, filling in plinth etc. (please note that black cotton soil will not be used for filling but shall be carted away to any lift or lead as directed by local authority/ Architect). Rate includes labour cost for filling back surplus excavated approved earth in layers not exceeding 25 cm watered and consolidated and spreading surplus material within the plot and carting away extra material out of site complete as directed at site.				
	Upto minimum depth of 1.5 meter to maximum 2.50 meters in all kind of soil excluding Hrad Rock.				
	(i)Director Bungalow	Cum	70.00		
2	Excavating/ Removing/ Breaking existing boulders/ hard rock from site upto depth of 1.5 meter and carting away to any lift or lead as directed by local authority/ Architect). Rate includes labour cost for filling back surplus excavated approved material in layers not exceeding 25 cm watered and consolidated and spreading surplus material within the plot and carting away extra material out of site complete as directed at site.				
	(i)Director Bungalow	Cum	15.00		
3	Filling in plinth and site with approved quality murum brought from out side (at Contractor's cost) in layers not exceeding 15 cm thick including watering and compaction complete as directed.				
	(i)Director Bungalow	Cum	120.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
4	Providing and laying 230 mm thick hand packed Murrum boulder (approved quality stones) soling including filling the voids with approved quality murrum/hard soil including watering and compaction complete as directed at site.	Sqm	95.00		
5	Providing and laying P.C.C. 1:2:4 in plinth, foundation, coping, plinth protection etc including necessary shuttering, curing, vibrating, compacting etc, at all heights and locations. The P.C.C. may be casted in panels as desired by the Architect/Consultant etc complete.				
	(a) DPC,Coping,plinth protection etc.	Cum	10.00		
6	Providing and laying Levelling Course P.C.C. 1:3:6 in plinth, foundation, coping, plinth protection etc including necessary shuttering, curing, vibrating, compacting etc, at all heights and locations. The P.C.C. may be casted in panels as desired by the Architect/Consultant etc complete.				
	(A) Column Footing Base Concrete				
	(i) Director Bungalow	Cum	10.00		
	(B) PCC in Plinth under Floor				
	(i) Director Bungalow	Cum	15.00		
7	Providing and laying cast-in-situ concrete of 1:11/2:3 in Columns, Beams, Slab, lintels, staircase waist slab, canopies, encasing steel structure, chajjas, bands, purdies (staircase & chajjas drop purdies), fins, coping etc, at all heights including necessary shuttering, scaffolding, centering, propping, curing, vibrating and compacting etc complete.				
	(A) RCC in Footings/Foundation				
	(i) Director Bungalow	Cum	7.00		
	(B) RCC in Columns at all Heights.				
	(i) Director Bungalow	Cum	5.00		
	(C) RCC in Beams at all Heights.				
	(i) Director Bungalow	Cum	16.00		
	(D) RCC in Slabs at all Heights.				
	(i) Director Bungalow	Cum	12.00		
	(E) RCC in Lintels & Chajja at all Heights.				
	(i) Director Bungalow	Cum	2.50		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
8	Providing and laying tested quality TMT Bar reinforcement of approved company of desired size including transporting it on site, cutting it to size, bending, tying at all heights and in all positions, providing concrete covers as required at any height etc complete.				
	Total	MT	4.10		
9	Providing and laying one brick wall with well burnt uniform size and colour locally available approved quality bricks, and joining them together with sand cement joints 1:5 of thickness not less than 12 mm thk, including curing, scaffolding, raking the joints at all levels complete.				
	A) In Plinth				
	(i) Director Bungalow	Cum	40.00		
10	Providing and erecting Random Rubble Masonry Retaining Walls in CM 1:5 as per drawing, with sand cement joints not less than 25mm thk, raised 25mm x 25 mm, including providing through stone at intervals not more than 1000 mm c/c both ways and marking them with colour for identification. providing 75/100 mm dia hume pipes for weep holes in single peice and covering its inner face with weld mesh of holes not more than 15 mm x 15 mm, and placing loose holes around it before consolidating, including shuttering, scaffolding, curing the joints etc complete.				
	(i) Director Bungalow	Cum	2.00		
11	Providing and laying half brick wall with well burnt uniform size and colour locally available bricks as per sample approved and joining them together with sand cement joints 1:4 of thickness not less than 12 mm thk, including curing, scaffolding, raking the joints and providing 4' thick RCC stiffners (runner beam) using 2 Nos 6 mm dia bars incased in CC 1:2:4 at approx every 1.00 m height intervals complete.				
	(i) Director Bungalow	Sqm	110.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
12	Providing and laying external sand cement plaster of av 20 mm thk in two coats at all heights with first coat to be of approx 12mm thk in 1:5 sand (fine) cement mix, and the second coat to of approx 6mm thk in 1:4 sand (fine) cement mix, including necessary shuttering, scaffolding, curing roughening the first coat to recieve second coat of plaster etc, providing approved water proofing compound approx 1kg to one bag of cement and adding polyproplyne fibre of approved make to prevent shrinkage cracks as per manufacturers specifications complete.				
	(i) Director Bungalow	Sqm	290.00		
13	Providing and laying internal sand cement plaster av 12/15 mm thk in 1:5 sand (fine) cement mix on walls including necessary shuttering, scaffolding curing etc adding polypropylene fibre of approved quality in desired quantity per bag of cement as per manufacturers specifications complete.				
	(i) Director Bungalow	Sqm	320.00		
14	Providing and laying av. 6mm thk 1:5 sand (fine) cement plaster on ceiling including necessary scaffolding, curing etc complete.				
	(i) Director Bungalow	Sqm	120.00		
15	Providing and laying Vitrified tiles of approximate size 600 x 600 mm of approved make and colour, fixing the same in 1:6 cement sand mix, uniformly in line and level in approved design and filling the joints with white cement (adding coloured pigment if necessary) curing the joints etc complete. Rate to include use of approved spacers in tile flooring wherever directed at site.				
	(i) Director Bungalow	Sqm	80.00		
16	Providing and laying vitrified tile skirting 100 mm high in vitrified tile of approved colour and make in 1:4 sand (fine) cement mix in level with the wall plaster complete.				
	(i) Director Bungalow	Rmt	100.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
17	Providing and laying Kotah stone of approximate size 600 x 600 mm, approved colour and of average thickness 18 mm thk in flooring in line or level or to slope as directed over 1:4 cement sand (fine) mix including mirror polishing, curing etc. as directed and filling the joints with grey cement complete.				
	(i) Director Bungalow	Sqm	10.00		
18	Providing and laying 100mm high Kotah Stone skirting average 18mm thk in 1:4 cement sand mix machine mirror polished to the satisfaction of Architect in line and level complete.				
	(i) Director Bungalow	Rmt	10.00		
19	Providing and laying one piece Kotah stone of required length in staircase tread (approximate 300mm wide) & risers (approximate 170 mm high) of thickness not less than 18mm thk and fixing in 1:4 cement sand (fine) mix, providing 3mm deep 3 grooves in treads, including mirror polishing and rounding of edges complete.				
	(i) Director Bungalow	Sqm	8.00		
20	Providing and fixing Jaiselmer Yellow stone in width of 100 mm/ 150 mm/ 300mm wide in pattern as directed by Architect, of thickness not less than 18mm thk in steps, flooring etc including rounding of edges in case of steps etc in 1:4 cement sand (fine) mix, mirror polishing etc complete.				
	(i) Director Bungalow	Sqm	15.00		
21	Providing and fixing in position Kotah stone/Marble both side polished stone for Base supports and vertical supports of Kitchen Platform, Wash Basin counters, Urinal Partitions etc. of approximate width 600 mm and thickness not less than 18 mm thk. The vertical supports to be provided with two sandwiched stone slabs joined together with Araldite or any other approved adhesive and fixed with cement sand mix 1:2 including necessary jhiri cutting etc. complete.				
	(i) Director Bungalow	Sqm	8.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
22	Providing and fixing in position Granite stone on one or both side polish of approximate width 600 mm and thickness not less than 25mm thk providing cement sand mix 1:2 for fixing stone above complete.				
	(i) Director Bungalow	Sqm	5.00		
23	Providing and laying Ceramic Tiles of approximate size 300 x 600 or 300x 450 mm in dado/walls , and fixing the same on plastered surface, with neat cement float in proper line or level, including filling the joints with matching pigmented white cement and cleaning it with dilute acid complete.				
	Please note that holes may have to be done for water taps etc at no extra costs.				
	Basic Rate Rs 80 Sq.ft +G.S.T				
	(i) Director Bungalow	Sqm	60.00		
24	Providing and laying anti skid ceramic tiles in flooring of approximate size 300 x 300 mm with 1:4 cement sand mix, in slope or as directed including filling the joints with white cement (coloured pigment should be added in case of coloured tiles), and cleaning the same with dilute acid complete.				
	Please note that holes may have to be done for water taps etc at no extra costs.				
	Basic Rate Rs 85 Sq.ft +G.S.T				
	(i) Director Bungalow	Sqm	10.00		
25	Providing and placing in position aluminum sliding windows and Netlon/GI Mosquito Net for one panel of each holes size not more than 1.2mm and not less than 0.6mm with heavy duty aluminum sections anodised of approved colour, thickness not than 12 microns includings screws, transparent glass of approx thickness 6-8 mm fixed in position with PVC gasket water tight, window bottom section will have rollers for smooth movement, including locks etc complete.				
	25 mm Series - 4 track (3 tracks for sliding window & 1 for Mosquito Net)				
i)	a) Frame with gutter bottom weighing not less than 1.619 kg/m				
ii)	b) Frame top and sides weighing not less than 1.005 kg/m				
iv)	c) Shutter to & side weighing not less than 0.53 kg/m				
v)	d) Interlock shutter weighing not less than 0.683 kg/m				

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
	e) Shutter bottom weighing not less than 0.678 kg/m				
	(i) Director Bungalow	Sq.m	30.00		
26	Providing and fixing Netlon/GI Mosquito Net fixed to existing windows using suitable framing as directed at site including making suitable cutouts for operation and locking of window pans.				
	(i) Director Bungalow	Sqm	20.00		
27	Providing and fixing approved quality adjustable, lockable louvered window in aluminum sections fixed on aluminum sub frame of approx weight 0.43 kg/m, including fixing aluminum angle 20 x 20mm fixed on bottom rail, providing approx 8mm thk opaque 'bajri glass' with edges rounded of width not less than 100 mm, all aluminum sections are to be anodised of approved colour not less than 13 microns complete.				
	(i) Director Bungalow	Sqm	4.00		
28	Providing, fabricating and fixing in position MS grill Windows, Ventilators, Staircse Railing, collapsible channel gate etc. of approved design made out of MS flats, squares bars, rounds bars, angles, tees etc. and anchoring it in walls with bolts, making manhole covers for u/g tank etc. including two coats of enamel paint over a coat of Zinc Oxide steel primer complete.				
	(i) Director Bungalow	Kgs	200.00		
29	Providing and fixing in position Flush Door Shutters on wooden door frame using approved quality seasoned Sal or equivalent approved wood made in design, shape and profile size as per drawing. The over all sectional size of frame shall be about 125 x 75mm with horns 75 mm beyond frame including fixing in position with 6 nos. aluminium holdfasts anchored in 1:2:4 cement concrete of approximate size 200 x 200 x 150mm, making arrangements for fixing aldrop, tower bolts, slip way (tadi) in the frame. The frame is finished with two or more coat of french polish after preparing surface complete.				

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
	The door shutter shall be 35 mm thk approved quality and make MR Grade Flush Door provided 6/8mm thick TW lipping on all edges. The door shall be finished internally & externally with 1.00 mm thk laminate in desired shades (one or more) and design as per sample approved. Each door shutter will be provided with 125X30 mm 3 Nos MS oxidised butt hinges, tower bolts, SS handle with 300 mm long MS Oxidised Aldrop, door stopper etc complete.				
	(i) Director Bungalow	Sqm	5.00		
30	Providing and fixing in position Flush Door Shutters on wooden door frames using approved quality seasoned Sal or equivalent approved wood made in design, shape and profile size as per drawing. The over all sectional size of frame shall be about 125 x 75 mm fixed in position with 6 nos. Aluminium holdfasts anchored in 1:2:4 cement concrete of approximate size 200 x 200 x 150mm, providing and fixing M.S. tie rod/ flat at the base of the frame, making arrangements for fixing aldrop, tower bolts, slip way (tadi) in the frame. The frame is finished with two or more coat of french polish before preparing surface.				
	The door shutter shall be 35 mm thk approved quality and make MR Grade Flush Door provided 6/8mm thick TW lipping on all edges and <u>8mm thick glass viewing pane</u> of approx 0.30 sqm fixed with TW beading as per approved design given by Architect. The edges will have wooden moulding polished in desired coat of french polish or enamel painted. The door shall be finished internally & externally with 1.00 mm thk laminate in approved patten and design.				
	Each door shutter will be provided with 125X30 mm 3 Nos MS oxidised butt hinges, tower bolts, SS handle with 300 mm long MS Oxidised Aldrop, door stopper etc complete.				
	(i) Director Bungalow	Sqm	10.00		
31	Providing and fixing in position water proof, solid FRP Doors of approved quality and design of approx size 750 x 2010 mm x not less than 35mm thk, including providing S.S. baby latch two nos and SS 100 mm long handles complete.				
	(i) Director Bungalow	Sqm	5.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
32	Providing and applying external grade Acrylic Emulsion paint of approved make and shade in desired pattern, including preparation of surface applying cement based primer and filling the gaps with water proof material and applying two or more coats of paint to the satisfaction of Architects/ Clients complete.				
	(i) Director Bungalow	Sq.m	290.00		
	Total				
33	Providing and applying Oil Bound Distemper of approved shade and make in approved pattern including preparation of surface by applying Birla putty to have the surface in line and level, applying two or more coats paint over a coat of primer to the satisfaction of Architects/ Clients complete.				
	(i) Director Bungalow	Sq.m	130.00		
34	Providing and applying White wash on ceiling in two or more coats or as directed including adding violet colour agent (stainer) and approved adhesive for bonding of white wash as per manufacturers specification complete.				
	(i) Director Bungalow	Sq.m	80.00		
35	Providing and applying approved quality and shade Enamel Paint to steel doors frames, window shutters, MS Railing or as advised by Client/ Architect including cleaning the surface to free loose scales etc. and then applying a coat of steel primer and two or more coats of enamel paint complete.				
	(i) Director Bungalow	Sqm	20.00		
36	Providing and laying waterproofing treatment for sunken portion of W.C.'s, Bathroom etc. by applying cement slurry mixed with water proofing cement compound consisting of applying:				
	a) First layer of slurry of cement @ 0.5 kg/sqm with water proofing cement compound @ 0.25 kg/sqm, this layer will be allowed to air cure for approx 4 hrs.				
	b) Second layer of slurry of cement @ 0.25 kg/sqm mixed with approved water proof compound @ 0.125 kg/sqm. This layer will be allowed to air cure for 48 hrs.				

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
	The waterproofed area will be filled with water and kept for 7 days to insure that the treatment is done in order.				
	The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions , pipes, and masonry with approved quality poymer mixed slurry complete.				
	(i) Director Bungalow	Sqm	10.00		
37	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of the following operations:				
	a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with approved water proofing compound confirming to Is 2645 and approved by Architect/ Client over RCC slab including adjoining walls upto 300 mm height including cleaning of surface before treatment.				
	b) Laying brick bats with mortar using broken bricks/ brick bats 25 to 115 mm size with 50% of cement mortar 1:5 (1 cement: 5 coarse sand) admixed with approved quality water proofing compound confirming to IS: 2645 and approved by Architect / Client over 20 mm thick layer of cement mortar of mix (1 cement: 5 coarse sand) admixed with approved water proofing compound confirming to Is 2645 and approved by Architect/ Client to required slope and treating similarly the adjoining walls up to 300 mm height including rounding of junctions of walls and slab.				
	c) after two days of proper curing applying second coat of cement slurry using 2.75 kg/sqm of cement admixed approved water proofing compound confirming to IS 2645 and approved by Architect/ Client.				
	d) Finishing the surface with 20mm thick jointless cement mortar of 1:4 (1 cement: 4 coarse sand) admixed with approved waterproofing compound confirming to IS 2645 and approved by Architect / Client.				
	Rate including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel neat cement slurry not less than 10mm and placing broken china mosiac pieces in level complete.				
	e) The whole terrace/ balcony etc so finished shall be filled with water for a minimum period of two weeks for curing and final testing.				

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
	Average thickness of 150 mm and minimum thickness at rain water out let not less than 65 mm				
	Please note: measurement will be taken of the work done including watta.				
	(i) Director Bungalow	Sqm	130.00		
38	Providing an Anti-termite treatment to Foundation and Plinth				
	Carrying out pre-construction anti-termite treatment as stipulated in the relevant Indian Standard Specification latest edition at appropriate stages and as specified and directed. The rate quoted shall be for complete item, inclusive of cost of all material & labour required for the work				
	For RCC Frame structure:				
	(a) Soil which is in immediate contact with vertical surface of R.C.C. foundations i.e columns below ground level, plinth beams shall be treated at the rate of 5 litres/sqm of contact area.				
	(b) Treatment of top surface of plinth filling: The top surface of consolidated earth within plinth walls shall be treated with chemical emulsion at the rate of 5 litres/sqm of the surface before the rubber soling is laid.				
	(c) Treatment of soil along external perimeter of Building: After the building is completed, earth along the external perimeter of the building should be eroded and soil to be treated with chemical emulsion at the rate of 7.5 litres/sqm.				
	(A) Plinth area				
	(i) Director Bungalow	Sqm	100.00		
			Total of civil works (A)		-
B	SANITARY, PLUMBING & DRAINAGE				

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
1	Providing and fixing in position Chlorinated Polyvinyle Choride (CPVC) pipes concealed in the brick masonry walls by cutting chases using mechanical cutter, providing nails/clamps to hold the pipes in position and making the surface good in line and level . The pipes should have thermal stability for hot & cold water supply including providing required CPVC brass threaded fittings and specials such as 'Tees, Bends, angles, Elbows, reducers, unions etc and fixing the pipes with metal clamps at 1.0 m c/c, including joining the pipes as per manufacturers specifications using approved quality CPVC Solvent and testing the joints complete as per directed complete. Wherever necessary hot water pipes to be suitably insulated to prevent heat transfer to wall tiles etc.				
	(A) 15 mm nominal outer diameter pipe				
	(i) Director Bungalow	Rmt	15.00		
2	Providing and fixing in position Chlorinated Polyvinyl Choride (CPVC) pipes externally having thermal stability for hot & cold water supply including all CPVC brass threaded fittings such as 'tees, bends, angles, reducers, unions etc and fixing the pipes on metal clamps away from the wall at 1.00 m c/c including joining the pipes as per manufacturers specification with one step CPVC Solvent /solvent cement and testing the joints complete as per directed, complete.				
	(A) 25 mm nominal outer diameter pipe				
	(i) Director Bungalow	Rmt	10.00		
	(B) 32 mm nominal outer diameter pipe				
	(i) Director Bungalow	Rmt	15.00		
	(C) 50 mm nominal outer diameter pipe				
	(i) Director Bungalow	Rmt	12.00		
3	Providing and fixing in position CP Brass Bib Cock of approved quality and make, including all fittings and fixturers complete.				
	(i) Director Bungalow	Nos	9.00		
4	Providing and fixing in position CP Brass Stop Cock of approved make and quality including all fittings and fixturers complete.				

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
	(i) Director Bungalow	Nos	4.00		
5	Providing and fixing ISI marked gun metal valve with C.I. wheel of approved quality (screwed end) and make complete.				
	<u>(A) 50mm nominal bore</u>				
	(i) Director Bungalow	Nos	2.00		
	<u>(B) 32 mm nominal bore</u>				
	(i) Director Bungalow	Nos	2.00		
6	Providing and fixing ISI marked non return valve of approved quality complete.				
	(i) Director Bungalow	Nos	1.00		
7	Providing and fixing in position long neck Bib Cock for kitchen etc including all fittings and fixturers complete.				
	(i) Director Bungalow	Nos	1.00		
8	Providing and fixing in position Wash Hand Basin, counter sunk of ivory colour of approx size 440 mm x 550mm including providing CP Brass Pillar Cock, Bottle Trap, Stop Cock, PVC Connection, Base Coupling etc. of approved quality and make. Rate to include suitable MS bracket including 40mm dia connection GI pipe upto nahani trap concealed in wall complete.				
	(i) Director Bungalow	Nos	2.00		
9	Providing and fixing in position stainless steel kitchen sink of approved make of approx overall size 535 x 460 x 190 mm deep fixed to Kitchen platform, including providing CP brass, base coupling, bottle trap etc. of approved make and making suitable connection to nahani trap complete with 40mm dia GI pipe 'b class' complete.				
	(i) Director Bungalow	Nos	1.00		
10	Providing and fixing in position European WC pan of approved make and size including providing and fixing PVC Flushing Cistern of 12 liters capacity, PVC toilet seatcover including necessary fittings and fixturers viz. Flush pipe, CP brass stop cock, PVC connection etc complete.				

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
	(i) Director Bungalow	Nos	1.00		
11	Providing and fixing in position Orissa pattern 'Indian' WC pan with 12 liters Low Level PVC flushing cistern etc including all necessary CP fittings, stop cock, PVC connections etc. complete.				
	(i) Director Bungalow	Nos	1.00		
12	Providing and fixing in position PVC heavy duty 'nahani trap' including all connections to waste water line complete.				
	(i) Director Bungalow	Nos	2.00		
13	Providing and fixing in position CP brass soap holder of approved make and quality including all fittings and fixturers complete.				
	(i) Director Bungalow	Nos	2.00		
14	Providing and fixing in position CP brass hooks plate (minimum 5 hooks) on doors etc including all fittings and fixturers complete.				
	(i) Director Bungalow	Nos	2.00		
15	Providing and fixing in position CP Brass Health Faucet with flexible pipe and necessary two way fitting of approved make including necessary fittings and fixturers complete.				
	(i) Director Bungalow	Nos	2.00		
16	Providing and fixing in position heavy duty PVC down take pipes of Prince, Supreme, Katsa or equivalent approved make including all accessories such as 'Y', 'angle junction', 'connectors', 'inspection joints' etc joining together water tight using approved adhesive and clamping it on wall with 'D' clamps complete.				
	(A)100 mm dia				
	(i) Director Bungalow	Rmt	50.00		
	(B) 65 mm dia				
	(i) Director Bungalow	Rmt	7.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
17	Providing and constructing Inspection Chambers of approx size 450 x 900mm in one brick thick walls, including providing plaster 1:4 cement sand mix in single coat about 12mm and with heavy duty PVC cover including the frame as per sample approved. The rate should include necessary earthwork in excavation, disposal of surplus material as directed, laying P.C.C. 1:3:6, 100mm thick levelling course, making neat cement finish smooth benching, hunches, channels etc. in CC 1:2:4 complete for smooth flow as required. Rate to include for making connections to stone ware/PVC pipes of minimum 150 mm dia in the brick wall complete.				
	(i) Director Bungalow	Nos	3.00		
18	Providing making Gully Trap of approx size 450 x 450 in one brick thick, and finishing it with 12mm thk 1:4 cement sand mix plaster, including providing P.C.C. benching and providing stone ware pipe connections, with approved quality CI/PVC cover with frame complete.				
	(i) Director Bungalow	Nos	2.00		
19	Providing and laying heavy quality PVC pipes for sewerage disposal system including necessary excavation, laying 100mm thick PCC 1:3:6 levelling base course with all fittings and specials testing of joints and concealing the Pipe in PCC 1:2:4 arr around with minimum 100 mm thick concrete complete as directed at site.				
	<u>(A)200 mm dia.</u>				
	(i) Director Bungalow	Rmt	20.00		
	<u>(B)150 mm dia.</u>				
	(i) Director Bungalow	Rmt	25.00		
20	Making soak pit of 3000 mm diameter, 3500mm deep with 45 x 45 dry brick honeycomb shaft with bricks S.W. Drain pipe 150 mm diameter, 2000 mm long complete as per standard design, filling up the same with brick bats, sand, gravels in layers or as directed complete as per drawing comprising of the following:				
	(a) Earthwork in excavation in all kind of soils including hard murrum and back filling /disposing away surplus excavated earth as directed at site	Cum	25.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
	(b) Providing and laying PCC 1:3:6 levelling course 100 mm thick.	Cum	1.00		
	(c) Providing and laying 200mm thick Brick masonry dry wall etc. complete.	Cum	2.00		
	(d) Filling the Soak pit with selected rubble, gravel, brick bats and fine filter media in layers or as directed and then with murrum in level with surrounding ground level including connection with Septic Tank out let with 150mm SW/PVC drain pipe of required length complete as directed at site.	Job	1.00		
21	Providing and fixing double layer PVC overhead water storage Tank of required capacity including construction of 150mm high platform with concrete blocks/bricks/CC (finishing complete) and all connections (inlet & outlet) and making them water tight complete as under:-				
	(iii) Director's Bungalow PVC Tank (2000 litres)	Nos	1.00		
22	Connecting 25 mm dia CPVC pipe to the existing water supply from the bore well with necessary reducers/ 'Tee junctions' of desired size, and installing non return valve etc, with all fittings & fixtures complete.	Nos	1.00		
Total of Sanitary, Plumbing and Drainage (B)					-

C SITE DEVELOPMENT					
1	Filling in site with approved quality murum brought from out side (at Contractor's cost) in layers not exceeding 15 cm thick including watering and compaction complete as directed.	Cum	600.00		
	Providing and laying 100mm av. thick base concrete P.C.C. 1:2:4 in internal Road including necessary shuttering, curing, vibrating, compacting etc. The P.C.C. may be casted in panels as desired by the Architect/				
2	Consultant etc complete.				
	(i) In Roads	Cum	2.00		
	Supplying & laying CC paver blocks 65 mm thick using minimum M 35 grade laid on 50mm avg thickness sand bedding. Paver blocks to be procured from approved manufacturers.	Sqm	75.00		
3					
Total of Site development (C)					

D ELECTRICAL WORK					

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
1	<p>Providing, fixing, testing and commissioning of POINT WIRING of any length for light point/Wall fan point/Exhaust fan point/ Call bell point/ including fan box(if required), 'S' type fan hook etc with 3 X 1.5 Sq.mm(P/N/E) PVC 650V/1100V Grade FRIS insulated copper conductor single core multi stredned wire in 16 SWG(Medium Gauge) holder etc.</p> <p>The floor/roof/wall junction box shuold be of MS(heavy duty) box of suitable size and covered with Steel finish Steel cover sheet by screw tight and gasket to avoid water/dust insertion. Every Light switchboard in Rooms, Hall, Kitchen, Washrooms has separate circuit of 3 X 2.5 sqmm</p> <p>sqmm in suitable size of MS (MMS) conduit from DBs to Switch Board.. The item includes Circuit wiring from DB to the switch board with 3x2.5 Sq.MM.</p> <p>The above wiring carried out surface or recess in wall/floor/roof should be cutting by cutter/chiesling, replastering, curing, painting with uniform and smooth finish by specilised workman ship and making the surface neat afterwards complete in all respect as per direction of</p> <p>Bank Engg. The conduit/ Flexible conduit/junction box/metal modular box etc must be joined by gland and check nut at both ends. (each circuit to be controlled by one MCB). The colour code of wire are as under:</p> <p>Phase- Red, Neutral- Black, Earth-Green</p> <p>Make of Material for items of BOQ:-</p> <p>(i) Modular Type Switch/socket/step electronic fan regulator, plate, box, TV/telephone, bulb holder/3 pin ceiling rose with all accessories:- Lergand/ Anchor(Roma)/MK/ Crabtree</p> <p>(ii) MS conduit/PVC conduit with all accessories:- BEC/AKG/NIC/Precision</p> <p>(iii) PVC insulated copper wire(FR) 650V/1100 V grade:- Finolex/RR cable/ Havells</p>				
	a) One light point controlled by one switch.	Nos	40.00		
	b) Two way light points	Nos	4.00		
	b) Ceiling fan point wiring with switch, step type electronic fan regulator (two module) as required.	Nos	5.00		
	c) 6 AMP socket point on same board	Nos	7.00		
	d) Call bell point with call bell with 1.5 sq.mm. wire and 20 mm dia. 16 swg stove enameled rigid steel conduits. No extra cost for wiring and conduits is payable(i.e. inclusive of mains wiring).	Nos	1.00		
2	Supply,fixing,testing and commissioning of 1 No 6 A Multi Socket with 1No. 6 A switch (Modular type) with cover plate , sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as per site requirement and as directed.	Nos	8.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
3	Supply,fixing,testing and commissioning of 2 No 6 A Multi Socket with 2No. 6 A switch (Modular type) with cover plate , sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as per site requirement and as directed.(For TV point)	Nos	4.00		
4	Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No.six pin 6/16 Amp. Multi Socket (Modular Type) with cover plate , sheet steel box etc on surface / concealed manner inclusive of circuit wiring of 3 X4 sqmm PVC insulated copper conductor multi stranded wire FRLS in 16 SWG(MMS) stove enameled rigid steel conduit of 20/25 mm dia alongwith all MS accessories like bend, junction box, etc on surface/recesses manner etc.(Separate circuit wiring from DB to Power point) and making good all the damages, plaster smooth finish, painting, claening the site etc complete as per site condition and as directed.l.	Nos	8.00		
5	Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. / GEYSER power point with the followings : Modular 32A DP 1 way switch with plate & box 1 set. + 25A & 10A twin socket i/c electrical connections with cover plate , sheet steel box etc on surface / concealed manner inclusive of circuit wiring of 3 X4 sqmm PVC insulated copper conductor multi stranded FRLS wire in 16 SWG(MMS) stove enameled rigid steel conduit of 20/25 mm dia alongwith all MS accessories like bend, junction box, etc on surface/recesses manner etc.(Separate circuit wiring from DB to Power point) and making good all the damages, plaster smooth finish, painting, claening the site etc complete as per site condition and as directed.	Nos	3.00		
6	Supplying, fixing, testing and comm. etc. of three phase - 6way TPN DB, Double door wire distribution board having , All MCB/TPN has 10KA Breaking Capacity incomer 63 Amp TPN MCB - 1, out going 32/25 Amp SPMCB - 9 10 Amp SPMCB - 9 nos.	Nos	1.00		
7	EARTHING				

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
a	G.I.PLATE EARTH STATION : Preparation of the Plate Earth Station: (as per IS:3043) (a) Excavation of rocky earth, soft murrum, hard murrum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm x 1000 mm x 2500 mm deep. (b) S/F of G.I. plate of size 600 x 600 x 6.0 mm thick. (c) S/F fixing 50 mm x 6 mm, 3 mtrs G.I. strips from G.I.plate to earth terminal including brazing / welding at plate etc. (d) Supplying and laying in position 19 mm, 2 mtrs G.I. `B' class pipe for watering.with reducer/funnel with mesh. (e) S/F of the following in the earth station. 75 Kg. Charcoal, 15 Kg. Original Salt. and Black Cotton soil of adequate amount. (f) Construction of earth pit chamber including necessary brick work concrete, plastering, S/F of C.I. Cover of size 12" x 12" complete as per site req.and marking its value and identification etc.	Nos	2.00		
b	Providing and fixing Copper/GI strip as per specification complete including connection to earth electrode revetting/sweating/soldering, burying 15 cms below in all types of soil/rocks etc complete as required. (a) Copper Strip 25 X 5 mm	Mtr	30.00		
c	Supply and laying of 6 Sq.mm 650V/1100 V PVC grade insulated copper wire in 15 mm G.I. Pipe ISI grade including all accessories complete as required.	Mtr	30.00		
8	Supplying, unloading, storage, laying, testing and commissioning of PVC/XLPE insulated (Heavy Duty) Al/Cu conductor armoured cable suitable for working voltage upto and including 1100 V grade, laid and tied on existing overhead cable trays, or laid and tied over MS supports in masonry trenches with copper/al cable lugs, single compression brass cable glands, tapping, crimping etc. as required and all cables run with double run(2 No.) of GI wire of 8 SWG size.The size of cables are as under:- Make of Material:- (i) PVC/XLPC Armoured cable:- Finolex, Havells, RR cable, CCI(Cable Corp. of India) (ii) Cable Termination:- Dowells, Comet				
(i)	4X 10 Sq.mm XLPE.Al.armoured Cable (Main Service Line)	Nos	100.00		
9	Main Circuit Wiring : Supplying, fixing, testing and comm. etc. for light/fan/exhaust fan with PVC insulated copper conductor single core multi streded wire (FRLS) in existing 16 SWG stove enamelled rigid MS conduit pipe with accessories like bend / junction box in concealed manner and making good all the damages,painting,cleaning the site etc. as directed.				
	a) 3x1.5 sq.mm	Mtrs	20.00		
	c) 3x2.5 sq.mm	Mtrs	50.00		
	d) 6x2.5 sq.mm	Mtrs	40.00		
	e) 3x4 sq.mm.	Mtrs	20.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
	g) 4x6 sq.mm + 1x4 sq.mm	Mtrs	5.00		
	h) 1x 1.5 sq.mm wire for inverter wiring	Mtrs	50.00		
10	Copper Armoured Cable for Outdoor Light:- 3C X 1.5 Sq.mm Copper armoured cable(if, required) additionally	Mtrs	50.00		
11	TELEPHONE POINT: Supplying, fixing, testing and comm. Of telephone point with Two pair 0.50 mm. dia cable with 20 mm. dia. 1.6 mm thick PVC conduits in concealed manner along with telephone outlet (RJ-11) in modular box of M.S./PVC.	Nos	3.00		
12	Supply, laying, testing & commissioning of co-axial TV cable with Modular TV point with in suitable size of MMS PVC conduit with cable RG-6 grade cable to the suitable location of the length as directed.	Nos	3.00		
13	BOX TYPE LUMINAIRES(4 feet length) : LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS	Nos	10.00		
14	BOX TYPE LUMINAIRES(2 feet length) : LED TUBE FITTINGS, 1200mm, 18/20 Watt PHILIPS/WIPRO/HAVELLS	Nos	4.00		
15	Supply, Installation of 10 Watt LED Bracket light in Rooms and Hall. Philips/CG/Wipro	Nos	8.00		
16	Supply and installation of 1X20 Watt LED wall/ Bracket type street light light fittings suitable for outdoor lighting IP 65 with all necessary accessories. The rate shall include 6" X6" junction box, weather proof with 4 Nos of 10 amp terminal. The rate to included connection with 3 core X 0.5 sqmm copper arooured cable from light to switch borad and DB.(Wipro/CG/Philips) etc	Nos	7.00		
17	Supply, Installation, Testing and commissioning of 15 Ltr, 5 Star, 2KW, Storage water Heater in Bathrooms with all necessary accessories.	Nos	2.00		
18	CEILING FAN: Single phase heavy duty grease filled double ball bearing, aerodynamically designed heavy gauge aluminium blades, copper wounded and impregnated silicon stamping motors etc. 1200 mm sweep, brilliant white CG/USHA/ORIENT/HAVELLS	Nos	5.00		
19	EXHAUST FAN:- Single phase, 300mm sweep, 900 rpm, metallic exhaust fan of the following single phase Exhaust fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wounded, A & E class insulation, dynamically balanced, below 40 db sound level etc, front cover with grill/gravity louver for protection purpose with 12 mm plywood complete in all respect make as under: CG/USHA/ORIENT/HAVELLS/ALMONARD/ALSTOM	Nos	3.00		

No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
20	Providing & Fixing of Energy Meter Board including energy meter board wiring, including energy meters connections, MCB's, interconnecting lead wires, lugs, fuses, etc including all required hardware and accessories etc. with 63 amp TPN enclosure and Kit kat fuse of 63 amp set with neutral link with channel frame, lugs, gland & other accessories with locking arrangement.	Job	1.00		
		Total of Electrical work (D)			
		Total of A+B+C+D			

Seal & Signature of the Contractor

GST will be paid additionally by the Bank as applicable subject to GST Number.