

**BOQ FOR PROPOSED CIVIL WORKS TO MAIN ENTRANCE GATE & SECURITY ROOM AT
STATE BANK INSTITUTE OF RURAL BANKING,
LINGAMPALLY , HYDERABAD**

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	CIVIL WORKS:				
I	RENOVATION OF SECURITY ROOM				
1	Dismantling doors, windows, floors and clerestory windows (steel or wood) shuttering including chowkhats architrave hold fasts and stacking with lead of 100 mts	SQM	20.00		
2	Providing and fixing 12 mm thick toughened glass (with openings) with patch fittings of approved brand and manufacture, including providing opening where ever required as per drawing and fixing arrangement and making necessary holes etc. for fixing required fittings, all complete as per direction of Engineer-incharge(in front elevation of security room)	SQM	10.00		
3	Providing, supplying & fixing of glazed 3 Track -2 Panel Sliding Window with White profile made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles through out the window. The outer frame having an overall size of 108 x 45 mm with reinforcement of 1 mm thickness and sash with overall size of 39 x 65 mm with reinforcement of 1.5 mm thickness, mesh sash of overall size 30 x 48.5mm. Glazing bead for fixing of glass shall be of size 20 x 18mm and coextruded with gasket. Stainless steel (S.S) mesh shall be provided in mesh shutter Windows shall be provided with 6mm plain float glass, standard hardware & single point locking system of flush lock. Wall thickness of frame & sash shall be 2 - 2.2 mm. Make: NCC/ Wintec/Fenetec.	SQM	9.00		
4	Providing, supplying & fixing of glazed 3Track - 4 Panel Sliding Door with Mesh made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with GI throughout the window. The sliding outer frame having overall size of 108 x 45 mm with reinforcement of 1 mm thickness, sash with overall size of 39 x 90 mm with reinforcement of 2mm thickness, mesh sash of overall size 39 x 58 mm reinforced with 1.5 mm of GI 420 GSM. Glazing bead for fixing of glass shall be of size 20 x 18mm and coextruded with gasket. Composition of profile shall consist a minimum of 6 PHR of TiO ₂ for every 100 parts of PVC resin. Stainless steel (S.S) mesh shall be provided in mesh shutter. Windows shall be provided with 6 mm plain Toughened glass, standard hardware and Multi point locking system of Espag. Wall thickness of frame & sash shall be 2 - 2.2 mm. Make: NCC/ Wintec/Fenetec.	SQM	3.00		
	PLAIN CONCRETE				
5	Providing and laying plain cement concrete 1:4:8 (1: cement 4: coarse sand 8: graded stone aggregate 40mm nominal size) using H. B. G coarse graded aggregate of 40 mm and down size for levelling course under footings, steps, walls, platform etc., at all levels including laying layers of specified thickness in alternative bays not exceeding 10 sqm including form work wherever necessary and well compacted etc., including labour ,necessary tools &tackles ,cost of cement complete etc as directed by Bank / Architect.	CUM	5.00		

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	Providing and applying Two coats of plastic emulsion paint of approved brand, colour and quality over and including a coat of Primer and two coats of Birla wall care putty finish including preparation of surface, scaffolding, necessary tools & tackles etc., complete for all Internal faces of walls at all heights as per directions of Bank / Architect .	SQM	74.00		
7	Providing and laying Premium quality single charged full body polished /matt finished Homogeneous Vitrified Floor Tiles of size 600x600mm, 10mm thick in flooring with water absorptions less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, over and including a screed of cement mortar 1:4 (1 cement:4 coarse sand) 20 mm thick including grouting the joints with white cement and matching pigments, curing etc., complete at all levels and heights. as directed by Engineer-In-Charge. (Basic rate of Material is Rs.750/Sqm)	SQM	18.00		
8	Flooring with chequered terrazo tiles of 30mm thick (dark shade) of size 0.305m x 0.305m set over base coat of cement mortar (1:6), 12 mm thick using screened sand over CC bed already laid or RCC roof slab including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm and jointed with neat white cement to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water and tiles etc.,and overheads & contractors profit complete for finished item of work. Make Classic	SQM	30.00		
9	Providing and applying Two or More coats for External wall painting with exterior emulsion paint (ACE) of approved brand, colour, quality over a coat of primer to give an even shade including preparation of surface, scaffolding, necessary tools & tackles at all heights etc., as per Directions of Bank / Architect.	SQM	44.00		
TOTAL FOR SECURITY ROOM PART (I)				Rs.	
II UP-GRADATION OF MAIN ENTRANCE GATE					
EARTH WORK & EXCAVATION					
1	Earth work excavation by mechanical means (Hydraulic excavator)/manual means over (exceeding 30cm in depth.1.5 m in width as well as 10 sqm on plan) including bailing out of water (Both Rain and Ground Water), disposal excess excavated earth outside SBSC campus in designated areas of local authorities, and lift up to 3.0 m, disposed earth to be levelled and neatly dressed, including labour,necessary tools & tackels, Machinery complete as directed by Bank/ Architect.				
a)	Lift upto 1.5 M	CUM	75.00		
b)	Lift from 1.5M to 3.0 M	CUM	30.00		
2	Excavation in hard rock Rock by manual means such as chiselling etc over areas exceeding 30 cms depth 1.5M width including bailing out of water (Both Rain and Ground Water), disposal of excavated material outside the SBIRB campus in designated areas of local authorities, lift up to 6.00m, including labour, necessary tools &tackels, Machinery as directed by Bank/ Architect.				

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	(Blasting Prohibited)				
a)	Lift upto 0 to 1.5 M	CUM	45.00		
3	Filling in foundation pits and plinth, approved earth in layers not exceeding 200mm including watering, ramming and compacting lead with in SBIRB Campus and lift upto 8.0 m. Including labour , necessary tools &tackles complete as directed by Bank / Architect.				
a)	Refilling with the available soil	CUM	122.00		
4	Drilling 20mm dia holes 0.30-.45m depth in hard granite / sheet rock with pneumatic compressor and fixing 16mm dia steel bar(excluding cost of steel bar) complete etc as per the directions of Engineer-in-charge.	EACH	20.00		
5	Grouting holes with cement slurry with non-shrink grouting compound of approved make(fosroc/Dr Fixit) including cost and conveyance of all materials and labour charges etc complete for finished item of work (The rate includes cost of 16mm dia steel bar).	EACH	20.00		
	PLAIN CEMENT CONCRETE				
6	Providing and laying plain cement concrete 1:4:8 (1: cement 4: coarse sand 8: graded stone aggregate 40mm nominal size) using H. B. G coarse graded aggregate of 40 mm and down size for levelling course under footings, steps, walls, platform etc., at all levels including laying layers of specified thickness in alternative bays not exceeding 10 sqm including form work wherever necessary and well compacted etc., including labour ,necessary tools &tackles ,cost of cement complete etc as directed by Bank / Architect.	CUM	15.00		
	READY MIX CONCRETE / NOMINAL MIX				
7	Providing, batching, mixing, transporting through transit mixers, pumping and laying controlled Reinforced Cement Concrete of M 25 grade at all levels and heights specified below using ordinary Portland cement of grade 53/43 Grade from approved manufacturer, fine aggregate, 20mm and down size coarse aggregates, necessary admixtures, all as per IS:456 & IS 10262, approved by Consultants (Chemical admixture-Conplast SP 430SRV), including all leads and lifts, pumping using line pump or boom placer, vibrating/ compaction, scaffolding wherever necessary, curing as directed, including cost of shuttering and Excluding cost of reinforcement . complete for finished item of work at site as directed by Bank / Architect				
a)	Footings	CUM	12.00		
b)	Columns	CUM	6.00		
c)	plinth beams	CUM	3.00		

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
8	Providing and fixing reinforcement for RCC work with high yield strength ribbed tor steel (HYSD) bar of various diameters and grade of steel as specified below conforming to IS or equivalent BS specification including cutting and waste, bending, hoisting, fabricating and placing in position according to drawings and binding the reinforcement with galvanised annealed binding wire of double fold of 18 gauge and providing PVC / CC cover blocks for placing the reinforcements in position and for maintaining the cover specified and/or according to relevant IS or equivalent BS code. Complete as directed by Engineer-in-charge				
a)	Grade of reinforced steel - Fe 550D - TMT bars	MT	2.50		
	CRS & BRICK MASONRY				
9	Providing and laying of 200mm brick work using locally available best CC flyash/Red earth bricks of approved quality with compressive strength not less than 35kgs/sqcm in CM 1:6 (1cement:6 coarse sand) including racking joints scaffolding, curing etc the rate includes including cost of cement, labour , necessary tools &tackles complete for finished item of work at site as directed by Bank / Architect.				
a)	Ground Floor	CUM	3.00		
10	Providing and laying of Coursed Rubbled Masonry using locally available with best approved quality CM 1:6 (1cement:6 coarse sand) including racking joints scaffolding, curing etc the rate includes including cost of cement, labour, necessary tools &tackles complete for finished item of work at site as directed by Bank / Architect.	CUM	7.00		
	PLASTERING & SURFACE TREATMENT				
11	Providing and applying 20mm thick cement plaster on external faces of walls in two coats under layer 14mm thick with cement mortar 1:5 (1 Cement : 5 sand; Coarse Sand 50% and fine sand 50%) and top layer 6 mm thick CM1:4 (1: cement: 4 coarse sand) to External wall surface at all heights and levels including providing and mixing of approved brand water proofing compound (Conplast Prolapin 421 IC) the rate shall include cost of cement, surface preparation, hacking, cleaning, curing, labour, necessary tools&tackles and scaffolding etc. complete for all levels and heights as per the directions of Bank / Architect.	SQM	27.00		
12	Providing and applying Two or More coats for External wall painting with exterior emulsion paint (ACE) of approved brand, colour, quality over a coat of primer to give an even shade including preparation of surface, scaffolding, necessary tools &tackles at all heights etc., as per Directions of Bank / Architect.	SQM	27.00		
13	Steel work welded in built up sections/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and two coats of synthetic enamel paint of approved brand and shade using structural steel ,MS pipes etc. as required in Gratings, Cattle Trap,Frames, guard bar, ladder, railings, brackets, gates and similar works and as per approved draiwings . including labour, necessary tools & tackles complete etc as directed by Bank / Architect .	Kgs	764.00		

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
14	Supplying and fixing of MS motorised sliding main gate automation with sliding gate operator teeth rack and fittings push button switch photo cell warning light transmitter and receiver and 4 core cable of approved make with all fittings of size 3.8 mtsx2.1mts with and automatic 3 bhp motor operated system including remote control including all labour materials lead lift etc complete for the finished item of work (total width 18 feet in which 13 feet will be sliding on rollers and rest 5 feet is openable) complete etc as directed by Bank / Architect .	Each	1.00		
15	Providing, Designing, cutting, bending and fixing External Aluminium Composite Panel Cladding of approved make on external façade of size as shown with water tight system either curved or straight on concrete / masonry surfaces the panel should be of 4 mm thick External use with combination of aluminium skin material of 0.5 mm thick aluminium sheet of alloy grade 3105 H 14 cover material natural polyethylene aluminium cladding panel coated on external side with PVDF (Poly Vinylidene Fluoride) of KYNAR PVDF coating containing 70% KYNAR 500 resins for anti-fungal & anti bacterial properties and the central core should be with opaque/ white polyethylene virgin grade, UV Stabilized with a combination of 70% LDPE grade 22 FA 002 and 30% HDPE grade E5201 and the core should be bonded to the aluminium skin on both sides with DUPONT adhesive film of 30 to 50° to be of approved colour/shade fixed with	SQM	172.00		
16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. for finished item of work at site as per the directions of Bank / Architect.	KGS	1064.00		
17	Providing and laying Heavy duty cobble stone 100mm x 100mm X75mm thick (or) 150mmx150mmx100mm Size using cement and course sand for manufacture of blocks of approved size shape and colour with a minimum compressive strength of 281 kg per sqm over 30 mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force there by forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials labour and HOM of machineries complete as per the direction of Bank / Architect .	SQM	120.00		
18	Supplying and fixing of 16mm to 18mm thick mirror polished jet black or any approved colour granite for external wall with suitable adhesive and 12 mm thick cement mortar 1:3 laid and jointed with white cement slurry @ 3.3 kg per sqm including admixed with pigment of matching shade including rubbing curing polishing etc. complete for finished item of all complete etc as directed by Bank / Architect .	SQM	19.00		
19	Dismantling of RCC structure including cc pavement platforms, hardened surfaces, columns etc in all heights including scaffolding, cleaning and disposal to outside the premises as directed by Bank / Architect.	CUM	8.00		

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
20	Dismantling of existing MS gates including cc pavement platforms, hardened surfaces, coloumns etc in all heights including scaffolding, cleaning and disposal to out side the permises as directed by Bank / Architect.	SQM	15.00		
21	Enamel Painting: Providing two coats of enamel painting (including priming coats) on new steel and other metal surface with enamel paint of approved brand and manufacture (Asian Paint/Berger Rangoli/J&N Paint/Nerolac) on new surface to give an even shade after thoroughly brushing the surfaces free from mortar droppings and other foreign matters etc.	SQM	22.00		
TOTAL FOR MAIN ENTRANCE GATE PART-(II)				Rs.	
III ELECTRICAL WORKS TO MAIN ENTRANCE GATE					
INTERNAL ELECTRIFICATION					
I FITTINGS/FIXTURES					
1	Supply, Installation,Testing and commissioning of the following Light Fittings and Electrical accessories including the supply of fixing brackets and necessary accessories etc.				
1.1	20W, 1200mm Indoor decorative LED light fixture	NOS	2.00		
1.2	12/15W LED down lighter	NOS	4.00		
1.3	1200mm Sweep Non-Decorative type Ceiling Fan	NOS	1.00		
II Internal wiring					
A Power wiring					
1	Supply, Erection ,Testing and commissioning of 6A , 2/3 Pin Shuttered switch & socket of Modular Type with surface sleek PVC metal Box and front plate for fixing of switch and socket including fixing and making connections etc complete . (Dependent/independent)	NOS	4.00		
2	Supply, Erection ,Testing and commissioning of 16A , 3 Pin Shuttered switch & socket of Modular Type with surface sleek PVC metal Box and front plate for fixing of switch and socket including fixing and making connections etc complete.	NOS	2.00		
B POINT WIRING					

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply ,Laying and Wire pulling,Testing and commissioning of the following for Point wiring and Lighting circuit Mains and Power circuit Mains.The Scope for point wiring includes supply and erection of Conduit pipe PVC as per IS 9537 - Part 3 and PVC insulated copper flexible cable as per IS 694 - 1990 and the necessary Junction boxes ,bends,covers etc and for Power circuit Mains the scope includes Supply and Laying of PVC pipe of required size and fixing clamps etc. For the supply and Erection of Power sockets 6A, 16A, the scope includes supply,erection of rated power socket with switch, front plate and Modular type surface sleek PVC Box for fixing the socket.For all the point wiring and Lighting/power circuit mains and power socket fixing whreever required civil work is included and after the completion of necessary fixing the chipped portion is to be plastered neatly.Wiring Installtion to be done as per IS 732 - 1989 Code of Practice for Electrical wiring Installation				
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.(for fan light, fan control exhaust fan)	NOS	6.00		
2	Same as serial no. 1 - For one fan point controlled by one no 6 A switch with one number of 100 W electronic fan step regulator and Modular type surface sleek PVC Box with front cover plate ,switch etc with all allsories in 25 MM PVC conduit pipe with all necessary bends and junction boxes etc. Also with 3 runs of 1.5 sqmm copper flexible wires of 650 v grade including supply and erection	NOS	1.00		
3	Wiring with 2 runs of (2.5Sq.mm)+1run of 1.5 sq.mm multistrand FRLS , P.V.C. insulated flexible copper conductor wire (ISI MARK) in 25mm dia 2mm thick PVC Conduit with ceiling rose directly connected to existing MCB DB including excavation up to 450mm dptch in ground and back filling of conduit pipe with all labour charges etc., complete for display area from security room	NOS	6.00		
4	Supply, Laying , Testing and commissioning of 2 Runs of 2.5 Sqmm copper wire and 1 run of 1.5 sqmm copper wire for Lighting Main circuit from DB to switch box in 25 MM PVC Conduit pipe to respective switch board with all accessories including Junction box ,bends.	MTR	15.00		
5	2 Runs of 2.5 Sqmm copper wire and 1 run of 1.5 sqmm copper wire for 6A power circuit from DB to switch box in 25 MM PVC Conduit pipe with all accessories incliding Junction box ,bends	MTR	15.00		
6	2 Runs of 4 Sqmm copper wire and 1 run of 2.5 sqmm copper wire for 16A power circuit fromDB to point in slab/wall/struss 25 MM PVC Conduit pipe to respective switch board with all accessories including Junction box ,bends etc..complete.	MTR	20.00		

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
7.1	Telephone socket outlet	Nos	1.00		
7.2	TV antenna socket outlet	Nos	1.00		
	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required				
8	1 or 2 Module (75mmX75mm)	Nos	4.00		
9	Supply and fixing of suitable size GI box with front plate by surface on in recess including cutting and plastering wall as required for fixing of RJ45 socket outlet	Each	2.00		
10	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
10.1	25mm	Meter	20.00		
11	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.	Meter	20.00		
12	Supply, laying , testing & commissioning of 4C x 10 sq.mm 1.1KVgrade XLPE insulated armoured copper conductor underground cable, including excavation for all types of soil providing protection with sand cushioning of 100mm min and country brick protection on top and backfilling of excavated smooth soil complete with end terminatoin lugs etc, providing cable route markers at every 50m interval.	MTR	0.00		
13	Supply, Installation , Testing and commissioning of dust and vermin proof 4 way VTPN DB with one number of 40A 4pole MCB with 100mA ELCB as Incomer and 6 – 32A SPMCBs 12 Nos as out goings.	NOS	1.00		
14	Suppy,Installation of 40 mm dia GI Earthpipe of 3 mtr length Earth Station including excavation,back filling and construction of earth chamber.The scope includes civil work like excavation,back filling and construction of chamber with cast iron cover of size 300 x 300 MM and providing charcoal, salt and sand for the earth pit as per IS 3043.	NOS	2.00		
15	50 x6 GI Strip	MTR	10.00		
16	Supply and laying of 8 swg gi wire	MTR	20.00		
17	Supply and erection of Gate lighting with 3core 2.5sq.mm flexible copper cable. The light shall be fixed with 28W LED light fixture including supply of PHILIPS make BGP300 LED28 757 PSU PC IN S1 or equivalent Fixture as required with 50mm Dia, Class B GI Pipe for fixing of light on gate column. The light shall be with Junction box consisting of MCB. The Junction box shall be of weather proof. The wiring from Junction box to Light fixture shall be carried out as above complete	Nos	3.00		

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
18	Supply and erection of 60mm dia 5mtrs height GI pole including base plate, painting with one coat of silver paint over two coats of red oxide including excavation, concreting refilling coping, coil earthing with GI pipe complete as directed site engineering in charge.	Each	6.00		
19	Supply, fabrication and fixing of 50mm dia, 600m long GI single arm pipe for fixing street light fitting of any approved make, similar to cat ref No. BSLST 20LED of M/s. Bajaj make complete as the painting	Each	6.00		
20	Supply and fixing of terminal box at the bottom of the pole (0.6meter from finished ground floor level) of size 6" x 4" x 3" deep with 1 No. 10A S.P MCB and 1 No. 4 way connector complete with door	Each	6.00		
21	Supply and Transportation of Induction type Flood light luminaire of 70W capacity comprising of single piece die cast aluminium/ceramic body and IP65 protection of including. cat no BVP120 LED 70 CW FG S1 PSU GR or equivalent, complete with 5years warrenty (Make : Philips/Crompton/Bajaj/Surya)	Nos	6.00		
22	Supply and laying of following 100mm dia NP 2 grade RCC hume pipes with collars for road crossings,laid 750 mm below ground level including excavation , backfilling and other civil engineering works.	Rmt	15.00		
23	Supply and laying of following 50mm dia GI pipe pipe for road crossings at main gate entry,laid 750 mm below ground level including excavation , backfilling and other civil engineering works.	Rmt	15.00		
TOTAL FOR ELECTRICAL WORKS PART-(III)				Rs.	
A	TOTAL PART(I+II+III)			Rs.	
B	% DISCOUNT IF ANY ON SL.NO. A			Rs.	
GRAND TOTAL (S.NO.A - S.NO. B)				Rs.	
Note: Rate Quoted are Excluding GST					