

SMART CITY PROJECT- KAKINADA, ANDHRA PRADESH

Name of the work: "Upgradation of Primary School Infrastructure"

BILL OF QUANTITIES

Sl. No	Description of Item	Unit	Rate in Rs	Total Qty	Amount in Rs
100-Civil work					
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 lift of 2m 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 etc., complete for finished item of work excluding dewatering charges and seignorage charges etc., SS 20 B as per (APSS 301,308) .	Cum		572.11	
100-2	Filling sand under foundation concrete including cost and conveyance of sand from approved source and labour charges for all operations such as sectioning, ramming, watering and compacting etc., complete as directed by the departmental officers in-charge of the work for finished item of work excluding seignorage charges.(As per APSS 309)	Cum		48.38	
100-3	Earth filling with excavated earth from approved source including labour charges for all operations such as filling, sectioning, ramming, watering etc., complete as directed by the departmental officer in-charge of the work for finished item of work but excluding seignorage charges. (As per APSS 301,308)	Cum		565.07	
100-4	Supply, Laying, Filling, levelling and consolidation 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, excluding seignorage charges etc., complete for finished item of work as per GFC drawings issued by the Employer, complete for finished item of work excluding seignorage charges.(As per APSS 301,308)	Cum		790.20	
100-5	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 metal 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 all charges for Centering, machine mixing, laying concrete in position to foundations and under flooring bed of 0.1m layer ramming finishing the top surface to the required level curing and excluding seignorage charges etc., and overheads & contractors profit etc. complete for finished item of work, excluding seignorage charges. (APSS No. 402)	Cum		115.73	
100-6	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 up to 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 with kerb laying machine, jointing with C.M(1:3) including cost and conveyance of all materials & labour charges for all operations including transportation etc., complete for finished item of work, excluding seignorage charges.	Rmt		90.00	
100-7	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using concrete mixture 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site of work and labour charges for all operations such as centering, machine mixing, laying concrete in position, vibrating and curing etc., complete for finished item of work as directed by the departmental officers in - charge of the work but excluding cost of steel and its fabrication charges for finished item of work, excluding seignorage charges . (As per APSS No. 402)				
	For Footings	cum		45.38	
	For Plinth beam	cum		28.38	
	For columns	cum		17.95	
	For Lintels & chajjas	cum		1.85	
	For Roof beams	cum		14.65	
	For Roof slabs	cum		40.53	
100-8	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 etc. complete for finished item of work in all floors (APSS No:1101 & 126)	kgs		14731.32	

Sl. No	Description of Item	Unit	Rate in Rs	Total Qty	Amount in Rs
100-9	Supply and construction of Brick masonry 230 mm thick for walls in foundation, super structure 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 , excluding seignorage charges (As per APSS 501 & 504)	Cum		301.13	
100-10	Supply and construction of Reinforced Brick Masonry for partition walls (115 mm thick) in CM (1:4) prop.(Cement:Sand) using Bricks second class 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 labour charges like mixing cement mortar, lift charges, curing etc., complete but excluding cost of steel and its fabrication and seignorage 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 Employer (As per APSS 501& 509)	Sqm		573.30	
100-11	Plastering with CM (1:4),20 mm thick including cost and conveyance of all materials and all labour charges for all ooperational charges such as mixing mortar, smooth finishing and curing etc. complete for finished item of work as directed by the Engineer-in-charge of the work, excluding seignorage charges.(As per APSS 901,902,903,904&905)	Sqm		2951.47	
100-12	Plastering with CM (1:4), 12 mm thick including cost and conveyance of materials and all labour charges for all ooperational charges such as mixing mortar, smooth finishing and curing etc. complete for finished item of work as directed by the Engineer-in-charge of the work ,excluding seignorage charges.(As per APSS 901,903&904).	Sqm		2215.77	
100-13	Plastering with CM (1:3), 6 mm thick including cost and conveyance of materials and all labour charges for all ooperational charges such as mixing mortar, smooth finishing and curing etc. complete for finished item of work as directed by the Engineer-in-charge of the work, excluding seignorage charges..(As per APSS 901,902,903,904&905)	Sqm		612.28	
100-14	Supplying and fixing Gyp Board Suspended regular single layer false ceiling (GS-MFSC-4.1 as per India Gypsum) using 12.5 mm thick Gyp Board conforming to IS 2095 - 1982 fixing to Gyp steel GI perimeter channels of size 20 mm x 27 mm x 30 mm(web) of 0.55 mm thick along the perimeter of ceiling screw fixed to brick work/ partition at 610 mm c/c and suspending the frame work using Intermediate channels (45 mm x 15mm x 15mm x 0.9 mm) from soffit at 1220 mm c/c with ceiling angle (25 mm x 10 mm x 0.55 mm) fixed with GI Cleat and steel expansion fasteners & connecting clip to the ceiling channels (with knurled web of 51.5 mm x 26 mm x 10.5 mm x 0.55 mm) fixed in direction perpendicular to the intermediate channel at 457 mm c/c and fixing the 12.5 mm tapered edge Gypboard with 25 mm drywall screws at 230 mm c/c & jointing and finishing using joint compound and paper tape to have a flush look including filling the tapered & square edges with jointing compound, two coats of drywall topcoat complete for finished item of work as per India Gypsum Ltd specification.(As per APSS 817)	Sqm		99.00	
100-15	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 (As Per APSS 1201&1216)	Sqm		15192.71	
100-16	Providing wall paintings of wall arts and designer formats with plastic emulsion acrylic paints of best quality and shades of approved colours and designs over base coats of acrylic exterior emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams / liter of Approved brand and shade over priming coat 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 APSS 1201 & 1216)	Sqm		465.00	

Sl. No	Description of Item	Unit	Rate in Rs	Total Qty	Amount in Rs
100-17	Providing water proofing treatment on roof slabs and junction of slabs with cement mortar 1:3, by adding water proofing admixture M/s FOSROC,..etc or any epulient brand approved.... conplast X-421 IC and NITOBOND SBR at a dosage of 200 ml each/ 50Kg of cement, 12 mm thick over a layer of 38mm thick cement concrete 1:2:4 nominal(using 320 kg of cement per m3 of finished concrete) using 6mm (passing through 10mm sieve and retained on 2.36mm sieve) granite metal of approved quality as coarse aggregate and river sand as fine aggregate including mixing, depositing in position, tamping, finishing, curing etc., including supplying, embedding chicken mesh of 18 guage as reinforcement in concrete. All labour and materials including the required surface preparation by removing loose materials and cleaning etc over the roof slabs before laying the cement concrete.(As per APSS 812)	Sqm		481.57	
100-18	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 for finished item of work, excluding seignorage charges . (As per APSS 701,709,707&710)	Sqm		1421.75	
100-19	Supply & fixing of 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. 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 , moulding charges , cost of base coat and overheads & contractors profit complete for finished item of work,and excluding seignorage charges. (S.S.701 & special) (As per APSS 701 & 703)	Sqm		108.70	
100-20	Supplying of hot applied thermoplastic road marking compound, 2.5mm thick including reflectorising glass beads @ 250gms with Reflectorising Glass Beads on Bituminous Surface at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass bead as per IRC:35, the material should be of BERGER Company / BERGER Equivalent and must comply with the following : A) White index for the product should be in the range of 60-70 when measured against standard reference. The applied panel 7/8 number must be submitted for checking up the white index in the department lab. In case the department approves the white index of any vendor, the department engineer may carryout random checking of the applied products at site against the approved panel. In case of any major deviation, beyond acceptance limit, department reserve the right to cancel or reject the total supplied consignment of the said material and will compel the vendor has to replace the full consignment by the desired material as per approved panel at his own cost and additional demurrages may be claimed due to loss of man days (as per the rules of the department). B) Luminance factor of the material should be in the range of 80-85% at 45 degree centigrade as per AASTHOM 249, C) Crack resistance : The applied panel cured for 7 days under ambient condition and then should be tested as per BS3262, Part-I, 1989 and should pass at the range of '0' degree centigrade to '-10' degree centigrade, D) Adhesion : Strong, E) Softening point : 102 degree centigrade, F) Dried film finish : Smooth and uniform, G) Night Vision : High as directed by the Engineer-in-Charge and confirming to IS :164-1961 (1st revision reaffirmed in 1986) and clause confirming to IRC 35-1997.	Sqm		110.00	
100-21	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, tiles and excluding seignorage charges etc., complete for finished item of work.(As per APSS 701 & 707)	Sqm		522.97	
100-22	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, tiles and excluding seignorage charges etc., complete for finished item of work.(As per APSS 701 & 707)	Sqm		253.44	

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100-23	Supply, delivery and fixing precast C.C.Paver concrete blocks for paving of M-35 grade and thickness not less than 60 mm for Nontraffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification complete for finished item of work as per GFC drawings issued by the Employer. (As per APSS 402)	Sqm		179.26	
100-24	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 (As per APSS 1001&1002)	Sqm		200.88	
100-25	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	Sqm		236.88	
100-26	Supply & Fixing of Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long For Flush Doors.	Each		74.00	
100-27	Supply & Fixing of Aluminium Door Handles (IS:208) 125 mm Long for flush doors	Each		148.00	
100-28	Supply & Fixing of Aluminium Aldrop (IS:2681) 300 mm long for flush doors	Each		74.00	
100-29	Supply & Fixing Aluminium Butt hinges (IS:205)- 100 mm Long for flush doors	Each		222.00	
100-30	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 finished item of work.(As per APSS 1101)	kgs		695.16	
100-31	Painting to iron grills 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 APSS 1201,1207&1212)	sqm		777.60	
100-32	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.(As per APSS 1306)	Rmt		353.40	

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100-33	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 .	Sqm.		80.60	
100-34	Supply placing of Fibre make twin dust bins of each dia 500mm and depth of 900mm as per the clients drawing etc., complete.	Each		95.00	
100-35	Providing and placing Sign boards made with S.S.Sheets including cost and conveyance of S.S.Sheets and labour charges for all operations such as cutting the S.S Sheet properly and stickering the matter as specified by the departmental officers etc., complete for finished item of work. For Main Entrance	Each		12.00	
100-36	Providing and placing Sign boards made with S.S.Sheets including cost and conveyance of S.S.Sheets and labour charges for all operations such as cutting dthe S.S Sheet properly and stockering the matter as specified by the departmental officers etc., complete for finished item of work. For Class rooms	Each		104.00	
100-37	Supplying fabrication with medium quality 75mm dia MS circular hollow section for column and etc. including cost and convenience of all materials to site with all taxes and duties and labours charges for cutting, placing, welding and erection etc. complete for finished item of work (As per APSS 1101,1102,1103&1105)	kgs		2072.70	
100-38	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 finished item of work as per GFC drawings issued by the Employer (As per APSS 1101,1104&1105)	kgs		495.00	
100-39	Fixing of M.S anchor bolt of size 16mm dia, 750mm long includingcost ,threading, cutting and bending with bolt. The rate includes labour charges for allignment fixing and finishing of item of work and conveyance of all materials to site and all labour charges for cutting, bending to required shape, welding including cost of welding rods, grinding etc. complete finished item of work as per GFC drawings issued by the Employer	Kgs		184.50	
100-40	Supply. Fabrication of M.S Base plate of 12mm thick shall confirm to physical specifications of IS:2062 or Equivalent having a minimum yield strength of 350 Mpa including cost of cutting, drilling with all labour charges for cutting, bending to required shape, welding including cost of welding rods, grinding etc., complete finished item of work as per GFC drawings issued by the Employer(As per APSS 1107)	kgs		305.21	
100-41	Supply , fabrication and Erection of 0.5mm thick prepainted galvalume profile roof sheeting of approved make and colour, high tensile steel profiled sheet having min yield strength of 550 Mpa conforming codes. The rates includes cost of sheets, cutting, bending, required fittings etc with necessary labour and machinery charges for loading, unloading, erection including accessires such as self taping/drilling screws, adhesive tapes, rain water down spouts etc complete as shown in the drawings and directed by Engineer in Charge. only roof area will be measured for payment. (As per APSS 801,815&816)	Sqm		179.57	
100-42	Supply and installation of 2 x "Jora JK 270" rotating composter or similar approved. Engineer-in-Charge to approve process.All works to match specifications, any changes are to have the written approval of the Engineer-in-Charge.	Each		11.00	
100-43	Removal of existing Door/window frame & Shutter without any damage and stacking at nominated place as directed by the Engineer In Charge	Each		240.00	
100-44	Clearing light Jungle including uprooting the jungle as directed by the Engineer in charge. (As per APSS 202)	Sqm		4660.00	
100-45	Dismantling/Removal & Shifting of existing asbestos roof sheet and replaced with G.I Sheet. Excluding cost of G.I Sheet as directed by the engineer -in-charge.(As per APSS 202)	Sqm		250.00	
100-46	Dismantling of existing brick masonry and throwing away the dismantled Stuff to a 50mts Radius etc... completed as directed by the Engineer- In-charge.(As per APSS 201 & 202)	Cum		1389.46	

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100-47	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.(As per APSS 201 & 202)	Cum		137.57	
200-LANDSCAPE					
200-1	Digging of 60x60x60 cm pit, filling with soil mixture of red soil and farmyard manure at 4:1 ratio including internal transport, application of fertilizers and chemicals (@ 20 gms/pit/sqmt), internal transportation of plants and planting the plants (excluding cost of plant material, fertilizers and chemicals (@ 20 gms/pit/sqmt))	Each		401.00	
200-2	Supply, Delivery and planting following Trees/Palms including cost of transportation and the Contractor has to plant and maintain the plant for 3months and handover to KMC/KSCCL in survival condition etc., completed as per GFC drawings issued & directed by the engineer-in-charge.				
	ixora singaporensis (13x13)	Each		49.00	
	Millingtonia hortensis(21x21)	Each		102.00	
	Lagerstroemia Indica (21x21)	Each		134.00	
	Song of india	Each		95.00	
	chlorophytum plant	Each		10.00	
	Bougainvillea plant	Each		31.00	
300- Sanitary & Water Supply					
300-1	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	Nos		53.00	
300-2	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	Nos		31.00	
300-3	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. 300grm	Each		84.00	
300-4	Supply and fixing of CP Jallies of approval make on wall including cost& convince charges all materials act completed for finished of item	Each		74.00	
300-5	Supplying and fixing of 110mm 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)	Rmt		260.00	
300-6	Supplying and fixing 28 mm 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.	no's		108.00	
300-7	Supplying & fixing Ashirvad/Astral flow guard for equivalent 16mm 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 exc'vation 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. (16 mm dia)	Rmt		415.00	
300-8	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. (28 mm dia)	Rmt		340.00	
300-9	Supply of polythylin storage tank double layer conforming to IS:12701-1996 with lid	Its		8000.00	
400-Electrification					
400-1	Supply and fixing of 25 mm dia 1.5 mm thick PVC pipe (ISI Mark) concealed in wall with all required accessories including masonry work and labour charges etc..complete.	Rmt		1060.00	
400-2	Wiring with 2 runs of 14/03 mm(1.0 sq.mm) fire retardent (F.R) PVC insulated flexible copper cable (ISI Mark) is existing pipe with 6 modular switch ceiling rose and 6 modular covering t switch control box including all labour charges etc..	Each		325.00	

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400-3	Supply and run of 1 of 14 /0.3mm (1.0 Sq.mm) FR P.V.C. insulated flexible copper cable in existing pipe for earth continuity including Cost and Conveyance of all the materials and all labour charges etc., complete.	Rmt		1100.00	
400-4	Supply and run of 2 of 36x0.3 MM(2.5 Sq.mm) FR PVC insulated flexible copper cable in Existing pipe for mains including all labour charges etc..complete	Rmt		640.00	
400-5	Supply and fixing of 16A 3pin / 6A 3pin plug socket with indicator lamp and 16Amps fuse unit and 16 Amps switch control (5 in one) on decolam sheet covered board including earth connection Cost and conveyance of all the materials and all labour charges etc., complete on wall.	Each		150.00	
400-6	Supply of 1x40 W patti type tubelights luminaire with copper choke starter and tubelight etc..complete Fixing of 40W tube light luminaire on wall / Ceiling with / TW round blocks with all accessories including giving connections and Cost and conveyance of all the materials and all labour charges etc., complete.	Each		300.00	
400-7	Supply and run of 2 of 56/0.3 MM(4 Sq.mm) FR PVC insulated flexible copper cable in Existing pipe for mains including all labour charges etc..complete	Rmt		630.00	
400-8	Supply and fixing of 20AMPS Metal clab AC DB with 20 Amps MCB& Metal clad top	Each		14.00	
				Total Amount	

Total Amount in words: