


	ई निविदा दस्तावेज	 <b>सेंट्रल बैंक ऑफ इंडिया</b> <b>Central Bank of India</b> <small>1911 के आज़ादी का दिन "केन्द्रित" "CENTRAL" TO YOU SINCE 1911</small>	
	<b>E- TENDER DOCUMENT</b>		
		आंचलिक कार्यालय भोपाल	
	<b>भाग-II</b>	ZONAL OFFICE BHOPAL	
	(प्राइस बीड)		
	<u>PART-II</u>		
	(PRICE BID)		
	<u>(TO BE SUBMITTED ONLINE ONLY)</u>		
<b>बैंक के आवासीय परिसर भोपाल में बाहरी विकास कार्य</b>			
<b>EXTERNAL DEVELOPMENT WORKS AT BANK'S RESIDENTIAL PREMISES</b>			
	<b>BILL OF QUANTITY</b>		
S. No.	Item	Quantity	Unit
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	4.80	Cum
2	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : (Drain portion outer side)	1.95	Cum
3	Demolishing of cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per the direction of Engineer in charge. (Plinth protection rear portion)	1.80	Cum
4	Demolishing stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meters lead. (Rear side floor)	350.00	Sqm
5	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead. (Fencing)	1000.00	Kg
6	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc, disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 meter lead as per direction of Engineer-in-Charge. Front portion	925.00	Sqm
7	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50m lead and disposal of unserviceable materials into municipal dumps. (200mm dia)	150.00	Metre
8	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. (All kind of soil)	141.90	Cum

9	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	58.50	Cum
10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	15.50	Cum
11	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 : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	75.23	Cum
12	Centering and shuttering including strutting, propping etc. and removal ofform for : Foundations, footings, bases of columns, etc. for mass concrete	270.00	Sqm
13	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	140.00	Sqm
15	Centering and shuttering including strutting, propping etc. and removal ofform for : Columns, Pillars, Piers, Abutments, Posts and Struts	144.00	Sqm
16	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars	6770.25	kg
17	Brick work with clay flyash brick of class designation 2.5 in plinth and foundation in : Cement mortar 1:6 (1 cement : 6 coarse sand)	46.20	Cum
18	15 mm cement plaster on the brick wall of mix : 1:6 (1 cement: 6 fine sand)	378.00	Sqm
19	Smooth finishing of the exposed surface of RCC work with 6 mm thick cement mortar 1:3 (1 cement:3 fine sand)	184.00	Sqm
20	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	562.00	Sqm
21	Fencing with angle iron post placed at required distance embedded incement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only andprovided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire (B/w angle iron post)	420.00	Meter

22	Providing, fabricating and fixing M.S. grill work as per approved design and as per weight specified below to fencing / compound made out of square / round bars, M.S. flats, angles, with necessary holdfast including painting with one coat of red oxide zinc chromate primer and two coats of approved synthetic enamel paint etc. complete as directed by Engineer In Charge. Mild steel grill of weight 20 to 25 Kg/ Sqm.	140.00	Sqm
23	Providing and laying factory made chamfered edge cement concrete paver blocks in fiitpath, parks, lawn , drive ways or light traffic parking etc., of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/ laying of interlocking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, complete all as per the direction of Engineer-in-charge. (80mm thick cement concrete paver block of M-35 grade with approved color, design, and patter. ) {Front portion}. Proper slope to be maintained as per direction of Engineer-in-charge.	925.00	Sqm
24	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the sade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 91 cement : 4 coarse sand): 25mm thick {Rear portion} Proper slope to be maintained as per direction of Engineer-in-charge.	350.00	Sqm
25	Providing and placing in position 100mm thick factory made machinge batched & machine mixed precast RCC rectangular covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways, neat cement punning on finished surface, properly encased on all edges with 1.6mm thick, 100mm wide MS sheet duly painted over priming coat, reinforcement to be welded at edges with MS sheet and providing 2nos. 12mm dia bar for hook etc. including cost of cartage, all leads & lift , handling at site etc. all complete as per direction of Engineer-in-charge. Drain cover	54.00	Sqm
26	Painting with synthetic enamel paint of approved brand and manufactureof required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	140.00	Sqm
27	Painting with synthetic enamel paint of approved brand and manufactureof required colour to give an even shade : Grills, fencing, gate (One or more coats on old work.)	33.00	Sqm
28a	Providing and laying and jointing glazed stoneware pipes class SP-1 with striff mixture of cement mortar in the proportion of 1:1 (l cement : 1 fine sand) including testing of joints etc. complete: a) 200 mm diameter	100.00	Metre
28b	250 mm diameter	50.00	Metre
29	Providing and laying cement concrete 1:5:10 (l cement : 5 coarse sand: 10 graded stone aggreegate 40mm nominal size) all round S.W. pipes including bed concrete as per standard design: a) 200 mm diameter S.W. pipe	100.00	Metre

29b	250 mm diameter S. W. pipe	50.00	Metre
30	Construction brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with RCC top slab with 1:1.5:3 (1 cement : 1.5: coarse sand (zone III): 3 graded stone aggregate 20mm nominal size) foundation concrete 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished smooth with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement; 2 coarse sand: 4 graded stone aggregate 20mm nominal size) finished with 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 )455 x 610 mm internal dimensions, total weight of cover and frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg), {With common burnt clay F.P.S. (non modular) bricks of class designation 7.5}. Rate includes all temporary arrangements for sewerage systems to keep the toilets operational.	18.00	each
31	Extra for depth for manholes (size 90x 80 cm), With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	9.00	Meter
32	Providing and fixing square mouth S.W. gully trap class SP-1 complete with C.I. Grating brick masonry chamber with water tight C.I. cover with frame of 300 x 300 mm size (inside) the weight of cover to be not less than 4.50kg and frame to be not less than 2.70kg as per standard design. (100 x 100 mm size P type) {With common burnt clay F.P.S. (non modular) bricks of class designation 7.5}	18.00	each
33a	Providing and fixing unplasticised Rigid PVC soil and waste pipes including all structural supports, clamps etc. conforming to IS: 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Single socketed pipes for working pressure of 4 kg/sqcm. (minimum wall thickness 3.2mm). Rate includes all required fittings elbows, coupling/ sockets, tee, reducers, clamps etc including and making good the wall etc. all job complete. a)75 mm diameter	40.00	Meter
33b	110 mm diameter	30.00	Meter
34	SITC of decorative LED post -top luminaire of approved make, suitable for outdoor mounting on 6'-7' high gate pillar or pole, with die cast aluminium housing, PMMA diffuser, complete with in-built LED driver, electronic control gear, and mounting accessories complete. The luminaire shall conform to IS:10322 with top-openable design for ease of maintenance, suitable for operation on 240V, 50Hz AC supply, and shall have minimum ingress protection of IP65. 45w / 60w lamp, color temp: 3000k Make: Wipro ( Model: Bliss post top) or equivalent in Philips/ crompton/Havells	4.00	each

35	Supplying and laying of 1100V grade 3-core 2.5 sqmm XLPE insulated, armoured copper cable in trench, including fixing with clamps where required, making connection at both ends with crimped copper lugs and double compression brass glands, etc. as required complete. (One core as earth). Rate includes making trench of min 1'-6" deep, including ramming with sand, backfilling, compaction, supply and laying one layer of bricks for mechanical protection all complete.	150.00	Mtr
36	Supply and fixing of outdoor weatherproof junction box IP65 rated at pillar base, made of polycarbonate or powder coated die cast aluminium, with terminal block, cable glands, and mounting accessories, suitable for termination 3C x 2.5 sq.mm cable.	4.00	each
37	Supplying and fixing of 6A/10A single pole (SP) MCB, 240V, Type C 10kA breaking capacity installed in Polycarbonate MCB enclosure.	2.00	each
38	Disposal of demolished material and surplus excavated earth by carriage of material by Mechanical Transport including loading, unloading and stacking (Building rubbish, earth) more than 50 meter and up to 5 km	70.00	Cum
39	Disposal of demolished / removed materials i.e. Cement, stone blocks, G.I., C.I. A.C., & C.C. pipes below 100mm dia and other heavy materials. Paver blocks, Kota stone etc. (more than 50 meter and up to 5 km)	150.00	Tonne
	<b>TOTAL</b>		