

**BOQ FOR PROPOSED CIVIL WORKS FOR CONSTRUCTION OF TWO WHEELER
PARKING AND TOILETS ADJACENT TO ELECTRICAL ROOM STATE BANK
NIREEKSHAN BHAVAN, LINGAMPALLY POST, HYDERABAD**

Sl. No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
I	<u>TWO WHEELER PARKING:</u>				
1	EARTH WORK EXCAVATION				
	Earth work excavation by /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 campus in designated areas of local authorities, and lift up to 3.00 m, disposed earth to be leveled and neatly dressed, including labour, necessary tools & tackles, complete as directed by Bank.				
1.1	LIFT UP TO 1.5 M	CUM	12		
2	PLAIN CEMENT CONCRETE (1:3:6)	CUM	65		
	Supplying and laying plain cement concrete (1:3:6) (1 Cement : 3 Coarse sand : 6 Graded stone aggregate of size 20mm) in all leveling courses under pipelines, pits, under floors etc., at all depths/levels complete using 20mm graded stone aggregate but including cost of cement, labour, necessary tools & tackles complete as directed by Bank.				
	The scope of work include leveling the existing soil as per the given slope neatly dressed, including labour, necessary tools &tackles, complete as directed by Bank.				
3	KERB STONE	RMT	118		

	Providing and laying of Kerb stone (600x300x100mm) in position to the required line, level and curvature, jointed with cement motor 1:3 (1 cement : 3 coarse sand) including making joints with or without grooves (thickness of joints except st sharp curve shall not be more than 5mm) including making drain including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, lift charges, curing, as directed by Bank.				
4	CEMENT PLASTERING	SQM	40		
	Providing and applying 18mm thick cement plaster on external faces of walls in two coats under layer 12mm 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.				
5	ENAMEL PAINTING	SQM	40		
	Painting two coats (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.				

6	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) : With F.P.S.(non modular) bricks complete for finished item of work at site as directed by Bank.				
6.1	BRICK WORK 200/230MM THICK	CUM	9		
7	Half Brick Work 100/115mm Thick	SQM	15		
	Providing and constructing 115 mm thick Brick masonry using approved quality Table Moulded bricks in CM 1:4 of minimum 50 kg straight walls at all levels including a concrete band of 75mm thick with 3-nos of 8mm dia reinforcement rod at every 750mm ht with M20 grade concrete mix including shuttering, staging, scaffolding, centering, formwork, curing, etc., cement mortar of 1:4 including packing the residual space between masonry & other structural members like columns, beams, slabs etc., providing openings as directed and finishing neatly around the same, the item shall include all materials including reinforcement steel, cost of labour, cost of equipment and machinery, work at all leads and lifts, loading and unloading, transportation, and all other incidental charges etc., complete. The work shall be carried out as per the directions of the Engineer in charge. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Engineer in charge.				
	ELECTRICAL WORKS				
8	Supply & Installation of 18 W T5 led Light fixtures and giving connections and all labour charges etc., complete for erection. (Havels or Equal)	NO'S	6		
9	<u>POINT WIRING-</u>				

9.1	Point wiring with 1.5sqmm FRLS 650V grade multistranded PVC insulated copper wire in 2mm thick 25mm dia PVC pipe for lights, fans including supply & fixing of 5 amp modular switch in concealed MS switch box, front plate, 3 plate ceiling rose, and concealed circuit wiring with 3 Nos (P,N,E) 2.5sqmm (DB's to switchboards & switch board to switch boards looping). and all inter connections as required.	NO'S	6		
9.2	Same as above but for secondary points looped from the above	NO'S	1		
9.3	Supply and fixing of 1nos. 6A sockets fixed the switch board with 1 no 6A switch including all interconnections as required for raw power (New Sockets) In Public area	NO'S	1		
10	Wiring with 2 runs of 4Sq.mm 1100V grade PVC insulated Copper conductor multistrand wires FRLS along with one run of 2.5mm copper earth wire FRLS run in suitable size 2 mm thick PVC CONDUIT run concealed on wall/ Ceiling etc as required	RMT	60		
II	<u>CONSTRUCTION OF NEW TOILETS</u>				
1	EXCAVATION	CUM	4		
	Earth work excavation for foundations of Brick wall & Mild steel Tube column for shed etc., and depositing the earth on bank with initial lead of 10m and initial lift of 2m in loamy, Hard disintegrated rock or soft rock or conglomerate rock and Hard lime kankar requiring partial blasting. Including shoring, strutting, sheeting, planking and dewatering including cost of hire charges of T & P, labour charges etc., complete for finished item of work for foundation of Buildings. The rate should include refilling of earth in pits and carting away excess earth out of site.				
2	DISMANTLING THE EXISTING DADOING & FLOORING IN THE TOILET	SQ.M	17		

	Dismantling the Existing Dadoing, Floor tiles in toilet areas, Doors, Lintels and RCC Chajjas any other item as directed and removing and Carting away debris from the site to the contractors own dump yard or Municipal Dump yard atleast 10 km away from the site. The rate shall include all the labour transportation etc for the complete item of work				
3	COURSED RUBBLE MASONRY	CUM	4		
	Coursed rubble masonry with hard stone (first and second sort) in below and above the plinth level, Masonry work with cement mortar 1:6 (1 cement : 6 coarse sand) complete for finished item of work at site as directed by Bank				
4	PCC 1:4:8	CUM	4		
	Plain Cement Concrete (1:4:8) proportion nominal mix (cement: fine aggregate: Coarse aggregate) for levelling course in foundations using 40mm size hard, machine crushed trap metal from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seigniorage charges, sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations ramming in 15 cm layers finishing top surface to the required level curing etc., complete for finished item of work.				
5	BRICK MASONRY	SQ.M	45		
	(115 THK MASONARY)				

	<p>Providing and constructing 115 mm thick Brick masonry using approved quality Table Moulded bricks in CM 1:4 of minimum 50 kg straight walls at all levels including a concrete band of 75mm thick with 3-nos of 8mm dia reinforcement rod at every 750mm ht with M20 grade concrete mix including shuttering, staging, scaffolding, centering, formwork, curing, etc., cement mortar of 1:4 including packing the residual space between masonry & other structural members like columns, beams, slabs etc., providing openings as directed and finishing neatly around the same, the item shall include all materials including reinforcement steel, cost of labour, cost of equipment and machinery, work at all leads and lifts, loading and unloading, transportation, and all other incidental charges etc., complete. The work shall be carried out as per the directions of the Engineer in charge. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Engineer in charge.</p>				
6	PLASTERING WORKS	SQ.M	90		
	<p>Plastering in 2 coats with 16mm thk 12mm thk in CM (1:6)prop and top coat 4mm thk in CM (1:4)prop for internal walls at all levels including shuttering, staging, scaffolding, curing, etc. with dubara sponge finishing including cost and conveyance of all materials all leads and lifts, loading and unloading, transportation, and all other incidental charges etc. complete. The work shall be carried out as per the directions of the Engineer in charge</p>				
	<p>The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Engineer in charge.</p>				

7	TOILET FLOORING	SQ.M	16		
	<p>Supply, providing and laying of 1st quality anti-skid Ceramic tiles for Flooring in Toilet of approved colour and design 10 mm thick floor tiles of approved make and 300 x 300 size fixed over 20 mm thick cement base mortar 1:6. The scope work is inclusive of providing proper slopes for better drainage of water to the traps, with 3mm spacers, filling the joints with Epoxy Grout and matching pigment etc complete in all respects as directed by Engineer in charge. The basic cost of the tile is Rs 600.00 per sq.mt. The rates all be inclusive of all the material, labour, hardware, transportation necessary required for the complete execution of the item as directed by the Engineer in charge</p>				
8	WALL DADOING	SQ.M	60		
	<p>Supply and fixing of Toilets Dadoing wall tiles of 1st quality glazed vitrified tiles of 300mmx600mm size or approved size of approved colour, design and make over a base plaster of 15mm thick on the brick work and 12 mm thick cement plaster 1:4 levelling course with approved matching colour with tiles at all levels with all required tools, plants, materials and labour required to complete the work in all respects as directed by Engineer in charge. The Basic cost of the tile is Rs 600.00 per sq.mt . The rates all be inclusive of all the material, labour, hardware, transportation necessary required for the complete execution of the item as directed by the Engineer in charge</p>				

9	PRELAMINATED FPVC DOOR	SQ.M	4		
	<p>Providing of Factory made prelaminated FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile mitre joined with 6 Nos. of 50mm long screw. The door frame shall be fixed to the wall by using 80mm long screws through the frame with the help of PVC fasteners of 3 no's to be provided for each vertical member, GI stiffeners of ("U" channel of size 29x9x1mm, 150mm long) -3 no's at hinge point, Frame reinforcement of("U" GI channel of size 46x22x.06mm),Bottom tie rod of ("U" GI channel size of 15x15x1mm) etc. complete as per manufacturers specification for finished item of work. Maximum door frame size : 980 x 2070 including providing of 35mm thick Factory made Prelaminated ABS (Acrolynitrile Butadyne Styrene) Door shutter moulded in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20x32mm, reinforced by 32x 32mm - 2 nos. for vertical made out of LVL (Laminated Veneer Lumber), core material of 32 mm thick high density craft paper honey comb board,</p>				
	<p>Sandwiched on both sides with prelaminated ABS sheet thickness of 1.5mm . PVC edge banding of size 0.45mm on the vertical sides. Hardware made out of steel coated butterfly hinges - 3 Nos. for each shutter and ISI make S.S round lock completes for finished item of work.</p>				
	<p>The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Engineer in charge</p>				
10	TWO WAY BIB COCK FOR WATER CLOSET IN TOILETS	NO'S	3		
	<p>Providing & fixing C.P. heavy quality 2 way Bib cock, with wall flange, including jointing using Teflon tape etc. complete. The rate shall be inclusive of all the material, labour, hardware, transportation necessary required for the complete execution of the item as directed by the Engineer in charge.</p>				

	Basic cost Rs.1000/-				
11	PILLER COCK:	NO'S	4		
	Supply and installation of Piller Cock approved make & design suitable for counter top wash basin with installation box with control cock including all consumable, tools, tackles, labour etc all complete as directed by the Bank. Make: Brass Parryware Basic cost Rs.1800/-				
12	WASH BASIN:	NO'S	2		
	Supply and fixing of wash basin of approved make & design along with required fixtures. The scope of work is inclusive of provision of Piller cock. with required angular stop cock, Bottle trap with coupling, hose pipe etc complete in all respects as directed by Bank. Basic cost of wash basin Rs. 4250/-				
13	Supply & fixing in position of approved make and quality type B, SWR PVC soil waste and vent pipes jointed with good quality of lubricant for sunken slab and walls. The scope work in inclusive of all necessary fittings, specials like bends, tees, offset junctions, pan connections, cowls and suitable clamps etc complete in all respects as directed by Engineer in charge				
13.1	50 mm Dia	RMT	30		
13.2	75 mm Dia	RMT	30		
13.3	100 mm Dia	RMT	30		
14	Providing and fixing in position CPVC SDR - 11 pipes of different dia's having thermal stability for hot and cold water supply with all necessary fittings, specials like bends, tees, offset junctions, suitable clamps, including cutting, chasing and making good of the walls concealed etc complete in all respects as directed by Bank.				
14.1	20mm dia	RMT	25		
14.2	25mm dia	RMT	20		
14.3	32mm dia	RMT	30		
15	CPVC BALL VALVES	NO'S	2		

	Supplying, fixing and testing of CPVC Ball valves screwed end of approved make including cost and conveyance of all materials to site, labour charges, sales and other taxes on all materials etc., complete for finished item of work for all floors. 25.00 mm dia valve				
16	PVC FLOOR TRAPS	NO'S	8		
	Supplying and fixing 100 mm dia inlet - 75 mm (3") outlet PVC floor traps 1st quality ISI marked with C.P grating fixing with white cement as per the site requirements with standard practice including CP cockroach trap with grating, black painted for all floors including cost and conveyance of all materials to site, labour charges etc, complete for finished item of work.				
17	GLASS SEPARATOR	NO'S	2		
	Providing & fixing 12 mm thick white colour toughened glass partition wedge shape Between the Urinals form ht of 2' up to 5' ht with a varying width upto 2'-0" as per the design & fixed to wall with patch fittings at directed locations. All the exposed Edges of the Glass shall be machine polished, rounded as perr the directions. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Bank				
18	FLOOR MOUNT EWC WITH FLUSH TANK:	NO'S	3		
	Providing and fixing of Floor mounted EWC of approved make & design along with required fixtures like Seat cover, Hinges, Accessories set etc. The scope of work is inclusive of provision of PVC Pipe connector's etc. Make: Hindware, Parryware or Equivalent .Basic Cost of the EWC should be Rs.4,000/ -white color complete execution of the item as directed by the Bank.				
19	INSPECTION CHAMBERS:	NO'S.	2		

	Constructing 457.2 mm x 457.2 mm (1'6"x1'6") brick in CM 1:6 prop. Masonry. Inspection chamber upto 914.4 mm (3'0") and fitted with light weight 457.2 mm x 457.2 mm (1'6"x1'6") C.I frame and cover of 20 Kg including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing , overheads & contractors profit etc., complete for finished item of work as per Standard specification.				
20	CERAMIC URINALS:	NO'S	3		
	Supply and installation of ceramic urinals with hose pipe including all consumable, tools, tackles, labour etc all complete as directed by the Bank. Make: Hindware, Parryware or Equivalent Basic cost should be Rs.5000/- per No				
21	ANGLE COCK:	NO'S	5		
	ANGULAR STOP COCK WITH WALL FLANGE: (Jaguar - Continental - Cat. No. VGP-CHR-81053) Angular Stop Cock with Wall Flange of Jaguar or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed by the Bank.				
22	SYNTHETIC ENAMEL PAINTING	SQM	20		
	Providing and applying two coats of synthetic enamel painting of approved colour (Make: Asian/ Nerolac/ Nip pon/ Berger) on windows, MS grills of IAD building with necessary surface preparation, 2 coats synthetic enamel painting including all labour, material, consumables, scaf folding/zula, safety gears, tools, tack les, lead, lift and transportation etc all complete as directed by Engineer-in charge.(2 sides of window and MS grill) Payment will be made for 2 sides of windows measurements only. Grill measurements will not considered. And no separate payment for grills will be made)				

23	CORRUGATED GI SHEET ROOFING 0.55 MM THICK:	SQM	15		
	Providing & fixing Corrugated GI sheet roofing of TATA/ JSW/SAIL including fitting fixing calved necessary J or L hooks, Calved Screws/washer, bolts and nuts, 8 mm dia bitumen washer, 25 mmx 3 mm thick and 1.6 mm thick limpet the work. Includes cost of all labour charges, Transportation, lift charges etc complete as directed by the Bank				
24	MILD STEEL TUBES	KG	50		
	Providing welding fitting fixing hoisting and fixing of roof trusses with purline, bottom runner etc fabricated out of a combination of two or all of the following section TATA/ JINDAL/JSW/SAIL				
	i. Square hollow section.				
	ii. Rectangular hollow section.				
	iii. M/S black tubes as per approved design including M/S clit, base plate bolts and nuts etc complete as directed. The work includes cost of all labour charges, Transportation, lifting charges welding etc complete as directed by the Bank				
25	PAINTING	SQM	60		
	Providing and applying one coat primer and two coats of premium external weather coat painting of approved				
	colour and design (Apex Ultima weatherproof emulsion or equivalent, Make: Asian/ Nerolac/ Nippon/ Ber ger/ Dulux or Equivalent) on compound wall with necessary surface preparation, structural crack filling/repairs, plastering touchup in two coats wherever requires, 1 coat external primer and 2 coats external premium painting including all labour, material, consumables, scaffolding/zula, safety gears, tools, tackles, lead, lift and transportation etc all complete as directed by the Bank				
26	<u>ELECTRICAL WORKS :</u>				
26.1	<u>Exhaust Fans :</u>	NO'S	3		

	Supply & Installation of fresh air exhaust fan 50W of light duty 300mm size (12"), Metallic body plastic blades, wire mesh, bird louvers etc. including cost and conveyance of all materials, taxes and all labour charges etc., complete for erection				
26.2	Supply & Installation of 18 W T5 led Light fixtures and giving connections and all labour charges etc., complete for erection. (Havels or Equ)	NO'S	6		
26.3	POINT WIRING				
26.3.1	Point wiring with 1.5sqmm FRLS 650V grade multistranded PVC insulated copper wire in 2mm thick 25mm dia PVC pipe for lights, fans including supply & fixing of 5 amp modular switch in concealed MS switch box, front plate, 3 plate ceiling rose, and concealed circuit wiring with 3 Nos (P,N,E) 2.5sqmm (DB's to switchboards & switch board to switch boards looping). and all inter connections as required.	NO'S	9		
26.3.2	Same as above but for secondary points looped from the above	NO'S	1		
26.3.3	Supply and fixing of 1nos. 6A sockets fixed the switch board with 1 no 6A switch including all interconnections as required for raw power (New Sockets) In Public area	NO'S	1		
26.4	Wiring with 2 runs of 4Sq.mm 1100V grade PVC insulated Copper conductor multistrand wires FRLS along with one run of 2.5mm copper earth wire FRLS run in suitable size 2 mm thick PVC CONDUIT run concealed on wall/ Ceiling etc as required	NO'S	30		
	Total				Rs.
	% Discount if Any				Rs.
	Grand Total (Excluding GST)				Rs.