

ADDENDUM - 3

KAKINADA MUNICIPAL CORPORATION

Name of the work: Estimate for development of RAJA TANK PARK at Kakinada, East Godavari Dist.

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
100. BOUNDARY WALL & DIVERSION OF DRAIN:					
	Area and length as per cad drawing measurement				
100-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	2005.00	Cum		
100-2	Sand filling with local sand including cost and conveyance of sand and all labour charges for sectioning, ramming, watering etc. complete	177.00	Cum		
100-3	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	150.00	Cum		
100-4	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using batching plant at 20 Cum per hour, transit mixer 4cum capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site, and excluding seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)				
	(a) For footings	271.00	Cum		
	(b) For Columns	50.00	Cum		
	© for plinth beam & retaining wall	170.00	Cum		
100-5	Supply and construction of Brick masonry 230 mm thick for walls in super structure, foundation with cement mortar (1:6) prop (Cement:sand) using Second class Bricks 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504.	310.00	Cum		
100-6	Supply delivery and fixing in position of M S Iron grills of any design approved by the departmental authorities using required sizes of M S materials including all cost, conveyance of material and all labour charges for cutting, bending to required shape, welding including cost of welding rods, grinding etc. complete with all taxes etc. complete finished item of work.	11505.60	Kgs		
100-7	Providing High Yield Strength Deformed (HYSD) bars (Fe 415 grade as per IS 1786-1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all insidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. complete for finished item of work in all floors (APSS No:126)	49100.00	Kgs		
100-8	Painting with Synthetic Enamel paints - Two Coats - For New Iron Work	1840.00	sqm		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
100-9	Plastering 20 mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves & coping as directed by Engineer - in - charge etc., complete for External Surfaces of Brick Wall and RCC exposed faces for finished item of work. (SS 901,903 & 904) and as per GFC drawings issued by the Employer.	1570.00	Sqm		
100-10	Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade over a base coat of approved cement primer grade I making making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 912 for external walls for:-External Colouring - Plastic emulsion paint - 3 Coats	1570.00	Sqm		
200.NEW DRIVE WAY FOR KALAKSHETRA					
200-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	715.00	Cum		
200-2	Supply, Laying,Filling, levelling and consolidation of Gravel blended with Gravel 70% and Sand 30% brought from approved quarry including cost and conveyance of gravel and sand and all labour charges for sectioning, ramming, watering etc. complete including Seigniorage charges, other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	1023.00	Cum		
200-3	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402).	400.00	Cum		
200-4	Supply and fixing C.C. Kerbs (Pre casted) not less than M30 strength, of size 600 X 400 X 110 mm thick with bottom thickness of 110 mm upto height of 350 mm and top width of 60 mm thick chamfering at starts at 350 mm height to 400 mm as per GFC drawings issued by the Employer can be laid existing CC Bed jointing with C.M(1:3) including cost and conveyance of all material & labour charges including sales & other taxes on all materials, transportation complete for finished item of work.	955.00	Rmt		
200-5	Sand filling with local sand including cost and conveyance of sand and all labour charges for sectioning, ramming, watering etc. complete	1060.00	Cum		
200-6	Painting to new walls with two coats of synthetic enamel paint over a coat of primer of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., as per GFC drawings issued by the Employer complete for finished item work as per SS for external walls	955.00	Sqmt		
300.NEW GRAND WALK WAY					
300-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	1237.00	Cum		

SI. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
300-2	Supply, Laying, Filling, levelling and consolidation of Gravel blended with Gravel 70% and Sand 30% brought from approved quarry including cost and conveyance of gravel and sand and all labour charges for sectioning, ramming, watering etc. complete including Seigniorage charges, other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	243.00	Cum		
300-3	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard, machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	96.00	Cum		
300-4	Sand filling with local sand including cost and conveyance of sand and all labour charges for sectioning, ramming, watering etc. complete	90.00	Cum		
300-5	Supply and fixing C.C. Kerbs (Pre casted) not less than M30 strength, of size 600 X 400 X 110 mm thick with bottom thickness of 110 mm upto height of 350 mm and top width of 60 mm thick chamfering at starts at 350 mm height to 400 mm as per GFC drawings issued by the Employer can be laid existing CC Bed jointing with C.M(1:3) including cost and conveyance of all material & labour charges including sales & other taxes on all materials, transportation complete for finished item of work	810.00	Rmt		
300-6	Supply and construction of Brick masonry 230 mm thick for walls in super structure, foundation with cement mortar (1:6) prop (Cement:sand) using Second class Bricks 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504.	387.00	Cum		
300-7	Painting to new walls with two coats of synthetic enamel paint over a coat of primer of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., as per GFC drawings issued by the Employer complete for finished item work as per SS for external walls	1161.00	Sqmt		
300-8	Supply and fixing of Polished or Rough or moulding granite stone of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15-20 mm thickness cement mortar (1:5) over Brick wall including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand, water and tiles etc., complete, including Seigniorage charges, complete for finished item of work. - Curved walls	2508.00	Sqm		
300-9	Flooring with flamed Tandur stone slabs of 15 to 18 mm thick set over a base coat of CM (1:5), 12mm thick using screened sand over already laid CC bed / RCC roof slab including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm and jointed with neat cement to full depth including cost and conveyance of all materials like cement, sand, water, flooring stones etc. complete including sales & other taxes on all materials including all labour charges like dressing of flooring stones to the required size, mixing of cement mortar, laying, lift charges, cost of base coat, water charges etc., and overheads & contractors profit complete for finished item of work. (APSS No.703 & 701)	6569.00	Sqmt		
400.NEW MURRUM WALK WAY					

SI. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
400-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	220.00	Cum		
400-2	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	71.00	Cum		
400-3	Supply and fixing C.C. Kerbs (Pre casted) not less than M30 strength, of size 600 X 400 X 110 mm thick with bottom thickness of 110 mm upto height of 350 mm and top width of 60 mm thick chamfering at starts at 350 mm height to 400 mm as per GFC drawings issued by the Employer can be laid existing CC Bed jointing with C.M(1:3) including cost and conveyance of all material & labour charges including sales & other taxes on all materials, transportation complete for finished item of work	2010.00	Rmt		
400-4	Painting to new walls with two coats of synthetic enamel paint over a coat of primer of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., as per GFC drawings issued by the Employer complete for finished item work as per SS for external walls	1510.00	Sqmt		
400-5	Supply, Laying,Filling, levelling and consolidation of Gravel blended with Gravel 70% and Sand 30% brought from approved quarry including cost and conveyance of gravel and sand and all labour charges for sectioning, ramming, watering etc. complete including Seigniorage charges, other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	1055.00	cum		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
500.GAZEBO					
500-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	100.00	Cum		
500-2	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	7.30	Cum		
500-3	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using batching plant at 20 Cum per hour, transit mixer 4cum capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDINGcost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site, and excluding seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc.,complete including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)				
	(a)For footings	29.70	Cum		
	(b) Columns	6.75	Cum		
	Plinth beam	11.45	Cum		
	Roof beam	11.45	Cum		
	Roof Slab	76.24	Cum		
	Precasted RCC Slab for seating	1.00	Cum		
500-4	Providing High Yield Strength Deformed (HYSD) bars (Fe 415 grade as per IS 1786-1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all insidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. complete for finished item of work in all floors (APSS No:126)	13658.47	Kgs		
500-5	Supply and construction of Brick masonry 230 mm thick for walls in super structure, foundation with cement mortar (1:6) prop (Cement:sand) using Second class Bricks 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site,cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504.	52.96	Cum		
500-6	Plastering 20 mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting Grooves as directed by Engineer - in - charge etc., complete for External Surfaces of Brick Wall and RCC exposed faces for finished item of work. (SS 901,903 & 904) and as per GFC drawings issued by the Employer.	889.97	Sqm		

SI. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
500-7	Providing Altek luppum (NCL) for new walls with two coats of Altek Luppam over primer coat and applying two coats of plastic emulsion paint over a coat of primer(total 5 coats) of approved brand and shade asin co. including through brushing of the surface to remove all dirt and remaining loose particles, cost and conveyance of all materials labour charges etc complete for finished item of work for all heights.	889.97	Sqm		
500-8	Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade over a base coat of approved cement primer grade I making making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 912 for external walls for:-External Colouring - Plastic emulsion paint - 3 Coats	889.97	Sqm		
500-9	Supply and fixing of Polished or Rough granite stone of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15-20 mm thickness cement mortar (1:5) over Brick wall including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work. - Curved walls	330.00	Sqm		
500-10	Providing and fixing Mangalore tile roofing above sloped roofs as directed by the Engineer and as per the GFC drawing given by the Employer including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work	49.00	Sqm		
600.Food courts					
600-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	72.00	Cum		
600-2	Providing Antitermite treatment as per IS 6315 (Part-2) 2001 (pre - constructional chemical treatment measures) along the internal and external verticalfaces of the columns plinth beams , basements and top surface of the basement filling below flooring bed as per the specified procedure confirming to IS 6315 (Part -2) 2001 and other relevant approved specification duly using Chlorpyriphos/lindane emulsifiable concentrate 20% with 1% concentration at 7.5 ltrs/Sqm of the vertical surface and at 5 ltrs / Sqm pf the horizontal surface of the sub structure to a depth of 500mm areound columns and 300mm deep around plinth beams basements & floorfilling area including excabvation channel along the wall and rodding etc., and cost and conveyence of all materials to the site cost of labour for spraying rodding etc., complete for finshed item of work as per approval of Engineer In Charge	292.00	Sqm		
600-3	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	15.72	Cum		

SI. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
600-4	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using batching plant at 20 Cum per hour, transit mixer 4cum capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site, and excluding seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)				
	Footings	6.91	Cum		
	Plinth Beams	1.02	Cum		
	Columns	6.19	Cum		
	Lintels beams & chajja	2.95	Cum		
	Roof beams	3.91	Cum		
	Roof Slabs	20.10	Cum		
600-5	Providing High Yield Strength Deformed (HYSD) bars (Fe 415 grade as per IS 1786-1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. complete for finished item of work in all floors (APSS No:126)	4108.59	Kgs		
600-6	Supply and construction of Brick masonry 230 mm thick for walls in super structure, foundation with cement mortar (1:6) prop (Cement:sand) using Second class Bricks 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504.	52.30	Cum		
600-7	Plastering 20 mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting Grooves as directed by Engineer - in - charge etc., complete for External Surfaces of Brick Wall and RCC exposed faces for finished item of work. (SS 901,903 & 904) and as per GFC drawings issued by the Employer.	470.00	Sqm		
600-8	Providing and applying synthetic plaster putty or equalent putty such as BIRLA WALL CARE PUTTY or texture paint or equalent such as NCL/ Sai coat texture of average 2 to 3 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, and the surface, clean & wipe off loose dust, applying knifing paste filler by putty knife/muslin pad, air dry for 2 - 3 hrs for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work.	470.00	Sqm		
600-9	Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade over a base coat of approved cement primer grade I making making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 912 for external walls for:-External Colouring - Plastic emulsion paint - 3 Coats	470.00	Sqm		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
600-10	Supply and fixing of Polished or Rough granite stone of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15-20 mm thickness cement mortar (1:5) over Brick wall including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work. - Curved walls	26.00	Sqm		
600-11	Providing and fixing Mangalore tile roofing above sloped roofs as directed by the Engineer and as per the GFC drawing given by the Employer including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work	165.00	Sqm		
600-12	Supply and fixing of Non-skid Ceramic Tiles flooring of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15mm thickness cement mortar (1:5) including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work.	70.57	Sqm		
700.TOILETS					
700-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	25.80	Cum		
700-2	Providing Antitermite treatment as per IS 6315 (Part-2) 2001 (pre - constructional chemical treatment measures) along the internal and external verticalfaces of the columns plinth beams , basements and top surface of the basement filling below flooring bed as per the specified procedure confirming to IS 6315 (Part -2) 2001 and other relevant approved specification duly using Chlorpyriphos/lindane emulsifiable concentrate 20% with 1% concentration at 7.5 ltrs/Sqm of the vertical surface and at 5 ltrs / Sqm pf the horizontal surface of the sub structure to a depth of 500mm areound columns and 300mm deep around plinth beams basements & floorfilling area including excabvation channel along the wall and rodding etc., and cost and conveyence of all materials to the site cost of labour for spraying rodding etc., complete for finshed item of work as per approval of Engineer In Charge	196.00	Sqm		
700-3	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	11.00	Cum		
700-4	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using batching plant at 20 Cum per hour, transit mixer 4cum capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDINGcost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site, and excluding seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc.,complete including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)				
	Footings	3.46	Cum		
	Plinth beam	2.04	Cum		
	Columns	1.82	Cum		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
	Lintels&Chajja	1.59	Cum		
	Roof Beams	1.95	Cum		
	Roof slabs	18.69	Cum		
700-5	Providing High Yield Strength Deformed (HYSD) bars (Fe 415 grade as per IS 1786-1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. complete for finished item of work in all floors (APSS No:126)	2954.90	Kgs		
700-6	Supply and construction of Brick masonry 230 mm thick for walls in super structure, foundation with cement mortar (1:6) prop (Cement:sand) using Second class Bricks 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504.	39.00	Cum		
700-7	Plastering 20 mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting Grooves as directed by Engineer - in - charge etc., complete for External Surfaces of Brick Wall and RCC exposed faces for finished item of work. (SS 901,903 & 904) and as per GFC drawings issued by the Employer.	364.00	Sqm		
700-8	Providing and applying synthetic plaster putty or equalent putty such as BIRLA WALL CARE PUTTY or texture paint or equalent such as NCL/ Sai coat texture of average 2 to 3 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, and the surface, clean & wipe off loose dust, applying knifing paste filler by putty knife/muslin pad, air dry for 2 - 3 hrs for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work.	364.00	Sqm		
700-9	Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade over a base coat of approved cement primer grade I making making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 912 for external walls for:-External Colouring - Plastic emulsion paint - 3 Coats	256.52	Sqm		
700-10	Supply and fixing of Polished or Rough granite stone of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15-20 mm thickness cement mortar (1:5) over Brick wall including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work. - Curved walls	5.25	Sqm		
700-11	Providing and fixing Mangalore tile roofing above sloped roofs as directed by the Engineer and as per the GFC drawing given by the Employer including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work	160.00	Sqm		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
700-12	Supply and fixing of Non-skid Ceramic Tiles flooring of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15mm thickness cement mortar (1:5) including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work.	70.57	Sqm		
700-13	Supply and fixing of Glazed Ceramic Tiles Dadoing of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15mm thickness cement mortar (1:4) including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work.	367.00	Sqm		
700-14	Supply, installing and commissioning approved make Hindustan / Parry ware with white European Water Closet of Approved Model with P or S trap 1st quality conforming to IS:2556-Part-2-1973 with CI short Connector & thimble pipe, PVC Low Level Cistern fixed on wall above EWC with CP Flush Bend and all internal parts of cistern viz. seat cover of approved make & colour with rubber buffer and cap 15 mm angle stop cock, 450 mm long PVC inter connection pipe, wall flanges all of approved make etc. complete for finished item of work in all respects as directed by the Engineer-in-Charge. and as per GFC drawings issued by the Employer	16.00	Each		
700-15	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete Indian make (HSW/Parry/Neycer) : 590 x 375 x 390 mm all as per GFC drawings issued by the Employer	6.00	Each		
700-16	Supplying and fixing NP bib taps of size 12.70mm dia of Indian make Seiko or equivalent including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors. 300gm	38.00	Each		
700-17	Supply and fixing of CP Jallies of approval make on wall including cost& convince charges all materials act completed for finished of item	30.00	Each		
700-18	Supplying and fixing of SWR/PVC pipes (as per ISI standards) 4 Kg/sqm Prince/Sudhakar or any ISI brand and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges etc., complete for finished item of work at all floor levels (APSS No.1302, 1319 & 1326)				
	110mm dia	500.00	Rmt		
700-19	Supplying and fixing of 28mm dia PPR Ball valve as per ISI Class - I , Indian make heavy type including cost and conveyance of all materials , labour charges etc. complete for finished item of work.				
	28mm Dia	20.00	Each		
700-20	Supplying & fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work.				
	16mm dia	200.00	Rmt		
	28mm dia	300.00	Rmt		
700-21	Supply of polythilin storage tank double layer conforming to IS:12701-1996 with lid (Syntex tank)	2000.00	Ltrs		
800.PLANTER BOX					
800-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	50.00	Cum		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
800-2	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	22.00	Cum		
800-3	Supply and construction of Brick masonry of required thick for walls in foundation/super structure, foundation, parapet walls with cement mortar (1:6) prop (Cement:sand) using Bricks second class or ground moulded (Non-Modular or traditional size) 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504. for:-Brick Masonry in CM 1:6 (Country) finished item of work as per GFC drawings issued by the Employer.	118.00	Cum		
800-4	Providing, spreading and fixing Cobble Stone Block flooring with 100x100x100mm hard granite blocks dressed neatly over 15mm thickness cement mortar (1:4) and joints filled duly to hold the blocks in design pattern as directed by the Engineer and as per the GFC drawing given by the Employer including cost of all materials like cement, sand water and stones etc., complete, including Seigniorage charges, complete for finished item of work	500.00	Sqm		
800-5	Plastering 20 mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting Grooves as directed by Engineer - in - charge etc., complete for External Surfaces of Brick Wall and RCC exposed faces for finished item of work. (SS 901,903 & 904) and as per GFC drawings issued by the Employer.	500.00	Sqm		
800-6	Supply and fixing of Polished or Rough granite stone of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15-20 mm thickness cement mortar (1:5) over Brick wall including near cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work. - Curved walls	115.00	Sqm		
800-7	Supply, Laying, Filling, levelling and consolidation of Gravel blended with Gravel 70% and Sand 30% brought from approved quarry including cost and conveyance of gravel and sand and all labour charges for sectioning, ramming, watering etc. complete including Seigniorage charges, other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	972.00	cum		
ernal parking bays					
900-1	Filling sand under foundation concrete including cost and conveyance of sand from approved source and labour charges for sectioning, ramming, watering and compacting etc., complete for finished item of work.	167.90	Cum		
900-2	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	168.00	Cum		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
900-3	Supply, delivery and fixing precast C.C.Paver concrete blocks for paving of M-30 grade and thickness not less than 50 mm for Nontraffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification including Seigniorage charges,sales & other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	1680.00	Sqm		
1000.External Footpath					
1000-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	160.00	Cum		
1000-2	Filling sand under foundation concrete including cost and conveyance of sand from approved source and labour charges for sectioning, ramming,watering and compacting etc., complete for finished item of work.	110.00	Cum		
1000-3	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	160.00	Cum		
1000-4	Supply and fixing C.C. Kerbs (Pre casted) not less than M30 strength, of size 600 X 400 X 110 mm thick with bottom thickness of 110 mm upto height of 350 mm and top width of 60 mm thick chamfering at starts at 350 mm height to 400 mm as per GFC drawings issued by the Employer can be laid existing CC Bed jointing with C.M(1:3) including cost and conveyance of all material & labour charges including sales & other taxes on all materials, transportation complete for finished item of work	1427.00	Rmt		
1000-5	Painting to new walls with two coats of synthetic enamel paint over a coat of primer of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., as per GFC drawings issued by the Employer complete for finished item work as per SS for external walls	1073.00	Sqmt		
1000-6	Supply, delivery and fixing precast C.C.Paver concrete blocks for paving of M-30 grade and thickness not less than 50 mm for Nontraffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification including Seigniorage charges,sales & other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	1070.00	Sqm		
1100	Vendors Zone	11.00	Each		
1200.Children play Area					
1200-1	Filling with carted coarse sand in trenches,sides of foundations and basement with initial lead in layers not exceeding 15cm thick,watering and ramming including cost and conveyance of water to work site and all peraitonal,incidental ,labour charges,hire charges of T&P etc., and overheads & contractors profit complete for finished item of work as per GFC drawings issued by the Employer(APSS NO.309&310)	646.00	Cum		
1200-2	Providing Stainless steel railing using stainless tubes, sections, plates, sheets and pipes of required sizes of 202 grade including labour charges for fabrication using stainless steel welding rods including buffing, polishing, lacquer finishing to present seamless finish etc. complete. for all round play equipment area including all fixtures etc as per GFC drawings issued by the Employer	2000.00	kgs		
1300. Children Play Equipment					
1300-1	Supply.delivery and fixing in position of (6seat fiber) of capacity 6 kids of size 5 x 5 x 5 Feet the seats are fabricated and covered with fibre along with pigment paints, handles made with stain less steel the materials used in ride are of dia 75&32mm class B pipes including all cost, conveyance of materials and all labour charges etc. complete as directed by the Departmental authorities	2.00	Nos		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1300-2	Supply.delivery and fixing in position of Sea-Saw of capacity 4 kids of size 8 x 3 x 5 Feet of dia 48mm&32mm class-B pipes Cross pipes are fabricated with double plates for detachable purpose along with seamless pipe bushes seats fabricated and covered with Fiber along with pigment paints including all cost, conveyance of materilas and all labour charges etc. complete as directed by the Departmental authorities.	2.00	Nos		
1300-3	Supply.delivery and fixing in position of double swing of capacity two seats 10 x 5 x 8 Feet bearing system type center pipe was fabricated with semless bushes with diagonal supports of 2 inch dia. Class B pipes and seats fabricated and covered with Fiber including all cost, conveyance of materilas and all labour charges etc. complete as directed by the Departmental authorities.	2.00	Nos		
1300-4	Supply.delivery and fixing in position of slide with lader (fiber slide 10Ft) power free of size 15 x 2 x 6 Feet, the stand made with 60mm & 32mm dia class B pipes the slide is fabricated and covered with fibre along with FRP with pigment body including all cost, conveyance of materilas and all labour charges etc. complete as directed by the Departmental authorities.	2.00	Nos		
1300-5	Supply.delivery and fixing in position of Multy play system(2 stage) including all cost, conveyance of materilas and all labour charges etc. complete as directed by the Departmental authorities.	2.00	Nos		
1300-6	Providing and placing of Dust bins S.S Make	21.00	Nos		
1300-7	Providing and placing Slogan boards of S.S material	40.00	Nos		
1400.Open Air Theatre					
1400-1	Supply and fixing of Polished or Rough granite stone of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15-20 mm thickness cement mortar (1:5) over Brick wall including near cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work. - Curved walls	336.35	Sqm		
1400-2	Flooring with flamed Tandur stone slabs of 15 to 18 mm thick set over a base coat of CM (1:5) , 12mm thick using screened sand over already laid CC bed / RCC roof slab including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm and jointed with neat cement to full depth including cost and conveyance of all materials like cement, sand, water, flooring stones etc. complete including sales & other taxes on all materials including all labour charges like dressing of flooring stones to the required size, mixing of cement mortar, laying, lift charges , cost of base coat, water charges etc., and overheads & contractors profit complete for finished item of work. (APSS No.703 & 701)	599.76	Sqmt		
1400-3	Providing and fixing Cobble Stone Textured locally available stone cladding over 15mm thickness cement mortar (1:4) including near cement slurry of honey like consistency spread @ 3.3 kgs per sqm as directed by the Engineer and as per the GFC drawing given by the Employer including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work	82.00	Sqm		
1400-4	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	251.00	Cu.m		
1400-5	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. as per GFC drawings issued by the Employer (APSS No. 402)	61.00	Cum		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1400-6	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using batching plant at 20 Cum per hour, transit mixer 4cum capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site, and excluding seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)				
	Footings	11.00	Cum		
	Pedstals	2.00	Cum		
	Columns	10.00	Cum		
	Roof beams	25.00	Cum		
	Roof slab	7.25	Cum		
1400-7	Providing High Yield Strength Deformed (HYSD) bars (Fe 415 grade as per IS 1786-1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. complete for finished item of work in all floors (APSS No:126)	5524.50	Kgs		
1400-8	Supply and construction of Brick masonry 230 mm thick for walls in super structure, foundation, parapet walls with cement mortar (1:6) prop (Cement:sand) using Bricks second class or ground moulded (Non-Modular or traditional size) 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504. for:-Brick Masonry in CM 1:6 (Country) finished item of work as per GFC drawings issued by the Employer.	213.00	Cu.m		
1400-9	Plastering 20 mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting Grooves as directed by Engineer - in - charge etc., complete for External Surfaces of Brick Wall and RCC exposed faces for finished item of work. (SS 901,903 & 904) and as per GFC drawings issued by the Employer.	168.00	Sqm		
1400-10	Plastering to ceiling 12 mm thick in two coats with base coat of 8mm thick in CM (1:5) and top coat of 4mm thick in CM (1:3) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including seigniorage charges, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting Grooves as directed by Engineer - in - charge etc., complete for RCC exposed faces for finished item of work. (SS 901,903 & 904) for:-Ceiling and internal Plastering 2/c in CM (1:3) & (1:5): 12 mm	81.00	Sqm		
1400-11	Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade over a base coat of approved cement primer grade I making making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 912 for external walls for:-External Colouring - Plastic emulsion paint - 3 Coats	82.00	Sqm		

SI. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1400-12	Providing Altek luppum (NCL) for new walls with two coats of Altek Luppam over primer coat and applying two coats of plastic emulsion paint over a coat of primer(total 5 coats) of approved brand and shade asin co. including through brushing of the surface to remove all dirt and remaining loose particles, cost and conveyance of all materials labour charges etc complete for finished item of work for all heights.	72.00	Sqm		
1400-13	Supply delivery and fixing in position of M S Iron grill work for gates of any design (Sliding / Revolving / Swinging etc) approved by the departmental authorities using required sizes of M S materials including all cost, conveyance of material and all labour charges for cutting, bending to required shape, welding including cost of welding rods, grinding etc. complete with all taxes etc. complete finished item of work as per GFC drawings issued by the Employer	840.00	kgs		
1400-14	Painting to new Steel works with 2 coats of approved synthetic enamel paint of approved brand and shade to give an even shade after thoroughly cleaning and sand papering the surface to remove all dirt and remains , including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work for:-Painting to steel work - Synthetic enamel paint to New steel Work - 2 coats as per GFC drawings issued by the Employer	53.00	Sqm		
1400-15	Supply and fixing of Polished or Rough granite stone of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15-20 mm thickness cement mortar (1:5) over Brick wall including near cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work. - Curved walls	152.00	Sqm		
1400-16	Supply and fixing Teak Wood framed FLUSH Doors double shutter door with prelaminate flush shutter as per approved drawings with best quality 2nd class teakwood frame of size 125x75mm and flush door shutters of 35 mm thick solid bond wood block board type with both side with commercial ply as per drawing including fixing of 6 Nos. MS Z hold fasts, including cost of applying bitumen primer for frame along masonry side, cost of 4 nos of 125mm long MS butt hinges of 1st quality, 40 NOs of 1 1/2" long netted fold screws, and all the necessary fixtures, cost of conveyance of all materials, labour charges etc complete as directed by dept. (APSS no 1001 & 1002) and as per the GFC drawing given by the Employer	6.00	Sqm		
1400-17	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windowsdoors three track - only two glass shutters sliding - 95 -Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work as per the GFC drawing given by the Employer	5.00	Sqm		
1400-18	Providing and fixing Mangalore tile roofing above sloped roofs including all necessary fittings and fixtures as per the GFC drawing given by the Employer including cost of all materials like cement, sand water and tiles, labour etc., at all heights complete, including Seigniorage charges, complete for finished item of work	63.00	Sqm		
1400-19	Providing, fabricating and fixing Cattle Trap of required size in M.S angles and Pipes including all necessary accessories as per the GFC drawing given by the Employer including cost of all materials, labour etc., at all heights complete, including Seigniorage charges, complete for finished item of work	1170.00	kgs		

1500.Cycle track

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1500-1	Earthwork excavation and depositing on bank with an initial lead of 10 meters and initial lift of 2 meters in case of head load only in Hard disintegrated rock or soft rock or conglomerate rock ect removable by pick axes and crow bars etc in restricted places where depth is more than 1.5 times the width- 1 Cum	1891.40	Cum		
1500-2	Supply, Laying,Filling, levelling and consolidation of Gravel blended with Gravel 70% and Sand 30% brought from approved quarry including cost and conveyance of gravel and sand and all labour charges for sectioning, ramming, watering etc. complete including Seigniorage charges, other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	318.60	Cum		
1500-3	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	200.00	Cum		
1500-4	Sand filling with local sand including cost and conveyance of sand and all labour charges for sectioning, ramming, watering etc. complete	160.00	Cum		
1500-5	Providing and laying of Paver blocks of M-35 Grade, thickness not less than 60mm for light traffic areas confirming to IS 15658:2006 in all shapes and design as per manufacture specification with cost and conveyance of all material & labour charges for laying of interlocking paver blocks complete as directed by the Engineer in charge	1575.00	Sqm		
1500-6	Supply and fixing C.C. Kerbs (Pre casted) not less than M30 strength, of size 600 X 400 X 110 mm thick with bottom thickness of 110 mm upto height of 350 mm and top width of 60 mm thick chamfering at starts at 350 mm height to 400 mm as per GFC drawings issued by the Employer can be laid existing CC Bed jointing with C.M(1:3) including cost and conveyance of all material & labour charges including sales & other taxes on all materials, transportation complete for finished item of work	530.00	Rmt		
1500-7	Brick Masonry in CM (1:6) with Bricks traditional size 23 x 11 x 7 cms 2nd class from local including cost and conveyance of materials and all labour charges etc. complete	144.62	Cum		
1500-8	Plastering in CM (1:3) 20 mm thick using SRC including cost and conveyance of all materials, labour for mixing material, laying and curing etc., complete	817.44	Cum		
1600-Renovation of Fountain					
	Fountain	1.00	L.S		
1700-Dismantling the existgng buildings /Paving/Boundary wall					
1700-1	Dismantling, clearing away and carefully stacking the useful materials for re-use and disposal of unserviceable materials with 100m lead as directed bythe Departmental Officers duly taking actual premeasurements before dismantling including all labour charges , overheads & contractor profit etc., complete for finished item of work. (Existing structures like Culvert, bridges, retaining wall and other structures comprising of brick masonry /wood work, steel work etc..)	510.00	Cum		
1700-2	Dismantling of existing structures R.C.C items and staking the materials use full for reuse and throwing away the dismantled Stuff to a 50mts Radius etc... completed as directed by the Engineer- In-charge.	65.92	Cum		
1800.Swimming pool					
1800-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	268.50	Cum		

SI. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1800-2	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	54.51	Cum		
1800-3	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using batching plant at 20 Cum per hour, transit mixer 4cum capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDINGcost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site, and excluding seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc.,complete including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)				
	For footings	16.00	Cum		
	For pedestals	1.82	Cum		
	For columns	5.71	Cum		
	For Plinth Beams	10.32	Cum		
	For Beams	2.60	Cum		
	For Slabs	14.14	Cum		
	R.C.C Wall for Swimming pool	42.35	Cum		
	For Lintels	0.88	Cum		
1800-4	Providing High Yield Strength Deformed (HYSD) bars (Fe 415 grade as per IS 1786-1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all insidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. complete for finished item of work in all floors (APSS No:126)	9382.79	Kgs		
1800-5	Supply and construction of Brick masonry of required thick for walls in foundation/super structure, foundation, parapet walls with cement mortar (1:6) prop (Cement:sand) using Bricks second class or ground moulded (Non-Modular or traditional size) 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site,cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504. for:-Brick Masonry in CM 1:6 (Country) finished item of work as per GFC drawings issued by the Employer.	66.29	Cum		
1800-6	Reinforced Brick Masonary wall of 11.5 cm in CM (1:6) using 2nd class brick having a crushing strength of not less than 35 Kgs/cm ² and using two mild steel bars of 6 mm dia in every third layer of brick masonry with free joints of main brick works including cost and conveyance of all materials and water from approved source to work site and all operational, incidental labour charges such as scaffolding, mixing mortar, constructing masonry, lift charges, curing etc., complete but excluding the cost of steel and its fabrication charges for finished item of work as per SS 509	28.35	Sq.mt		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1800-7	Plastering 20 mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting Grooves as directed by Engineer - in - charge etc., complete for External Surfaces of Brick Wall and RCC exposed faces for finished item of work. (SS 901,903 & 904) and as per GFC drawings issued by the Employer.	576.41	Sqm		
1800-8	Providing and applying synthetic plaster putty or equalent putty such as BIRLA WALL CARE PUTTY or texture paint or equalent such as NCL/ Sai coat texture of average 2 to 3 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, and the surface, clean & wipe off loose dust, applying knifing paste filler by putty knife/muslin pad, air dry for 2 - 3 hrs for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work.	311.21	Sqm		
1800-9	Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade over a base coat of approved cement primer grade I making making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 912 for external walls for:-External Colouring - Plastic emulsion paint - 3 Coats	576.41	Sqm		
1800-10	Supply, delivery and fixing precast C.C.Paver concrete blocks for paving of M-30 grade and thickness not less than 50 mm for Non-traffic areas conforming to IS- 15658:2006 in all shapes and designs as per the manufacturer's specification including Seigniorage charges, sales & other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	17.60	Sqm		
1800-11	Supply & fixing of 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 Mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special)	33.08	Sqm		
1800-12	Supply & fixing of 16 to 18mm thick Rough granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 Mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special)	150.00	Sqm		
1800-13	Providing and fixing 35mm thick BRAND FACTORY MADE MOULDED DOOR SHUTTER consisting of sold core single leaf flush door of 30mm thickness, lipped with 15mm (5mmX3) thick X 30mm width on one stiles and top rails and 10mm (5mmX2) thick X 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different panel and / or prelam colours on one side after routing the moulded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and solvent cement adhesive on Pac lipping etc. complete as per direction of Engineer-in-Charge, manufacture specification and drawing	7.56	Sqm		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1800-14	Supply & Fixing of Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long For Flush Doors	6.00	Each		
1800-15	Supply & Fixing of Aluminium Door Handles (IS:208) 125 mm Long for flush doors	6.00	Each		
1800-16	Supply & Fixing of Aluminium Aldrop (IS:2681) 300 mm long for flush doors	6.00	Each		
1800-17	Supply & Fixing Aluminium Butt hinges (IS:205)- 100 mm Long for flush doors	9.00	Each		
1800-18	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 10 mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per manufacturers specification and direction of Engineer-in-Charge for finished item of work	34.20	Rmt		
1800-19	Providing and fixing 30mm thick Solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive. Complete as per direction of Engineer-in-charge, manufacturer's specification & drawing for finished item of work .	9.45	Rmt		
1800-20	Supply and fixing of Glass Mosaic Tiling flooring of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15mm thickness cement mortar (1:5) including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work.	236.00	Sqm		
1800-21	(a)Pressure Sand Filter				
	Vertical Self Supporting Pressure Filter fiberglass Laminated seamless, UV Resistance surface finish, dished ends complete with UPVC face piping with Manual multiport valve, water drain valve, pressure gauge, sample cock, air vent and all accessories with initial charge of filter media and with vertical supports with piping and suitable foundation and piping and as required at site,Make : Pentair,Model : BWF-36-2-SM (900mm dia),Filtration rate = 33 M3/M2/Hr,Test pressure = 3.5 kg/cm2,Working pressure =3.5 kg/cm2,Max. Operating Temperature : 50 deg Celsius,Size foundation: Dia. 900mm	1.00	nos		
	(b)Supply of Filter media with 0.5 to 1.2mm sizes	550.00	kg		
1800-22	Re-circulating Pump (23019 pentair USA)				
	Single stage/Horizontal self priming pumps set with prefilter, Thermoplastic injected pump casing. Impeller in noryl with Fiber Glass. Stainless steel shaft, mechanical seal in stainless steel connected to TEFC induction motor, 3HP, 3 phase, 50 cycles A.C supply, IP-55 motor protection complete with inbuilt Filter basket in injected plastic material and vibration isolator of required size at suction/delivery of pumps (Make : Pentair,Phase :3PH,Qty. : 1Nos. Working + 1 Stand By)	1.00	nos.		
1800-23	Dosing Equipment				
	Providing & fixing electronic type chemical dosing pump of capacity 0-6 lph @ 4bar with 100 ltr HDPE Tank with lid injection fitting assembly, suction & delivery hose upto the point of injection, required pipe & fittings with agitator assembly complete in all respects including first charge of chemicals. (Pump+Tank+Agitator)				
	Make : Pentair				
	Model : FE108				
	Tank : HDPE				

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
	Pump : PP				
	Agitator Assembly : SS Shaft & Stirrer, RPM 150				
	Tank Size/ Foundation Area: Height 850 X Dia. 450mm				
	Valve, Pipe & Fitting	1.00	SET		
1800-24	Supply, installation, testing & commissioning of Swimming Pool Basin Fitting				
	(a)Main Drian	2.00	nos		
	12" StarGuard frame cover white ABS complete with all relevant fittings & accessories.				
	Make : Pentair				
	Model : 500500EX				
	(b)Bottom/ Floor Inlets Nozzles	5.00	nos		
	Floor Inlet- White ABS screw type floor inlet with regulable flow.				
	Make : Pentair				
	Model : FI-001-ASY-WHT				
	(c)Vacuum Point	2.00	nos.		
	Suction Fitting Made of ABS white color				
	Make : Pentair				
	Model :SF-001-ASY-WHT				
	(d)Vacuum Conduit	2.00	nos		
	Wall Inlet Long Vacuum Port connection mouting in concrete in White ABS,				
	Make : Pentair				
	Model : WA-Con-02				
1800-25	Supply Maintance Accessories				
	a) 1,20m-> 2,40m Telesopic Pole	1.00	nos.		
	b) Deluxe large Vac head, 4 wheels, Alu body, plastic handle	1.00	nos.		
	c) Extruded PE. 1 1/2" - 30M	1.00	nos.		
	d) Algae Brush 18" curved in ABS	1.00	nos.		
	e) Hand Skimmer	1.00	nos.		
	f) Test Kit for residual chlorine & Ph	1.00	nos.		
1800-26	Ladder				
	Stainless steel AISI-304 Mixed ladders with handrails with standard model step, added top double safety tread, width: 500mm, handrails dia 43mm stainless steel non-slip steps, provided with electrical earthing connection and anchoring fixtures. Ladder - 4 Steps	2.00	nos.		
	Make : Pentair				
1800-27	UNDER WATER LIGHTING SYSTEM WITH FITTINGS				
	Supply of Under Water lights 12 volts 12 watts with SMD LED lights with stainless steel frame including driver and necessary fittings (except wiring) Make:RLI /HYBAC /EQ	8.00	Nos		
1800-28	Supply of Pool Deck box with necessary O ring fittings with openable top lid Make: Pentair/Eq	8.00	No		
1800-29	Supply of Step Down Transformer (Power Driver) for under water lights	2.00	Nos		
1800-30	Providing and laying cables to individual motors in PVC conduits / flexible conduit with suitable supports etc, with necessary earthing etc., complete. Make: Poly cap /Finolex				
	4 sq mmx3core	66.00	Rmt		
	2.5sq mmx 2 core	255.00	Rmt		
1800-31	Plumbing and Control Regulating valves and electrical works				
	Towards Supply of Swimming Pool Plumbing work with main drain line , overflow line, vaccum line, bottom floor inlet line and balancing pipes and fittings complete including fittings	1.00	set		
1800-32	Towards supply of control Valves with suitable sizes for swimming pool filtration system with butterfly valves complete	1.00	set		
1800-33	Supplying, fabricating, installing, testing and commissioning of COMMON control panel for electrical equipments related to swimming pool, filter pump, under water lights for main pool and The control panel should consists of outgoing feeders for all the equipments related cables complete. Only incoming feeder shall be provided including filter pumps and surrounding lighting control (monoblock pumps-under water lights , chemical dosing optional nos,step down transformers and necessary safety feeder with connectors including volta meter amp meter toggle switches dry run protection preventor relay accessories etc., complete)	1.00	set		
1800-34	installation testing and commissioning of swimming pool with lighting with jaccuzzi with one month maintenance with manpower and chemical	1.00	LS		

1900 Development of Entry Plaza

SI. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1900-1	Earth work excavation for foundations (Manual Means) of building foundations, footings,walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational,incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	67.50	Cum		
1900-2	Providing Antitermite treatment as per IS 6315 (Part-2) 2001 (pre - constructional chemical treatment measures) along the internal and external verticalfaces of the columns plinth beams , basements and top surface of the basement filling below flooring bed as per the specified procedure confirming to IS 6315 (Part -2) 2001 and other relavent approved specification duly using Chlorpyriphos/lindane emulsifiable concentrate 20% with 1% concentration at 7.5 ltrs/Sqm of the vertical surface and at 5 ltrs / Sqm pf the horizontal surface of the sub structure to a depth of 500mm around columns and 300mm deep around plinth beams basements & floorfilling area including excabvation channel along the wall and rodding etc., and cost and conveyence of all materials to the site cost of labour for spraying rodding etc., complete for finshed item of work as per approval of Engineer In Charge	97.21	Sqm		
1900-3	Sand filling with local sand including cost and conveyance of sand and all labour charges for sectioning, ramming, watering etc. complete	124.2	Cum		
1900-4	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	84.55	Cum		
1900-5	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using batching plant at 20 Cum per hour, transit mixer 4cum capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDINGcost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site, and excluding seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc.,complete including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)				
	Footings	14.18	Cum		
	Columns	10.61	Cum		
	Plinth Beam	8.42	Cum		
	Lintels	0.93	Cum		
	Beams	12.98	Cum		
	Slab	5.13	Cum		
1900-6	Providing High Yield Strength Deformed (HYSD) bars (Fe 415 grade as per IS 1786-1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all insidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. complete for finished item of work in all floors (APSS No:126)	5224.56	kgs		

SI. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1900-7	Supply and construction of Brick masonry of required thick for walls in foundation/super structure, foundation, parapet walls with cement mortar (1:6) prop (Cement:sand) using Bricks second class or ground moulded (Non-Modular or traditional size) 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504. for:-Brick Masonry in CM 1:6 (Country) finished item of work as per GFC drawings issued by the Employer.	115.64124	cum		
1900-8	Plastering 20 mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting Grooves as directed by Engineer - in - charge etc., complete for External Surfaces of Brick Wall and RCC exposed faces for finished item of work. (SS 901,903 & 904) and as per GFC drawings issued by the Employer.	1272.481	Sqm		
1900-9	Providing and applying synthetic plaster putty or equalent putty such as BIRLA WALL CARE PUTTY or texture paint or equalent such as NCL/ Sai coat texture of average 2 to 3 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, and the surface, clean & wipe off loose dust, applying knifing paste filler by putty knife/muslin pad, air dry for 2 - 3 hrs for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work.	493.48	Sqm		
1900-10	Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade over a base coat of approved cement primer grade I making making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 912 for external walls for:-External Colouring - Plastic emulsion paint - 3 Coats	493.48	Sqm		
1900-11	Supply and fixing of Vitrified Tiles flooring 600x600mm of approved colour and make as directed by the Engineer and as per the GFC drawing given by the Employer in 15mm thickness cement mortar (1:5) including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work.	47.9	Sqm		
1900-12	Providing, spreading and fixing Cobble Stone Block flooring with 100x100x100mm hard granite blocks dressed neatly over 15mm thickness cement mortar (1:4) and joints filled duly to hold the blocks in design pattern as directed by the Engineer and as per the GFC drawing given by the Employer including cost of all materials like cement, sand water and stones etc., complete, including Seigniorage charges, complete for finished item of work	758.9	Sqm		
1900-13	Supplying and fixing aluminum composite cladding with skin material 0.5 mm thick aluminum sheet cover material natural polythylene aluminum cladding pannel fixed with extruded aluminum basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respect including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP cladding -4mm thk	316.92	sqm		
1900-15	Gates	1228.5	kgs		

Sl. No	Description of Item	Quantity	Unit	Rate in Rs	Amount
1900-16	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows doors three track - only two glass shutters sliding - 95 -Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work as per the GFC drawing given by the Employer	17.328	Sqm		
1900-17	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) openable doors with openable shutters duly manufactured using UPVC reinforced profiles of 60 mm x 55 mm x 2.0 mm for outer frames, 70 mm x 60 mm x 2.25 mm for mullion sections as per the need and 102 mm x 60 mm x 2.0 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant and accessories for openable door - hinges of stainless steel grade 304- 3 Nos., per shutter handle with mazak alloy casting 1 No. per shutter, locking system suitably concealed 1 No., with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	5.04	Sqm		
1900-18	Supply delivery and fixing in position of M S Iron grills of any design approved by the departmental authorities using required sizes of M S materials including all cost, conveyance of material and all labour charges for cutting, bending to required shape, welding including cost of welding rods, grinding etc. complete with all taxes etc. complete finished item of work.	259.92	Kgs		
1900-19	Supply of glazed full body porcelain wall tiles of size 600 x 800 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 7-9 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs and providing and fixing flooring with full depth jointing and pointing to the Marble/ Granite flooring for any sizes with cement based adhesive in width of 3-5 mm etc., complete as directed by the Engineer In Charge	415.9308	sqm		
1900-20	Traffic Bollards	12	Nos		
2000	Statue for Dokka Sitamma garu in the premises of raja tank	1	1 Job		
2100	Miscelaneous Items like (repairing works)	1	1 job		
2200	Supply of saden Vehicle for KSCCL staff for inspection of works including driver salary, diesel, other maintenance etc.,	9	month		
Grand Total					
	Rs. in Words				