

Financial Bid – PART- I BoQs (Annexure-1)

SMART CITY PROJECT- KAKINADA, ANDHRA PRADESH**Name of the work: Rehabilitation and Development of Gandhinagar Park****BILL OF QUANTITIES**

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
100	WALKING TRACK				
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 Engineer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cum		394	
100-2	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 Engineer-In-Charge 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)	Cum		413	
100-3	Supply and fixing C.C. Kerbs (Pre casted) not less than M35 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 Engineer-In-Charge 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	Rmt		2910	
100-4	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)	Sqm		1403	
100-5	Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 400 x 400 mm and thickness 25 mm of any shades as per GFC drawings issued by the Engineer-In-Charge	Sqm		1692	
100-6	Supply of precast concrete inter blocks for paving of M-35 grade and thickness not less than 60 mm for Light traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification set over the 50 mm thick sand bed with hand roller compaction with joint neatly in homogenous or hetrogenious pattern as the color and pattern shall be as per the drawings furnished by the architect, including cost of all materials like cement, sand water and tiles etc., complete for finished item of work	Sqm		638	
100-7	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 Engineer-In-Charge complete for finished item work as per SS for external walls	Sqm		2183	
100-8	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 Engineer-In-Charge.	cum		511	
100-9	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 Engineer-In-Charge.	Cu.m		94	
100-10	Flooring with 16 to 18 mm thick flamed granite stone slabs colour as 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 over CC bed already laid or RCC roof slab 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, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special)	Sqm		210	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
100-11	Supplying and fixing stainless steel hand railing, balustrade etc using 304 or 202 grade stainless steel pipes of 50 mm dia nominal bore for hand railing at 3'0" high from ground level and 40 mm dia nominal bore for vertical supports placed at 5'0" c/c and two numbers 25 mm dia nominal bore for horizontal pipes placed below hand railing pipe as per the approved drawing including cost and conveyance of all materials buffing charges polishing charges etc complete for finished item of work. (50mm dia @4.57kg/Rmt, 40mm dia @3.61kg/Rmt and 25mm dia @2.46kg/Rmt as per GFC drawings issued by the Engineer-In-Charge	Sqm		63.00	
200	ENTRANCE DEVELOPMENT				
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 Engineer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cu.m		133.00	
200-2	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. 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 Engineer-In-Charge (APSS No. 402)	Cum		55.00	
200-3	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)				
3.a	For footings	Cum		22.00	
3.b	For pedstals	Cum		4.00	
3.c	For columns	Cum		12.00	
3.d	For beams	Cum		4.00	
		Cum		14.49	
200-4	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)	Kgs		5649	
200-5	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 Engineer-In-Charge.	Cu.m		135.00	
200-6	Plastering 20 mm thick in CM (1:4) 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 Engineer-In-Charge.	Sqm		122.00	
200-7	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	Sqm		81.00	
200-8	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 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	Sqm		82.00	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
200-9	Providing Altek luppum (NCL) for new plastered walls surfaces with two coats of Altek Luppam (total 2 coats) of approved brand and shade asin co. including through smooth surface to remove all dirt and remaining loose particles, cost and conveyance of all materials, labour scaffolding charges etc complete for finished item of work for all heights.	Sqm		72.00	
200-10	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 Enginneer-In-Charge	kgs		1640	
200-11	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 paping 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 Enginneer-In-Charge	Sqm		103.00	
200-12	Flooring with 16 to 18 mm thick flamed granite stone slabs colour as 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 over CC bed already laid or RCC roof slab 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, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special)	Sqm		#REF!	
200-13	Supply and fixing Teak Wood framed FLUSH Doors double shutter door with prelamated 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 coneyance of all materials, labour charges etc complete as directed by dept. (APSS no 1001 & 1002) and as per the GFC drawing given by the Enginneer-In-Charge	Sqm		6.00	
200-14	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 Enginneer-In-Charge	Sqm		5.00	
200-15	Providing and fixing Mangalore tile roofing above sloped roofs including all necessary fittings and fixtures as per the GFC drawing given by the Enginneer-In-Charge 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	Sqm		126.00	
200-16	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 Enginneer-In-Charge including cost of all materials, labour charges, at all heights complete, including Seigniorage charges, complete for finished item of work	kgs		780.00	
300	CHILDRENS PLAY AREA				
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 Enginneer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cu.m		44.00	
300-2	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 Enginneer-In-Charge 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)	Cum		15.00	
300-3	Supply and fixing casting situ C.C. (Pre casted) not less than M30 strength, C.C. Kerbs 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 Enginneer-In-Charge can be laid existing CC Bed with kerb laying machine jointing with C.M(1:3) including cost and conveyance of all material & labour charges including transportation complete for finished item of work	Rmt		410.00	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
300-4	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 Enginneer-In-Charge(APSS NO.309&310)	Cum		237.00	
300-5	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 Enginneer-In-Charge	kgs		1200	
400	CHILDREN PLAY EQUIQPMENT				
400-1	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	Ls		2.00	
400-2	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.	Ls		2.00	
400-3	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.	Ls		2.00	
400-4	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.	Ls		2.00	
400-5	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.	Ls		2.00	
400-6	Providing and placing of Dust bins S.S Make	Each		40.00	
400-7	Providing and placing Slogan boards of S.S material	Each		15.00	
500	NEW COMPOUND WALL				
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 Enginneer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cu.m		1255.5	
500-2	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed as per GFC drawings issued by the Enginneer-In-Charge 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. (APSS No. 402)	Cum		225.00	
500-3	Reinforced Cement Concrete M 25 Nominal Mix (Cement, Fine Aggregate, Coarse aggregate) corresponding to table - 9 of IS - 456 using 20mm size graded machine crushed hard granite Chips (Coarse aggregate) from approved quarry including cost and conveyance of all materials like Cement, Fine Aggregate (Sand), Coarse Aggregate, Water etc., to site and including Seigniorage charges, sales and other taxes, on all materials including all operational, incidental and labour charges such as machine mixing, laying, concrete, curing etc., complete including centering, Shuttering as per GFC drawings issued by the Enginneer-In-Charge (Page No.664) BLD CSTN-2-13. S.No.21				
3.a	for footings	Cum		59	
3.b	plinth beam	Cum		53.00	
3.c	for columns	Cum		24.00	
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)	Kgs		13600	
500-5	Plastering 20 mm thick in CM (1:4) 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 Enginneer-In-Charge.	Sqm		185.60	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
500-6	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 Engineer-In-Charge.	Cu.m		279.00	
500-7	Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 400 x 400 mm and thickness 25 mm of any shades as per GFC drawings issued by the Engineer-In-Charge	Sqm		760	
500-8	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 Engineer-In-Charge including cost of all materials like cement, sand water and stones etc., complete, including Seigniorage charges, complete for finished item of work	Sqm		1633.00	
500-9	Supply of precast concrete blocks for paving of M-35 grade and thickness not less than 60 mm for Light traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification set over the 50 mm thick sand bed with hand roller compaction with joint neatly in homogenous or heterogeneous pattern as the color and pattern shall be as per the drawings furnished by the architect, including cost of all materials like cement, sand water and tiles etc., complete for finished item of work	Sqm		525.00	
500-10	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.	Kgs		10530	
600	FOOD COURT AND TOILET BLOCK				
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 Engineer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B (APSS 308)	Cu.m		95	
600-2	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. 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 Engineer-In-Charge. (APSS No. 402)	Cum		20	
600-3	Reinforced Cement Concrete M 25 Nominal Mix (Cement, Fine Aggregate, Coarse aggregate) corresponding to table - 9 of IS - 456 using 20mm size graded machine crushed hard granite Chips (Coarse aggregate) from approved quarry including cost and conveyance of all materials like Cement, Fine Aggregate (Sand), Coarse Aggregate, Water etc., to site and including Seigniorage charges, sales and other taxes, on all materials including all operational, incidental and labour charges such as machine mixing, laying, concrete, curing etc., complete including centering, Shuttering as per GFC drawings issued by the Engineer-In-Charge (Page No.664) BLD CSTN-2-13. S.No.21				
3.a	for footings	Cum		6	
3.b	for pedestals	Cum		3.00	
3.c	plinth beam	Cum		4.00	
3.d	for columns	Cum		3.00	
3.e	for roof beam	Cum		4.00	
3.f	for roof slab 115mm thick sloped	Cum		22.00	
600-4	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 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)	Kgs		4200	
600-5	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 Engineer-In-Charge.	Cu.m		54	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
600-6	Supply and construction of Reinforced Brick Masonry for partition walls (115 mm thick) in CM (1:4) 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. and placing 2 nos of 6mm M.S plain rods in every third layer with free ends of the reinforcement pegged into mortar joints of main brick walls where applicable including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, scaffolding charges and all labour charges like mixing cement mortar, lift charges, curing, complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 509 & 501) for:-Reinforced Brick Masonry in CM 1:4 (Country) as per GFC drawings issued by the Engineer-In-Charge	Sqm		36	
600-7	Plastering 20 mm thick in CM (1:4) with 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 Engineer-In-Charge.	Sqm		186	
600-8	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	Sqm		260	
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	Sqm		186	
600-10	Providing Altek luppum (NCL) for new plastered walls surfaces with two coats of Altek Luppam (total 2 coats) of approved brand and shade asin co. including through smooth surface to remove all dirt and remaining loose particles, cost and conveyance of all materials, labour scaffolding charges etc complete for finished item of work for all heights.	Sqm		285	
600-11	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 Engineer-In-Charge in 15mm thickness cement mortar (1:5) 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.	Sqm		32	
600-12	Supply and fixing of Nonskid Ceramic Tiles flooring of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Engineer-In-Charge in 15mm thickness cement mortar (1:5) 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.	Sqm		39	
600-13	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 Engineer-In-Charge in 15mm thickness cement mortar (1:4) 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.	Sqm		132	
600-14	Providing and fixing Mangalore tile roofing above sloped roofs as directed by the Engineer and as per the GFC drawing given by the Engineer-In-Charge including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work	Sqm		157	
600-15	Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 400 x 400 mm and thickness 25 mm of any shades as per GFC drawings issued by the Engineer-In-Charge	Sqm		168	
600-16	Supply and fixing Teak Wood framed FLUSH Doors double shutter door with prelamated 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 coneyance of all materials, labour charges etc complete as directed by dept. (APSS no 1001 & 1002) and as per the GFC drawing given by the Engineer-In-Charge	Sqm		9	
600-17	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 gauges. 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 as per the GFC drawing given by the Enginneer-In-Charge	Rm		41	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
600-18	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. and as per the GFC drawing given by the Engineer-In-Charge	Sqm		16	
600-19	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 Engineer-In-Charge	Sqm		9	
700	OPEN AIR THEATER				
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 Engineer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cu.m		180	
700-2	Earth filling with excavated earth with all labour charges sectioning, ramming, watering etc., complete	Cum		124.00	
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. 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 Engineer-In-Charge. (APSS No. 402)	Cum		38.981	
700-4	Reinforced Cement Concrete M 25 Nominal Mix (Cement, Fine Aggregate, Coarse aggregate) corresponding to table - 9 of IS - 456 using 20mm size graded machine crushed hard granite Chips (Coarse aggregate) from approved quarry including cost and conveyance of all materials like Cement, Fine Aggregate (Sand), Coarse Aggregate, Water etc., to site and including Seigniorage charges, sales and other taxes, on all materials including all operational, incidental and labour charges such as machine mixing, laying, concrete, curing etc., complete including centering, Shuttering as per GFC drawings issued by the Engineer-In-Charge(Page No.664) BLD CSTN-2-13. S.No.21				
4.a	for footings	Cum		16	
4.b	for pedstals	Cum		2.00	
4.c	plinth beam	Cum		20.00	
4.d	for columns	Cum		8.00	
4.e	for roof beam	Cum		11.00	
4.f	Roof slab (Pitch of 1/3)	Cum		21.00	
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)	Kgs		7800	
700-6	Supply and construction of Brick masonry 230 mm thick for walls in foundations / 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 Engineer-In-Charge.	Cu.m		140	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
700-7	Supply and construction of Reinforced Brick Masonry for partition walls (115 mm thick) in CM (1:4) 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. and placing 2 nos of 6mm M.S plain rods in every third layer with free ends of the reinforcement pegged into mortar joints of main brick walls where applicable including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, scaffolding charges and all labour charges like mixing cement mortar, lift charges, curing, complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 509 & 501) for:-Reinforced Brick Masonry in CM 1:4 (Country) as per GFC drawings issued by the Engineer-In-Charge	Sqm		38.85	
700-8	Plastering 20 mm thick in CM (1:4) with 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 Engineer-In-Charge.	Sqm		380	
700-9	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	Sqm		160	
700-10	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	Sqm		540	
700-11	Providing Altek luppum (NCL) for new plastered walls surfaces with two coats of Altek Luppam (total 2 coats) of approved brand and shade asin co. including through smooth surface to remove all dirt and remaining loose particles, cost and conveyance of all materials, labour scaffolding charges etc complete for finished item of work for all heights.	Sqm		540	
700-12	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 Engineer-In-Charge 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.	Sqm		55	
700-13	Flooring with flamed Tander 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)	Sqm		424.35	
700-14	Providing and fixing Mangalore tile roofing above sloped roofs as directed by the Engineer and as per the GFC drawing given by the Engineer-In-Charge including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work	Sqm		175	
700-15	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 Engineer-In-Charge	Sqm		8	
800	NEW YOGA BUILDING				
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 Engineer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cu.m		79	
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. 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 Engineer-In-Charge. (APSS No. 402)	Cum		26	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
800-3	Reinforced Cement Concrete M 25 Nominal Mix (Cement, Fine Aggregate, Coarse aggregate) corresponding to table - 9 of IS - 456 using 20mm size graded machine crushed hard granite Chips (Coarse aggregate) from approved quarry including cost and conveyance of all materials like Cement, Fine Aggregate (Sand), Coarse Aggregate, Water etc., to site and including Seigniorage charges, sales and other taxes, on all materials including all operational, incidental and labour charges such as machine mixing, laying, concrete, curing etc., complete including centering, Shuttering as per GFC drawings issued by the Engineer-In-Charge				
3.a	for footings	Cum		13	
3.b	for pedstals	Cum		3.00	
3.c	plinth beam	Cum		6.00	
3.d	for columns	Cum		4.00	
3.e	for roof beam	Cum		10.00	
3.f	for roof slab 115mm thick	Cum		18.98	
800-4	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 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)	Kgs		5497.5	
800-5	Supply and construction of Brick masonry 230 mm thick for walls in foundations / 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 Engineer-In-Charge.	Cu.m		39	
800-6	Plastering 20 mm 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 Engineer-In-Charge.	Sqm		304	
800-7	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	Sqm		394	
800-8	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 1 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	Sqm		394	
800-9	Providing Altek luppum (NCL) for new plastered walls surfaces with two coats of Altek Luppam (total 2 coats) of approved brand and shade as in co. including through smooth surface to remove all dirt and remaining loose particles, cost and conveyance of all materials, labour scaffolding charges etc complete for finished item of work for all heights.	Sqm		304	
800-10	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 Engineer-In-Charge 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.	Sqm		90	
800-11	Providing and fixing Mangalore tile roofing above sloped roofs as directed by the Engineer and as per the GFC drawing given by the Engineer-In-Charge including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work	Sqm		119	
800-12	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 Engineer-In-Charge	Sqm		6	
900	FOUNTAIN				

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
900-1	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 Engineer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cu.m		394	
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. 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 Engineer-In-Charge. (APSS No. 402)	Cum		34	
900-3	Reinforced Cement Concrete M 25 Nominal Mix (Cement, Fine Aggregate, Coarse aggregate) corresponding to table - 9 of IS - 456 using 20mm size graded machine crushed hard granite Chips (Coarse aggregate) from approved quarry including cost and conveyance of all materials like Cement, Fine Aggregate (Sand), Coarse Aggregate, Water etc., to site and including Seigniorage charges, sales and other taxes, on all materials including all operational, incidental and labour charges such as machine mixing, laying, concrete, curing etc., complete including centering, Shuttering as per GFC drawings issued by the Engineer-In-Charge				
3.a	for footings	Cum		45	
3.b	for columns	Cum		11.00	
900-4	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 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)	Kgs		5600	
900-5	Supply and construction of Brick masonry 230 mm thick for walls in foundations / 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 Engineer-In-Charge.	Cu.m		5	
900-6	Plastering 20 mm 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 Engineer-In-Charge.	Sqm		291	
900-7	Flooring with 16 to 18 mm thick flamed granite stone slabs colour as 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 over CC bed already laid or RCC roof slab 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, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special)	Sqm		36	
900-8	Supply and fixing of glazed full body glass mosaic tiles of 20 x 20 x 4 mm thick in specified pattern 1st Quality of any colour and design using specified pattern fixing in specified thick epoxy emulsion grout of epoxy resins and filler powder of approved colour grout including all taxes including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work. - Fountain walls	Sqm		291	
900-9	Supplying, installation, comissioning and testing fountain water supply, treatment, pumping system including sprinklers and necessary pumping equipments like mortars,electrical items, supply pipes, fittings, fixtures, control valves, etc of approved make and system including cost of all materials, labour, taxes on materials etc., complete, including Seigniorage charges, complete for finished item of work. - as per GFC drawings issued by the Engineer-In-Charge	System		1.00	
1000	Water Supply and Sanitary Installations				
A	Water Supply				

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
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 Engineer-In-Charge and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cu.m		36	
1000-2	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. 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 Engineer-In-Charge. (APSS No. 402)	Cum		3	
1000-3	Reinforced Cement Concrete M 25 Nominal Mix (Cement, Fine Aggregate, Coarse aggregate) corresponding to table - 9 of IS - 456 using 20mm size graded machine crushed hard granite Chips (Coarse aggregate) from approved quarry including cost and conveyance of all materials like Cement, Fine Aggregate (Sand), Coarse Aggregate, Water etc., to site and including Seigniorage charges, sales and other taxes, on all materials including all operational, incidental and labour charges such as machine mixing, laying, concrete, curing etc., complete including centering, Shuttering as per GFC drawings issued by the Engineer-In-Charge (Page No.664) BLD CSTN-2-13. S.No.21				
3.a	For footings	Cum		5	
3.b	for pedestals	Cum		4.00	
3.c	for plinth beam	Cum		4.00	
3.d	for columns	Cum		3.00	
3.e	for roof beam	Cum		3.00	
3.f	for roof slab 115mm thick	Cum		2.00	
1000-4	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 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)	Kgs		2100	
1000-5	supply and delivery of 63mm dia PVC Filter including cost and conveyance of all material to work spot etc., complete	nos		4.00	
1000-6	supply and delivery of 63mm dia PVC F.T.10kg/cm2 including cost and conveyance of all the material to work spot etc., complete	nos		4.00	
1000-7	supply and delivery of 63mm dia PVC solution 100m. Tin including cost and conveyance of all the material to work spot etc., complete BMW-G-146	nos		4.00	
1000-8	supply and delivery of 50mm dia x 0.60 mts. Long GI Pipe Bit including cost and conveyance of all the material to work spot etc., complete	rmt		3.00	
1000-9	supply and delivery of 50mm x 50mm x 25mm dai GI Tee including cost and conveyance of all the material to work spot etc., complete BMW-F-10	nos		4.00	
1000-10	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size SSR No.BMW-F-35	nos		4.00	
1000-11	supply and delivery of 2"x1 1/2" GI Reducer including cost and conveyance of all material to work spot etc., complete	nos		4.00	
1000-12	Labour charges for Digging of Hand Bore upto 30 Mts including all charges etc., completed	rmt		120.00	
1000-13	Supply and Transportation of 1.02HP Single phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha. ELEC-5.4.37	nos		4.00	
1000-14	Manufacture, Supply, & Delivery of HDPE Pipes conforming to IS 4984 - 1995 including transportation to any where in A.P, excluding excise duty, sale tax and specials etc., complete. (supply upto 90 mm dia in coil & above 90 mm dia straight length in 6 m.)				
a	75mm dia hdpe	Rmt		1300	
1000-15	Manufacture, Supply, & Delivery of HDPE fittings conforming to IS4984 - 1995 including transportation to anywhere in A.P. Excluding excise duty, sale tax and specials etc., complete				
a	75mm dia ends long neck	nos		130.00	
b	75mm dia ms flange	nos		130.00	
c	75mm dia bend	nos		20.00	
d	dummy	nos		50.00	
e	75mm dia Tee	nos		50.00	
f		nos		380.00	
1000-16	Manufacture, Supply and delivery of DI D/F Gate Valves (Soft Seated) Resilient seated soft sealing gate valves (Sluice valves) with body bonnet of ductile cast iron of grade GGG40/ SG 400/12 or equivalent grade as per I.S.3896-part2- 1985 and subsequent revisions, wedge fully rubber lined with EPDM food grade quality and seals of NBR and the valves should be of vacuum tight and 100% leak proof with face to face dimensions as per BS5163-89/IS14846- 2000/DIN 3202 F 4. All the valves should be with Electrostatic powder coating both inside and outside pocket less body passage. Drilled as per IS:1538.				
a	50mm dia	nos		1.00	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
1000-17	Earthwork in excavation for structures as per GFC drawings issued by the Engineer-In-Charge and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material as per Technical Specification 305 MORD / 304 MORTH	cum		644.00	
1000-18	Bailing out water from the pipe line trenches with oil engine driven pumpsets, including hire charges, fuel charges and wages for driven and helper etc., complete	hp.hrs		720.00	
1000-19	Lowering, laying, jointing and testing of the following sizes of HDPE pipes, fittings with water and testing to required pressure. This rate including all labour charges and all incidental charges etc., complete as directed by the departmental officer in charge of the work	rmt		1300	
1000-20	construction of R.C.C sluice valve pit, scour wall pit and air valve pit as per quantity including earthwork, P.P.C (1;4;8) for foundation and 96 kgs of steel for 1cum including binding wire & R.C.C 1;2;4 mix for cover slab using 20mm size HBG metal and fixing of surface boxes which will be supported by the depth, including cost & conveyance of materials and all labour charges.,	nos		1	
a	50mm dia valve chamber				
B	SANITARY INSTALLATIONS				
1000-21	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 Engineer-In-Charge	nos		10	
1000-22	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Ezzo or equivalent complete with standard CI brackets including wooden block: including cost of 50mm dia pvc pipe, 12.7 mm PVC connection with brass union nut C.P coated and concealed stop cock 12.7 mm (1/2") etc complete for 550 x 400 mm - Double C.P. Pillar cock and as per GFC drawings issued by the Engineer-In-Charge	nos		6	
1000-23	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 Engineer-In-Charge	nos		4	
1000-24	Supplying and fixing angle stop cock 12.7 mm dia first quality Indian Make heavy duty Seiko/ Senior/ Nice or equivalent	nos		16	
1000-25	Supply and fixing tested Chromium plated Short Body Bib Cock of fancy type deluxe 400 grams 12.7 mm dia Indian make Seiko/ Senior/ Nice or equivalent approved make chromium plated 400 grams with CP Wall flanges complete for all floors, including cost & conveyance of all materials, labour charges, etc. complete for finished item of work as directed by Engineer-in-charge.	nos		10	
1000-26	S&F 12.7 mm dia NP pillar cock heavy duty 1st quality Indian make Seiko/ Senior/ Nice or equivalent including cost & conveyance of all materials, labour charges, etc. complete for finished item of work as directed by Engineer-in-charge.	nos		6	
1000-27	S&F 12.7 mm dia NP push cock 1st quality including cost & conveyance of all materials, labour charges, etc. complete for finished item of work as directed by Engineer-in-charge.	nos		5	
1000-28	a)S & F 38.1 mm C.P waste coupling Half or Full Thread 1st Quality Indian make Parryware or equivalent including cost & conveyance of all materials, labour charges, etc. complete for finished item of work as directed by Engineer-in-charge.	nos		11	
1000-29	Supply & Fixing of Bibcock cum Health Faucet with 1m long tube and wall hook of Jaquar Continental series, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series including cost & conveyance of all materials, labour charges, etc. complete for finished item of work as directed by Engineer-in-charge.	nos		10	
1000-30	Supplying and fixing, providing and placing under roof at specified levels Polyethelene water storage tank with Double layer conforming to ISI 12701- 1996 approved brand & manufacture with cover and suitable locking arrangement & making necessary holes for inlet & outlets for overflow pipes but with lid & with necessary base support system for tanks including cost & conveyance of all materials, labour charges, etc. complete for finished item of work as directed by Engineer-in-charge.	Lts		1500	
1000-31	Supplying and fixing of SWR PVC pipes (as per ISI standards) 4 Kg/Sq.cm. and fixing all special such as plain bends, off sets, door bends, reducers if any, 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) including cost & conveyance of all materials, labour charges, etc. complete for finished item of work as directed by Engineer-in-charge.				
a	75 mm dia	Rmt		27	
b	110 mm dia	Rmt		27	
1000-32	Supply and Fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" ton 2" Ashirvad Flowguard SDR 11 and SDR 13.5 pipes are made from identical CPVC compounds having the same physical Properties for Hot and Cold Water (IS 15778:2007) including cost & conveyance of all materials, labour charges, etc. complete for finished item of work as directed by Engineer-in-charge.				
a	16 mm dia	Rmt		25.5	

Sl. No	Description of Item	Unit	Rate in Rs	Quantity	Amount in Rs
b	28 mm dia	Rmt		18	
1100	RENOVATION				
1100-1	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 Enginneer-In-Charge (APSS NO.309&310)	Cum		28.4	
1100-2	Supply of precast concrete blocks for paving of M-35 grade and thickness not less than 60 mm for Light traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification set over the 50 mm thick sand bed with hand roller compaction with joint neatly in homogenous or hetrogenious pattern as the color and pattern shall be as per the drawings furnished by the architect, including cost of all materials like cement, sand water and tiles etc., complete for finished item of work	Sqm		56.80	
1100-3	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 Enginneer-In-Charge.	Cum		1.66	
1100-4	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	Sqm		434.56	
1100-5	Plastering 20 mm thick in CM (1:4) with 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 Enginneer-In-Charge.	Sqm		140.94	
1100-6	Providing Altek luppum (NCL) for new plastered walls surfaces with two coats of Altek Luppam (total 2 coats) of approved brand and shade asin co. including through smooth surface to remove all dirt and remaining loose particles, cost and conveyance of all materials, labour scaffolding charges etc complete for finished item of work for all heights.	Sqm		575.50	
1100-7	Painting to new walls with two coats of Plastic emulsion paint 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. complete for finished item of work as per SS 911 for External walls	Sqm		858.7	
1100-8	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 Enginneer-In-Charge 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.	Sqm		160.00	
1100-9	Flooring with 16 to 18 mm thick flamed granite stone slabs colour as 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 over CC bed already laid or RCC roof slab 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, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special)	Sqm		13.50	
1100-10	Supply and fixing Teak Wood framed FLUSH Doors double shutter door with prelamated 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 coneyance of all materials, labour charges etc complete as directed by dept. (APSS no 1001 & 1002) and as per the GFC drawing given by the Enginneer-In-Charge	Sqm		12.60	

