

TENDER FOR ROAD WORKS, STRENGTHNING OF BOUNDARY WALL AND DRAINAGE WORKS AT SBI CHAR IMLI OFFICER'S COLONY, BHOPAL

	Description of Items	Unit	Qty	Rate	Amount
1	Scrubbing the Existing Road	Sqmt	400		
	Scrubbing the existing road upto average 75-100 mm depth, manually or by mechanical means, till soiling and or till hand packed stone and or stone fills to take away tar coat and disposal of debris outside the site to an unobjectionable municipal approved place up to any lead including loading the same at site, transportation, unloading, spreading, etc. all complete as per specifications or as directed by Engineer-In-Charge.				
2	Bituminous Macadam	Sqmt	4000		
	Providing and laying 50 mm thick premix carpet with 4.5 cum and 2.25 cum of hard stone chippings of 13.2 mm size and 11.2 size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2mm and 1.2 mm size respectively, including a tack coat with hot straight ru bitumen and consolidation with mechanical vibratory roller compactor 6-8 tonne capacity etc., completewith paving Asphalt grade VG-10, heated and then mixed with solvent at 70 grams per kg of asphalt. The rates shall include cleaning of road surface (dirt, dust etc) mechanically before application of prime coat.				
3	Seal Coat	Sqmt	4000		
	Providing and laying minimum 15 mm thick seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 150 kg of bitumen of grade VG-10 bitumen per cum of fine aggregate and 1.20 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with mechanical vibratory roller compactor 8-1 tonne capacity, complete as per drawings and specifications.				
4	RCC work for Berms: P.C.C Works: Plain cement concrete work in roads for formation of berms including cost of centering, shuttering, but .1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	15		
5	Providing and laying PCC Saucer Drain standard size are 300 mm X 300 mm X 65/90 mm or 200 X 300 X 75/100 mm including ground level and proper level as per slope and developed 100 mm thick P.C.C (1:3:6) 400 wide. After laying all joints to be filled by cement mortar (1:3) with proper back filling and site clearance as directed by the Engineer.	Rmt	650		
	Boundary Wall				
6	Excavation for foundation of walls, column footings, pile caps, raft, foundations, plinth beams, steps, water tanks, cess pits, etc., in all types of soil including soft or hard moorum, boulders (upto 0.10 cum) shoring the sides wherever necessary, bailing out of water and keeping the foundation trenches and pits dry including filling back the trenches by selected earth in layers not exceeding 25 cm., watered and consolidated, spreading the surplus material within plot and carting away the surplus materials out of site, all complete as directed upto 2.00 m.	Cum	50		
7	Dismantling of existing R.C.C works: Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Job	1		
8	Dismantling of Existing Brick work: 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. Brick work in Cement Mortar.	Job	1		
9	R.C.C Works:Reinforced cement concrete work in walls / columns (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, including cost of centering, shuttering, but excluding the cost of finishing and reinforcement.1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	Cum	22		

10	Supplying and placing in position by cutting, bending & fabricating tested quality steel reinforcement for R.C.C. work, including dowels of required diameters and lengths as per design & as directed, including typing using good quality binding wire and/or welding, providing required cover with concrete briequests, spacer pieces, chairs, etc. as required complete. High Tensile Deformed Bars Fe-500	Kg	550		
11	Brick work: Providing and constructing brick masonry in cement mortar 1:6 with best quality locally available approved bricks in superstructure, at all height & levels, including striking joints, scaffolding, curing, etc. complete as directed.	Cum	65		
12	Plastering: Providing and applying smooth finish cement plaster 20 mm avg.thick cement Plaster in cement mortar 1:4 with fine sand in a single coat on all internal wall, ceiling surfaces, apply chicken mesh all joints RCC to Bricks in all positions in line, level & plumb at all levels and heights with necessary scaffolding, cleaning of surfaces, raking out joints, roughening of surfaces ,curing etc,including complete material and labour.	Sqmt	400		
13	Weather coat exterior emulsion paint (Apex Ultima) Providing and applying two coats and final coat of weather proof exterior emulsion paint (Asian / Berger or equivalent) 7 years warranty of premium quality of approved make & manufacturer of required shade after thoroughly brushing the surface free from mortar dropping and other foreign matter, including two coats of primer and two coats of putty(BIRLA WHITE, ASIAN or equivalent) and also including preparing the surface even and sand papered smooth etc. all materials and labour complete. Note:- Safety parameter follow as per IS code	Sqmt	400		
14	Synthetic Enamel Paint Providing and applying on existing gate, Cleaning the surface thoroughly and removing the external elements, if any , such as dust, dirt, grease etc. providing and applying Two coats of Red-oxide primer, rubbing upto finished level and three coats of Ist grade synthetic enamel paint of approved manufacturer in approved colour and brand. All complete including scaffolding , cleaning the site etc. Note:- Applied area M.S. Gate. Mode of measurement one side of face. Colour shade as per approved by architects / Bank Engineer.	Sqmt	150		
15	FABRICATION WORK FOR 'Y' POST FOR BARBED WIRE:Structural steel work using M.S. flats, angles (50X50X5), channels I-section, H-section etc. riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all	KG	480		
16	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre	Rmt	330		
	Drainage works				
17	Dismantling of existing old S.W pipes (approx. 150 mm dia) and old flag stone flooring including breaking of joints and bed concrete, stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials in to municipal dumps or as directed by the Engineer-In Charge	LS	1		
18	Providing and laying Plain cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) all-around P.V.C pipes including be bed concrete as per standard design				
(a)	150 mm diameter	Rmt	300		

19	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Nos.	53		
20	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, or all depths, as per direction of Engineer-in-charge	Rmt	300		
	150 mm nominal size dia				
21	FRP manhole cover with frame: Providing and fixing FRP manhole cover with frame tested as per BS EN 124:1994 and AASHTA H-20 and H-25. (a) Heavy Duty size of 450 mm X 900 mm internal size with load bearing capacity up to 2.5 tonnes.	Nos.	53		
	Total				

GST EXTRA AS APPLICABLE

Seal and Signature of the Vendor