

**SCHEDULE OF QUANTITIES
FOR**

**CIVIL, STRUCTURAL WORK FOR PROPOSED SHREE KRISHNA CHARAN PADUKA MANDIR, ENTRANCE GATE OF GEETA MANDIR,
FOOT PATH PERGOLA, TOILET BLOCK, WHEEL CHAIR COUNTER, LOCKER ROOM, PAVEMENTS, RCC ROAD AND HARD PARK,
COMPOUND WALL AT PRABHAS PATAN SOMNATH TA. VERAVAL DIST. GIR SOMNATH**

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
1.00		EARTH WORK			
1.01	4,549.00	Excavation in all kinds of soil, including murum , for foundations of wall, columns, plinth beams, basement, raft ducts, trenches, underground sumps, septic tanks etc. including shoring strutting, bailing out water/pumping off water if required, refilling the trenches, foundation pits, ramming, watering consolidating in 15 cms to 30 cms layers, removing and stacking simultaneously the excavated stuff as directed within the site area up to a lead of 500 m and/or spreading soils in layers for site development and consolidating as directed etc. complete. From existing ground level up to 1.5M depth.		CUM	
1.01(a)	25.00	"-do- as item No.1.01 but for excavation in hard rocks up to 1.50 M using pneumatic drill, removing debris,etc. all complete.		CUM	
1.02	238.00	do- same as item no.1.01 but 1.50 mtr to 3.00 mtr depth.		CUM	
1.03	26.00	do- same as item no.1.01 but 3.00 mtr to 4.50 mtr depth.		CUM	
1.04	18.00	do- same as item no.1.01 but excavation in soft/loose rock 4.50 mtr to 6.00mtr depth.		CUM	
1.05	389.00	Filling in plinth with selected excavated earth available within site , in layers of 15 cms to 30 cms including watering, ramming and compacting using mechanical vibro-roller etc., complete as directed including cost of transportation up to a lead of 500 M.		CUM	
1.06	750.00	Filling excavated earth in ground other than plinth, for land development etc. to required level, spreading beyond 300 m in layers of 30 cms. to 60 cms., watering, ramming, consolidating etc., complete, including cost of transportation, as directed.		CUM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
1.07	22,637.00	Providing and filling in plinth in ground, for road works etc. with selected earth brought from outside site/campus, including freight, transportation, loading, unloading, filling, consolidating taxes, royalty, octroi, screening etc. complete as directed		CUM	
1.08	168.00	Providing and filling approved local sand in trenches, plinth and surrounding areas including watering and consolidating transporting, loading, unloading, spreading etc. complete as directed.		CUM	
1.10	850.00	Providing and laying pre-construction Antitermite treatment as per IS-6313 (Part-II) 1971 from standard and specified agency approved by Engineer-in-charge with ten years guarantee in foundation under floors and periphery as per the special Agency's specification etc. complete as directed		SQM	
1.12	57.00	Providing & filling dry brick bats of size 40 - 65 mm (average) at all levels, including ramming etc., complete as directed.		CUM	
1.13	14,750.00	Labour charges for site cleaning of plot.		SQM	
1.14	602.00	Providing & Laying in a compact manner 20 cms thick (Average) rubble soling in plinth using average 100 to 150 mm size stones, including filling in the voids with largest possible stones, covering & leveling the surface with layers of coarse sand well watered and consolidated etc. all complete as directed		CUM	
1.15	10.00	Carting away the surplus earth and/or debris outside of site, including loading at site, transportation, unloading, spreading etc. complete as directed [80% of fill measurement of earth/debris in truck shall be paid for]		CUM	
TOTAL OF EARTH WORK				RS.	<hr/> <hr/>

Note :

2) Since the item specification of item 1.13 TO 1.15 is self explanatory, no detailed specifications are given in Vol.-1

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
2.00		CONCRETE WORK			
2.01	3.00	Providing and laying machine mixed brickbat cement concrete in volumetric proportion 1:4:8 (1 cement : 4 coarse sand : 8 brickbats aggregates 37 mm and down) for specified thickness, for foundations below walls, column footings, sunk floor terraces at any height above plinth level raft at any depth below floors, pavements roads, plinth protection, etc. including centering and shuttering if required, laying spreading, ramming, consolidating as per requirement and curing etc. complete as directed.		CUM	
2.02	3,123.00	-do- as per item no. 2.01 but with 1 part cement: 4 parts coarse sand : 8 parts of black trap stone aggregate of size 37 mm and down.		CUM	
2.03	30.00	-do- as per item no. 2.01 but with 1:3:6 (1 part cement : 3 parts of coarse sand: 6 parts black trap stone aggregates of size 37 mm and down).		CUM	
2.04	7.00	Providing and laying in position machine mixed and machine vibrated plain cement concrete M 20 (1:1.5:3) for all types of reinforced cement concrete structural elements, viz. Foundations, floor slab on ground, raft, plinth beams, columns, beams, slabs, flat slabs, mullion,sunk slabs, copings, lintel lofts, chajja with drip ,mould, retaining walls, parapet boxes, folded plates weather shed, gutters, fins stair cases sloping slabs etc., curved / circular surfaces as specified and as per structural design & as directed using 20mm down graded machine crushed black trap stone aggregate including design of concrete mixes, weigh batched propotioning including necessary centering and shuttering at any lift and lead as specified finishing concrete surfaces, curing etc. complete but exclusive of reinforcement.With cement concrete conforming to M 20 grade concrete at any depth below ground level but up to plinth level.		CUM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
2.05	456.00	Providing and erecting False staging for form work for each additional height of 5.0 Mtr or part thereof for RCC slab, beams, etc. if the form work height is more than 5.0 mtr for which the steel tubular staging shall be used in the relevant item of centring and shuttering complete as directed. (This will be paid if there is no slab / platform in between and intermediate level & staging is necessary and designed / carried out actually at site with a prior approval of the Engineer). This shall be measured and paid for in sq.m. The plan area of the structure shall be measured for all members except RCC columns & Walls. For RCC columns & Walls the elevational area shall be measured for payment under this item at any floor.		SQM	
2.07		Do as per item No.2.04 but for M30 grade concrete at any depth below ground level but up to plinth level.			
[a]	654.00	Do as above for M30 concrete in col foundation ,rafts,underground water tank slab & slab on ground etc.		CUM	
[b]	772.00	Do as above for M30 concrete in pedestals, columns of any shape (squares / circular / rectangular) coping, tie beams, plinth beams, RCC retaining wall,under ground water tank wall etc. Complete.		CUM	
[c]	96.00	Do as above for M30 concrete in plinth level slab.		CUM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
[d]		<p>Installing of bored RCC cast in situ compacted vertical casing pile as per IS 2911 (Part 1, Section 2) with diameter and length as specified below (length to be measured from pile cut- off level to the bottom of pile) using cement concrete M 30 grade conforming to IS 456 with 20 mm nominal size stone aggregates with minimum cement content of 400 Kg per Cum of concrete using OPC grade cement and using free flow concrete and concreting up to 450 mm height above cut off level,including materials, labour, boring/drilling by hydraulic rig machine or by cutter in all types of strata from existing ground level to termination depth of pile; with anchoring pile in the rock strata 3 times of dia of pile at the available depth of strata of rock including providing Bentonite slurry and casing for stabilization of pile bore, in pressure of ground water from any depth, flushing of pile bore, cleaning, providing plasticizer wherever required; including providing and lowering the reinforcement cage of sufficient length as per drawing and detail.</p> <p>(Rate should be including providing of M30 grade concrete, and bantonite slurry; excluding reinforcement steel and casing pipe) including dismantalling pile head to cut off level including excavation if required in soil up to cut - off level and exposing the pile reinforcement for embedment in pile cap etc all complete as per specification, drawings and as directed</p>			
[d1]	465.00	- Do - same as It No. 2.07d but for Pile with 700mm Dia		RMT	
[d2]	1,617.00	- Do - same as It No. 2.07d but for Pile with 450mm Dia		RMT	
[d3]	225.00	- Do - same as It No. 2.07d but for Pile with 350mm Dia		RMT	
[e]		<p>Providing & laying temporary steel liner for construction of bored cast-in-situ pile up to soft clay layer below ground lvl as per specification including cost of all material,labour, supervision, plant, equipment etc, as directed by engineer in charge. ry quality. The item shall exclude the cost of reinforcement, inclusive of concrete.</p>			
[e1]	465.00	...Do same as It No. 2.07e but for 700 mm dia . Pile and 7.0 mt. or more depth - 65NOS		RMT	
[e2]	1,617.00	...Do same as It No. 2.07e but for 450 mm dia . Pile and 10.0 mt. or more depth - 160 nos		RMT	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
[e3]	225.00	...Do same as It No. 2.07e but for 350 mm dia. Pile and 6.0 mt. or more depth- 40 Nos		RMT	
[f]		Vertical load testing of bored piles in accordance with IS -2911 (PART IV) 1985 including installation of loading platform and preparation of pile head OR construction of test cap and dismantling of test cap after test etc. complete as per specification. All material to be used for construction shall be strictly as per specifications, All material, labour, tools and tackles required for construction of test pile shall be provided by contractor at his own cost & shall be included in his rates .The work shall be carried out as per the direction of consultant . The load tests shall include vertical test, up lift test, lateral test & Integrity test. Test shall be carried out with Anchore pile. Including Preparation and submission of Pile Testing report including discussions and recommendations in five copies			
[f1]	2.00	...Do as above Item but for 700 mm Dia single Pile and 6.5 mt. depth and for design load 200 Tonne		EACH	
[g]	50.00	Carrying out pile integrity test on routine pile of 750mm/600mm/450mm/350mm diameter including all arrangements for test, equipments, materials, labour, submission of 3 hard copy of test report etc...complete as per specification and as directed by the engineer-in-charge.		Nos.	
2.08		Do as per item No.2.04 but for M30 concrete above plinth / in super structure as height specified follows.			
[a]	23.00	- Do - as per It No. 2.04 but for M30 grade concrete in lintels, ties etc. Of any thickness at any height and level as directed.		CUM	
[b]	212.00	- Do - as per It No. 2.04 but for M30 grade concrete in columns of circular / square/ rectangular shape from plinth level to 5.00 MTR LVL		CUM	
[c]	21.00	- Do - as per It No. 2.04 but for M30 grade concrete in columns of circular / square/ rectangular shape from 5.00 MTR to 10.00 MTR LVL		CUM	
[d]	9.00	- Do - as per It No. 2.04 but for M30 grade concrete in columns of circular / square/ rectangular shape from 10.00 MTR to 15.00 MTR LVL		CUM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
[d1]	9.00	- Do - as per It No. 2.04 but for M30 grade concrete in columns of circular / square/ rectangular shape from 15.00 MTR to 20.00 MTR LVL		CUM	
[d2]	2.00	- Do - as per It No. 2.04 but for M30 grade concrete in columns of circular / square/ rectangular shape from 20.00 MTR to 25.00 MTR LVL		CUM	
[e]	224.00	- Do - as per It No. 2.04 but for M30 grade concrete in beams, brackets, bed blocks etc. From plinth LVL to 5.00 MTR LVL		CUM	
[f]	32.00	- Do - as per It No. 2.04 but for M30 grade concrete in beams, brackets, bed blocks etc. From 5.00 MTR LVL to 10.00 MTR LVL		CUM	
[g]	3.00	- Do - as per It No. 2.04 but for M30 grade concrete in beams, brackets, bed blocks etc. From 10.00 MTR LVL to 15.00 MTR LVL		CUM	
[g1]	3.00	- Do - as per It No. 2.04 but for M30 grade concrete in beams, brackets, bed blocks etc. From 15.00 MTR LVL to 20.00 MTR LVL		CUM	
[h]	336.00	- Do - as per It No. 2.04 but for M30 grade concrete in chajja at lintel level with drip mould, patta, fins, pardies, Rcc wall, cantilever platform etc. of any thickness at any height and level as directed.		CUM	
[i]	159.00	- Do - as per It No. 2.04 but for M30 grade concrete in slab, cantilever slab, porches, galleries loft slab etc. From Plinth LVL to 5.00 MTR LVL.		CUM	
[j]	26.00	- Do - as per It No. 2.04 but for M30 grade concrete in slab, cantilever slab, porches, galleries loft slab etc. From 5.00 MTR LVL to 10.00 MTR LVL.		CUM	
[k1]	155.00	- Do - as per It No. 2.04 but for M30 grade concrete in spherical/curved dome slab for Ghummat, Dome including shuttering and centering from plinth to 5.00 mtr LVL		CUM	
[k2]	34.00	- Do - as per It No. 2.04 but for M30 grade concrete in spherical/curved dome slab for Ghummat, Dome including shuttering and centering from 5.00 to 10.00 mtr LVL		CUM	
[k3]	21.00	- Do - as per It No. 2.04 but for M30 grade concrete in spherical/curved dome slab for Ghummat, Dome including shuttering and centering from 10.00 to 15.00 mtr LVL		CUM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
2.10	115.00	Supplying & mixing with cement for cement concrete or cement plaster water proofing compound such as Impermo, Acco proof, CICO (Grade-I) Fosroc or any equivalent approved quality according to proposed mix as per the requirements and manufacturers specifications.		LTR	
2.11	436.00	Providing, fabricating & fixing in place and position Corrosion Resistant steel reinforcement for RCC structures as per design including transporting steel from site stores (within site premises) to the work site, unloading cutting, bending and binding with 16 to 18 gauge annealed soft G.I. wires (to be supplied by the contractor at his own cost) welding if necessary etc complete as directed .Payment will be made on the length basis and standard co efficient to convert in to weight as per ISS. (Rolling margins and wastages will not be For CRS TMT steel bars The basic rate for supply of CRS TMT steel bar shall be Rs.45,000/- per M.T.inclusive of taxes and FOR site)		MT	
2.11 a	436.00	Providing & appling Anticorrosive treatment with polymar base materialsto the steel reinforcement including discaling the rust applying rust preventive coating of approved make etc as directed.		MT	
2.12	32.00	Providing and fixing in expansion joints, Capcell HD 100,of specified thick Supreme or equivalent (Polyethylene foam filler) of the best quality, including cutting to required size and shape, at all levels as per suppliers specifications, etc. complete, as directed. For 25mm thick		SQM	
2.13	323.00	Providing ,Laying & filling the expansion joints of specified size with polysulphide sealant as per supplier's specifications including cleaning, scraping the joints, filling with necessary back up PU rod of supreme or equivalent, repairing the broken edges with polymer mortar(PLASTER) /epoxy mortar(RCC)& abro tap to line level complete as directed.(a)20 x 25 mm with polysulphide sealant		RMT	
TOTAL OF CONCRETE WORK				RS.	<hr/>

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
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NOTES :

1) The rate shall be including providing of all materials and labour, mixing, placing, forming pockets for foundation bolts, placing insert plates as shown in drawing at correct location etc including necessary centering shuttering, false staging, curing etc. complete. (excluding Reinforcement, insert plates, holding down bolts / foundation bolts etc.)

2) In all RCC structures use machine cut black trap aggregate of size 20 mm and down grade unless & until specified have to be used and rates are deemed to the same.

Since the item specification of item 2.05 ,2.11A ,2.12 &2.13 are self explanatory, no detailed specifications are provided in volume -1.

3) BASIC RATE

Cement O.P.C. 53 Grade Rs. 250/- per bag of 50 kg each.

Above Basic Rates are inclusive of all taxes and F.O.R. at site.

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
3.00		MASONRY WORK			
3.01	895.00	Providing and constructing brick masonry in CM 1:6 (1 cement & 6 coarse sand) with approved first class bricks having minimum crushing strength of 40-50 kg/sq.cm including scaffolding, racking out the joints, curing etc. Complete as directed by Engineer - in charge. For foundation at all levels below and upto plinth level.		CUM	
3.02		-do- as per item no. 3.01 but in superstructure above plinth level.			
[a]	711.00	- do - as above from PL. LVL to 5.00 MTR LVL		CUM	
3.03		Providing and constructing 115/100 mm thick brick masonry in partition walls with approved good quality bricks having a crushing strength of 40-50 kg/sq.cm for super structure in CM 1:4 (1 cement : 4 coarse sand) including scaffolding, racking out joints, curing etc. complete as directed at all heights as follows			
[a]	187.00	- do - same as It. No. 3.03 above from PL. LVL to G.F.Slab LVL		CUM	
[b]	16.00	- do - same as It. No. 3.03 above from G.F.Slab LVL to F.F Slab LVL		CUM	
3.09	10.00	Providing and constructing honey comb BK masonry work of specified thickness as per details with the specification same as item no. 3.01 including making honey combing etc. Complete as specified by engineer-in-charge. No deduction shall be made for honey combings. Also nothing extra shall be paid for making honey combing		CUM	
		TOTAL OF MASONRY WORK		RS.	<hr/> <hr/>

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
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Note:

(i) The rate shall include for supplying of all materials, labours, tools and plants, forming Openings, projecting pattas & necessary scaffolding, racking out of joints, curing etc. Complete.

(ii) Holes or Zaries in the masonry work for rain water pipes and other pipes shall be kept or the pipe shall be provided at the time of raising of masonry. Nothing extra shall be paid for. These holes or Zaries should be made good after fixing of pipes and nothing extra shall be paid for the same.

(iii) The masonry work for septic tank, soak well, trenches etc shall be measured under relevant item of this tread and the ground level shall be the reference level for measurement of masonry in super structure.

(iv) supply & use by contractor, approved quality Bricks of Sarkhej Bavla Dist. Ahmedabad.

4.00

WOOD WORK

4.18

43.00

Providing and fixing **fiber-glass reinforced composite 35mm thick single or double leaf shutter** as per the manufacturer specifications. like **ELEGANCE DOORS or equivalent makes confirming to IS4020, IS 6746BS 476 Part :7.** The door shall be finished with on front and back with approved colour and pattern like wood grain raised panel in polish design finish etc. The shutter fixing with **FRP door frame of size 125 x 65 mm** embedded with six hold fast in wall /partition. The shutter shall have 3 Nos. 125 mm powder coated hinges for each leaf ;SS fixtures such as hinges, tower bolts, handles, aldrops, door stoppers, screws, mortice lock, /night latch etc. etc, approved makes complete as directed. (Measurement will be paid out to out frame with shutter)

SQM

TOTAL OF WOOD WORK

RS. _____

Since the item specification of item 4.18 is self explanatory, no detailed specifications are provided in volume -1.

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
5.00		FINISHING WORK			
5.01	3,986.00	Providing and applying 12 mm thick finish cement plaster at all heights and below plinth in 1:4 cement mortar to the walls, beams, ceiling, stair , column, pardis, bends, moulds, pattas,projecting pattas, grooves including scaffolding, curing & finishing smooth. The plaster surface shall be rubbed with "Iron plate" , till the surface shows cement paste in line and level complete as directed		SQM	
5.01a	600.00	Providing and applying 15 mm thick rough cement plaster at all heights and below plinth in 1:4 cement mortar including scaffolding, curing etc.complete.		SQM	
5.01b	595.00	Providing and making carving work in cement plaster as per requiered thickness. Complete as directed at any level and any height.		SQM	
5.02	1,073.00	-do- as per Item No. 5.01 but of 20 mm thick double coat mala finish with first coat of 1:4 plaster 12 mm thick followed by 8 mm thick 1:2 (1 part cement : 2 part of coarse sand) etc. to all rcc,masonry surface including scaffolding,curing etc. in line and level complete		SQM	
5.04	7,319.00	Providing and applying 19 mm thick sand faced cement plaster in two coats at all heights with first coat of 12 mm with cement mortar 1:4 (1 part cement : 4 parts of sand) and second coat of 7 mm with cement mortar 1:3 , rough finish with using " Tipani ",/ ' Gutka' on all types of concrete / brick surfaces making grooves,plastre pattas,projecting pattas as per detail, including scaffolding, curing etc. complete as directed		SQM	
5.04a	853.00	Same as It No 5.04 but plaster in pattern of patta patti. Complete as directed at any level any height.		SQM	
5.05	161.00	Providing and applying 25 mm thick water proof cement plaster in CM 1:3 (1part of cement:3 part of sand) at al levels using water proofing compound of approved quality as per manufacturer's specification. Rate includes necessary scaffolding, curing etc. complete as directed.		SQM	
5.07	2,029.00	Providing and applying white washing with lime on new work, at all ht. With three or more coats to give an even shade to walls, ceiling, AC sheets etc., including adding of glue of pidilite Co., or of equivalent, Indigo (blue) make (last two coats shall be applied with brush only)		SQM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
5.08	114.00	Providing and fixing 24 gauge chicken wire mesh at the junction of masonry work and RCC work or on any other place as directed including fixing with nails, raw/plugs etc. complete, at all heights, before applying plaster.		SQM	
5.10	2,925.00	Providing and applying (with rollers only) Plastic emulsion paint of required shed and approved make on new/old work in two or more coats to give an even shed including the preparation of surface for painting, applying primer and putty, at all heights complete as per manufacturer's specification and as directed.		SQM	
5.11	9,245.00	Providing, applying & Finishing wall with Exterior Textured Paint APEX ULIMA Weather Proof emulsion paint of approved shade over prepared surface which includes rubbing scraping with emery stone, applying one coats of primer over which 2 coats of paint to be applied to get desired finish. shade approved by E.I.C. including cleaning etc. & as per E.I.C. direction at all height as directed.		SQM	
5.11a	1,305.00	Providing and applying 100% acrylic, heat insulating and decorative external coating "SUNEXT-8" of M/s. Sunanda Speciality Coatings Pvt. Ltd. or equivalent or equivalent of approved shade. Mix 1 litre of "SUNEXT-8" with 1 L of water and use as priming coat on the surface. Mix 1 L of Sunext-8 with 400-500 ml of water, stir well and apply by brush for subsequent two coats. The process includes erection of scaffolding at all levels, applying two coats at an interval of 4-6 hours between each coat. Cure as normal etc. all complete as per the satisfaction of the EIC.		SQM	

TOTAL OF FINISHING WORK

RS. _____

Note :

(a) Groove with cement finish up to 12 mm x 6 mm shall be formed in plaster at the junction of slab and beam and slab and brick without any extra charge.

(b) Similar grooves shall be made in plaster at the junction of masonry and wood or steel door or steel window frames or at bottom of beams as drip moulds without extra charges.

(c) Sand used shall be 50% fine and 50% coarse for plaster unless otherwise specified.

(d) Since the item specification of item 5.11, & 5.11a is self explanatory, no detailed specifications are provided in volume -1.

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
6.00		FLOORING WORK			
6.05	229.00	Providing and laying polished green kotah stone flooring using one side pre polished chisel dressed green kotah stone in uniform shade of size 17"x17" / 17"x23" / 23"x23" (thickness of the stone 25 mm to 30 mm) over 30 mm thick cement mortar 1:4 (1 part cement :4 part coarse sand) including spreading neat cement slurry @ 4.4 Kg / sq m with flush pointing of the joints with cement paste mixed with matching green colour, curing, machine / hand polishing ,cleaning with oxalic acid, wax polishing moping the finished surface of flooring with water and kerosene for 10 days etc. complete as directed.		SQM	
6.06	6.00	Providing and laying pre-polished machine cut green Kota stone of uniform shade in required size as per drawing,18 to 20 mm thick in skirting / dado flush with plaster with a groove or projecting as per detail / approved pattern over a bedding of 12 mm thick cement mortar 1:4 (1 part cement :4 part coarse sand) including spreading neat cement slurry with flush pointing of the joints with cement paste mixed with matching green colour, curing, machine / hand polishing, wax polishing moping the finished surface with water and kerosene for 10 days etc. complete as directed. The joints of skirting / dado to be matched with flooring without any extra cost.		SQM	
6.07	27.00	Providing and laying pre-polished machine cut single piece green Kota stone of uniform shade in required size as per drawing 20 to 25 mm thick for treads, risers, sides of staircase,platforms, window cills over 20 mm thick cement mortar bed of CM 1:4 (1 part cement :4 part of coarse sand) with thick cement slurry including making 3 to 5 mm V shaped grooves if required, curing machine / hand, curing, grinding, polishing, wax polishing etc complete as directed. Laying procedure and post polishing cleaning is same as in item no.6.05.		SQM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
6.11	R.O	Providing and laying 40 mm thick IPS flooring with under layer of 28 mm thick Cement concrete 1:2:4 (1 part cement, 2 part coarse sand and 4 part stone aggregate 12.5 mm and down graded) finished smooth with top layer of 12 mm thick mortar in CM 1:2 (1 part cement : 2 part coarse sand)and cement slurry @ 2.2 Kg / Sq.M including rubbing/ grinding the top surface to match, including rounding off the junction and corners with floors and walls, necessary construction joints, finishing the top surface smooth / chequered or broom, curing etc. complete as directed. at any height & depth.		SQM	
6.12	46.00	- Do- as per item no. 6.11 but for providing and laying 50 mm thick IPS flooring with under layer of 38 mm thickness and top layer of 12 mm thickness complete as directed. at any height & depth.		SQM	
6.13	400.00	Do- as per item no. 6.11 but for providing and laying 75 mm thick IPS flooring with under layer of 38 mm thickness and top layer of 12 mm thickness complete as directed.		SQM	
6.18	315.00	Providing and laying 1st quality Coloured ceramic tiles dedo minimum 7 to 8 mm thick approved first quality (I.e. kajaria ,Johnson & Johnson, Somani or equivalent make) fixed over Dry wall partition using approved make water resistant tile adhesivel like bal endura or equvelent material for tile fixing and joint fiiing. joint between floor to wall & wall to wll joint to be filled with corner reinforcement with fibre tope & waterproof membrane.The rate shall be inclusive of centre point fittings i.e. extra labour, material etc. to be considered so as to get outlet of plumbing / sanitary fittings at the junction of four tiles including cleaning etc. complete as directed.(The basic rate for supply of Ceramic Tiles shall be Rs 600 Rs/Sq.m. inclusive of taxes and FOR site.		SQM	
6.19	40.00	-do as per item no. 6.18 but for Rustic ceramic tiles flooring. (The basic rate for supply of Rustic Ceramic Tiles shall be Rs.650 Rs/Sq.m. inclusive of taxes and FOR site).		SQM	
6.22	71.00	P/F 20 mm thk Granite stone in sill & jambs in door/ window with moulding edges & polishing etc.complete as directed.(The basic rate for supply of granite shall be Rs. 2500/Sq.m. inclusive of taxtes and FOR site.		SQM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
6.22a	108.00	Providing & Laying approved quality & shed of mirror polished machine cut 18 - 20 mm thick granite stone in required length and width as per the details , Three side machine cut round nose & cutting groove in tread, riser etc. complete the laying procedure and post polishing cleaning is same as in item no.6.05. (The basic rate for supply of granite shall be Rs. 2500/Sq.m. inclusive of taxtes and FOR site		SQM	
6.29	400.00	<p>Providing proprietary Acrylic Polymer modified cementations slurry (PMC) water proofing system of TAPECRETE P 151 in proportion as 100 kg OPC cement to 52 Kg TAPECRETE – P – 151 of M/s CICO Technologies Ltd, New Delhi or equivalent approved as per manufacturers specifications to horizontal RCC roof terraces at all levels and part of parapet (up to 300 mm height returns/wattas) including cutting groove and forming drip mould with the joint of parapet wall plaster at height of minimum 300 mm from finished waterproof roof surface and at uniform level all along the parapet/vertical wall.</p> <p>All the system comprises of : a) The RCC terrace surface shall be cleaned to remove all dust, foreign matters, loose materials or any deposits of contamination by scarifying, rubbing/grinding, water blasting using pressurized water jet using high pressure pumps.</p> <p>b) Providing and applying one coat of Acrylic Polymer Modified Cementations (PMC) slurry coating (minimum coverage as 0.5 Kg per SqM) over RCC roof slab and continue up to groove at a height of 300 mm from finished roof slab.</p> <p>c) Providing and laying approved quality fiber glass cloth with minimum 55 GSM (Grams per SqM) over coated surface while the coating is still green and plastic stage.</p> <p>d) Providing and applying one coat of Acrylic Polymer Cementations slurry coating over the fiber glass cloth laid surface having minimum coverage as 0.3 Kg/SqM.</p> <p>e) Providing and applying final coat of PMC brush topping using the proportion as per the detailed specifications at minimum coverage as 0.5 Kg/SqM) Providing 10 years guarantee bond for water tightness performance of the job as above. g) Job includes to work at all heights and levels, all materials, labor, lead, lift, cleaning, curing etc complete as directed.</p>		SQM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
6.30	400.00	P/L china Mosaic work on top in slope of water proofing from white glazed tiles broken equal pieces & colour glazed tiles broken equal pieces,making Patta, vata, etc as per detail with necessary bedding in C.M.(1:4), consolidating with wooden hammers ,filling joints with white cement, cleaning the surface , and acid washing etc.complete as directed at any height. (Note: patta,vata will be paid in Sqm.and no extra payment will be entertain for the		SQM	
6.31	264.00	Providing and fixing vitrified tile flooring of required size & thickness as per drawing, in desired shade of colour, laid in floors, treads sills for doors and windows and landing on 25mm thk cc 1:2:4 with 6mm and down graded aggregate over a 30 mm thick bed of 1 cement :6 coarse sand including spreading neat cement slurry at the rate of 4.4 Kg/Sq.M, filling of joints with neat white cement slurry mixed with pigment to match the shade of tiles, rubbing curing, polishing, protection of finished surface, cleaning the same finally etc. complete as directed. (The basic rate for supply of vitrified tiles shall be Rs.750/Sq.m. inclusive of all taxes and FOR site) , size of vitrified tiles as per approved by Architect.		SQM	
6.32	101.00	Providing and fixing vitrified tiles as per approved samples in skirting, risers not exceeding 75 mm in height on 12 mm thick cement plaster 1:3 (1 cement :3 coarse sane) flush with plaster or projected as specified, including jointing with neat white cement slurry mixed with pigment to match the shade , rubbing finishing of joins between top of skirting and plaster, curing etc. complete as directed. (The basic rate for supply of vitrified tiles shall be Rs. 750/Sq.m. inclusive of taxes and FOR site) .		RMT	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
6.35	9,876.00	Providing, laying and fixing in line, level and slope as per requirement inter locking colored C.C paver block fixing in pattern as per details and design having block thickness 75mm to 80mm with compressive strength 40 N/nM2 and water absorption less than 3% and wear resistance of under 2mm including laying and fixing paver block on good quality river sand layer of approx. 25mm to 40mm thick over prepared base and filling the joints and edges at ends in C.M. (1:2), curing, all tools and tackles etc. complete as directed.(The basic rate for supply of paver block shall be Rs. 800/Sq.m. inclusive of taxes and FOR site).)		SQM	
6.35a	9,500.00	do same as It. No. 6.35 but for basic rate of paver block 1200/- Sq.m inclusive of all taxes and FOR at site.		SQM	

TOTAL OF FLOORING WORK

RS. _____

Note : Providing protecting layer of plaster of paris during the entire execution period of vitrified,granit & ceramic flooring and removal the same etc.complete as Archi. drg.& design .
 Since the Item specification of item no. 6.29 to 6.38 are self explanatory. No details specification are provide in Volume- I.

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
7.00		STEEL WORK			
7.11(a)	952.00	Providing, fabricating and fixing in position, grill railing, steel ladder of MS sections as per architect's details including to smooth surface fixing hold fast of MS sections embedded in concrete 1:2:4 (1 part cement, 2 part coarse sand, 4 part of stone aggregate 12 mm and down), anchor bolts including 2 coats of synthetic enamel paint of make J&N / Shalimar / British / Asian, over a coat of primer etc. complete as directed.		KG	
7.13	1,415.00	Providing, fabricating and fixing in position M.S. gate made out of M.S. rolled/hollow (rounds/rectangular/ square etc.) sections as per architect's details including shearing /cutting, riveting, welding, grinding to smooth surface of all works, pivots, hinges, MS solid shafts, MS fixing holdfasts to be grouted in concrete column / block, providing and fixing nuts bolts fasteners as required, rail track if required, as per architect's details, providing closing / locking arrangements, including painting with two or more coats of first quality synthetic enamel paint of approved quality and make over a coat of primer etc. complete as directed. (Individual member will be measured in RM / SqM and converted to weight by multiplying with co-efficient and shall be paid in Kgs. Nuts, bolts, washers required for fastening the hinges shall be deemed to have been included in the unit rates and nothing extra shall be paid for).		KG	
7.20	8,065.00	Providing, fabricating and fixing approved make 'A' Class GI pipe railing as per the architect's details / as directed using GI pipes of specified diameter, cutting, welding mitring, fitting the joints, providing suitable specials like bends etc of matching diameter, termination of the open ends in required curvature / profile with fixing blank caps to open ends, including with two or more coats of first quality synthetic enamel paint of approved make and quality over a coat of red-oxide primer etc complete as directed. (MS inserts, flats, or any member of MS rolled section used in fabrication and fixing of Railing shall be paid under this Item)		KG	
TOTAL OF STEEL WORK				RS.	<hr/> <hr/>

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
9.00		MISCELLANEOUS WORK			
9.04	160.00	Dismantling brick masonry walls and partitions, plastered or unplastered as per instructions including finishing the broken surface to match with the surrounding, removing the debris as directed within site, cutting if any etc. complete as directed. The dismantling of stone masonry, BBCC, PCC & stone pitching would be measured under this item.		CUM	
9.05	113.00	Dismantling the RCC beams, slabs, lintels, columns, parti walls, platform etc. including finishing the broken surface to match with the surrounding, removing the debris within site, including cutting the reinforcement if any etc. complete as directed.		CUM	
9.18	28.00	Providing and fixing cast iron/PVC rungs of approved quality and make such as be "NICCO" weighing 5.3 KG / No. at 300 c/c as per detail as specified as directed.		NO	
9.20	25.00	Providing and laying cement concrete vatas in proportion 1:2:4 (1: cement :2 course sand :4 10mm or down graded stone aggregate) finish with good surface etc. as directed.		RMT	
9.24	1,575.00	Dismantling of existing flooring such as kotah stone, mozaic tiles IPS etc. including the beading mortar and removing the debris up to a lead of 500 mts within the site etc. complete as directed.		SQM	
9.25	100.00	Dismantling and removing precast railing and screens..		RMT	
9.31	95.00	Dismantling B.B.C.C. or P.C.C. in floors, sub base, payment, foundation concrete etc. at all levels including stacking, the debris and reusable materials at the place outside the department\building or disposal outside the employers premises as directed		CUM	
9.32	126.00	Dismantling of existing Rubble soling and shifting & stacking the debris and useful stones as and where directed.		CUM	
		TOTAL OF MISCELLANEOUS WORKS		RS.	<hr/> <hr/>

Since the item specification of items 9.18 to 9.31 is self explanatory, no detailed specifications are provided in volume - 1.

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
10.00		ROAD WORK			
10.01	2,700.00	Surface dressing including preparation of sub grade of road floor bringing earth work to required grade, slope and chamber including cutting or filling earth up to 300mm thickness, watering, consolidation with 10 MT Power Road Roller etc. complete as per details as directed.		SQM	
10.02	1,900.00	Providing and laying base course in two layers in compacted thickness of 100 mm (each course 100 mm thick consolidated), using black traps machine cut stones of nominal size 65 mm, including filling voids with similar stone of smaller size, spreading the binding material like murrum, watering and consolidation with 10 MT power road roller etc. complete as directed		CUM	
10.07	450.00	P/L work of Yellow murrum of good quality for road works in required grade and camber with transporting from approved source loading, unloading, spreading etc. including watering and consolidating with 10 MT power road roller etc. complete as directed		CUM	
10.08	2,100.00	Providing and laying cast in situ RCC (1:2:4) kerbing including necessary excavation, cutting the road, laying PCC 1:4:8 (1 part cement 4 part coarse sand 8 part black traps stone aggregate 20 mm and down) 100 mm thick, reinforcement, shuttering, plastering, curing and synthetic enamel painting of approved make in two coat over a coat of cement primer as per detail, etc. complete as per the sketch, as directed		RMT	
10.09	945.00	Providing and laying machine mixed cement concrete in volumetric proportion 1:4:8 (1 cement : 4 coarse sand : 8 black trap stone aggregates 37 mm and down) for specified thickness, for pavements / roads, plinth protection, etc. including centering and shuttering if required, laying spreading, ramming, consolidating as per requirement with compactor machine and curing etc. complete as directed.		CUM	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
10.11	1,420.00	Providing and laying Vacuum De-watered cement concrete of grade M-20(1:1.5:3 volumetric proportion) in pavements, roads over prepared sub-base in alternate panels in required thickness for required size in line level, maintaining slope including form work using MS channels of required height , compacting with needle / surface vibrator, levelling with trimix surface vibrator, Vacuum De-watering with trimix vacuum pump, floating and further compaction with trimix skin floater equipped with floating disc, cutting the concrete for contraction/ expansion joints of size 18mm wide x 25mm deep providing stripped / broom finish evenly, providing necessary steel reinforcement,curing etc complete as per the drawing, detail and as directed. (reinforcement,expansion joint filler shall be measured separately in relevant tender items and paid for).		CUM	
10.12	43.00	Providing, fabricating & fixing in place and position steel reinforcement for RCC structures as per design including transporting steel from site stores (within site premises) to the work site, unloading cutting, bending and binding with 16 gauge an healed soft iron wires (to be supplied by the contractor at his own cost) welding if necessary etc complete as directed .Payment will be made on the length basis and standard co efficient to convert in to weight as per ISS. (Rolling margins and wastages will not be paid). The basic rate for supply of CRS TMT steel bar shall be Rs.45,000/- per M.T.inclusive of taxes and FOR site)		MT	
10.12a	43.00	Providing & appling Anticorrosive treatment with polymar base materialsto the steel reinforcemrnt including discaling the rust applying rust preventive coating of approved make etc as directed.		MT	
10.13	1,120.00	Providing and fixing mild steel dowel/tie bars of approved make including greasing etc. in concrete pavements as per details complete and as directed.		KG	
10.22	230.00	Providing & laying UPVC pipe of approved make and pressure 6 kg. /sq.cm. in sheathing for dowel / tie bars in concrete pavements as per details and complete as directed. For 32mm dia		RMT	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
10.21		Providing and laying non-pressure hume pipe of approved NP2 class quality including excavation of trenches, laying the pipes as per layout and drawing, filling the joints with stiff mixture of cement mortar (1:1) and jute, curing, testing the pipe and refilling the trenches etc. complete as directed			
(a)	120.00	-Do- for 300 mm dia pipe.		RMT	
(b)	60.00	-Do- for 230 mm dia pipe.		RMT	
TOTAL OF ROAD WORK				RS.	<hr/> <hr/>

Since the item specification of items 10.07, to 10.11,10.12a ,10.13 & 10.22, 10.21a, 10.21b are self explanatory, no detailed specifications are provided in volume -1.

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
11.00		WATER SUPPLY			
		Providing & Fixing Jaquar Make Mett, Chrome colour fixtures or equivalent make for concealed pipelines including all necessary fitting etc complete as directed by Architect / Site Engineer.			
11.25	25.00	P/F CP brass bib cock- 15 mm dia (Foam flow) (basic Rate-1000)		NO	
11.27	4.00	P/F heavy duty stop cock 15 mm dia(basic Rate-1000)		NO	
11.29	2.00	Providing and fixing C.I. Manhole cover of 40 kg. wt. Including fixing of C.I. Frame.		NO	
11.29a	10.00	-Do as per It. No. 11.29 but for 80 kg. wt. including fixing of C.I Frame.		NO	
11.30	140.00	Providing and fixing " B " class GI rain water spout of 50 mm dia and length 200 to 450 mm including cutting the brick work or RCC and fixing the same, making good the surface after the work is complete, including painting of pipe etc. complete as directed		NO	
11.35		Providing and fixing Zoloto make hadle valve as following dia			
(a)	4.00	15mm dia		NO	
(b)	4.00	25mm dia		NO	
(c)	4.00	32mm dia		NO	
(d)	4.00	50mm dia		NO	
11.41	10,000.00	Providing & Fixing the PVC water tanks like Sintex / Fusion etc. including supply and fixing the inlet, outlet, air vent, over flow, drain pipe sleeves of specified size with necessary newprine gaskets / packing/ washers, GI washers and check nuts etc., all complete as directed		LTR	
11.42		P& L Under ground UPVC water line SH 40,			
(a)	5.00	65mm dia		RMT	
(b)	15.00	50mm dia		RMT	
(c)	5.00	40mm dia		RMT	
(d)	25.00	32mm dia		RMT	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
11.43		P & L Open /Concealed UPVC water line SH 80,			
(a)	5.00	65mm dia		RMT	
(b)	85.00	50mm dia		RMT	
(c)	5.00	40mm dia		RMT	
(d)	28.00	32mm dia		RMT	
(e)	20.00	25mm dia		RMT	
(f)	10.00	20mm dia		RMT	
(g)	50.00	15mm dia		RMT	
11.45		Providing and fixing APVC of BOLL VALVE approved ISI quality or equivalent make like ASTRAL BRAND with chromium plated disc etc. as directed by engineer.			
(a)	4.00	50mm		NO	
(b)	2.00	32mm		NO	
(c)	2.00	25mm		NO	

TOTAL OF WATER SUPPLY

Note :- All plumbing fittings are to be fixed with centre point fittings and nothing extra shall be paid. All PVC pipe & pipe fittings approved brand shall be of Finolex supreme Astral Dutron brand only

Since the item specification of items 11.35 to 11.45 is self explanatory, no detailed specifications are provided in volume -1.

RS.

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
12.00		SANITARY WORK			
12.08	15.00	Providing and constructing 100mm dia. Stone were gulley trap and chamber with CI cover , including excavation, foundation concrete BBCC 1:5:10 230 mm wide masonry, in CM 1:6, plaster and back filling etc. complete as directed.		NO	
12.09	30.00	Providing and fixing HCL Nahani trap of approved make with perforated brass cast CP jali including cutting the floor and fixing trap in CC 1:2:4 making good the floor etc. complete as directed.		NO	
12.11	5.00	Construction of 0.6 M x 0.6 M (inside dimension) and 1.0 M depth Inspection chambers . The rate includes excavation, 150 mm thick BBCC 1:4:8 in foundation 230 mm wide bela masonry walls in CM 1:6, 12 mm thick plastering in inside and outside of chamber in CM 1:4, channels, IPS flooring, making drain channel, CI/MS rungs with paint, steps, CI cover 450 mm dia, weighing 40 kgs. with cover and 150 mm thick RCC 1:2:4 slab with standard reinforcement or M.S. heavy duty removable grill with frame etc. complete.		NO	
12.12	10.00	-do- as item no. 12.11 but for 1.0 M x 1.0 M x 1.50 to 2.00 M deep manhole with 80 kgs CI cover fixed in 150 mm thick RCC 1:2:4 slab etc. complete.		NO	
12.14		Providing & fixing PVC pipe for rain water disposal 6kg/c2 including welding of joints, fixing with MS clamps as per details and as directed. This also includes fixing of shoe bend. The item shall be measured in RM and nothing extra shall be paid for the fittings			
(a)	30.00	100mm dia		RMT	
12.18	3.00	Providing & Fixing 100 mm dia PVC cowl vent complete as directed.		NO	
12.19	2.00	P/F PVC Cowl vent 75 mm dia		NO.	
12.20		Providing & laying & fixing PVC waste water line concealed / open in the structure as per details and requirement with necessary specials such as Y-s, T-s offsets, plugs, bends and filling the joints with approved adhesive including cutting of wall floor and making good after the work is over etc., all complete as directed.			
(a)	20.00	as above for 50 mm dia 10 kg/cm2.		RMT	
(b)	100.00	as above for 75 mm dia 10 kg/cm2.		RMT	
(c)	5.00	as above for 110 mm dia 10 kg/cm2.		RMT	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
12.21	40.00	-do- as item no. 12.20 but for 100 mm dia open / concealed Soil west line 10 kg/cm2.		RMT	
12.22		Providing and laying uPVC Eco drain or Fome Core SN8 pipe of approved quality including all necessary fittings, excavation of trenches in soil/murum up to 1500mm depth, providing & laying 150 mm thick BBCC 1:5:10 (1 part cement, 5 part coarse sand, 10 part brickbat) as bedding, laying and jointing the pipe in line and level as per manufacturer's specification with PCC 1:5:10 (1 part cement, 5 part coarse sand, 10 part stone aggregate) all around of the pipe, refilling of the trenches, testing before concealed the pipe etc. complete as directed. Encasing of the pipe line with PCC 1:5:10 will be not be paid separately.			
(a)	50.00	as above for 110 mm		RMT	
(b)	50.00	as above for 160 mm		RMT	
12.23	1.00	Providing and constructing 600x600x600 deep perforated stone masonry chamber in cement mortar 1:6 with 115mm thk in soak pit at required level including cover made of good quality teak wood such as cp or equivalent of 25mm thickness.		NO	
12.26	10.00	Providing and fixing both side polished, single piece 20mm thick Indian Marble Pardi using Adanga marble or any other approved marble with machine cut edges and cut to required shape etc. complete as directed.		SQM	
12.27	20.00	Providing and fixing First quality Cera or equivalent type European wall hung ' P' Clair cat.no.2033 EWC. with seat cover, out let gasket inlet, gasket,chain bracket of lead with CP brass hinges, rubber buffers with fittings, brackets, P/F Florentine flush cockcat.no.FLR 6081N including cutting and making good the walls and floors etc.all complete as directed.		NO.	
12.28	10.00	Providing and fixing first quality Hindustan or equivalent white glazed vitreous china W.C. Orrisa pan size 580 mm with 100 sand cast CI 'P' or 'S' trap of approved ISI mark in cement concrete 1:2:4. (1 part cement, 2 part coarse sand, 4 part or stone aggregate) and providing and fixing the 25 mm dia. half turn heavy duty ISI mark flush cock including cutting and making good the walls and floors etc., all complete as directed.		NO.	

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
12.29	20.00	Providing and fixing large flat back white glazed first quality lipped urinal of approved make such as Hindustan / Neycer or equivalent including chromium plated angle valve, brass CP spreader and CP pipe, 31 mm dia chromium plated waste coupling with required length of 32mm dia concealed GI pipe up to the drain and bend, fixing clamps complete as directed.		NO.	
12.30a	10.00	Providing and fixing counter basin of size 1200 x 600 mm Cera make Cat. No. 1005 Oval shape (under / over) size 550 x 460 mm Super sp.colour wash basin with sandwich type platform shall be supported by embeded in masonry wall, fixed with granit 20 mm thk one side pre plished at top and one side polished kotah stone at bottem ,granit facia including bevelled edges ,cutting of hole in granit for wash basin,providing & fixing Jaquar make piller cock Cat.no. Opal 15001,Angle cock Cat.no.15083 including aproved quality PVC water connection line , 32mm dia C.P. west coupling of allied seriesCat.no.709 of Jaquar make ,bottle trap of approved make ,C.P. connection pipe etc.. No.diduction shall be made for area of wshbasin etc complete. as directed. granit stone & kotah stone will be measure & paid as per relevant item.		NO.	
12.38	20.00	Providing & Fixing approved quality Toilet paper holder including all necessary fitting etc complet Cat.No. AKB 35753.		NO.	
12.39	6.00	P/F approved quality shop dispenser with metallic bottle Jaguar make code ACN-1135 N (basic rate-1100)		NO.	
12.40	5.00	Providing and fixing looking mirror 5 mm thick of approved make over a backing of 12 mm thick Novaboard firmly fixed with brass oxidized screws , CP cup type screw etc. including the painting the exposed surfaces complete as directed.		SQM	
12.41	4.00	Providing & Fixing Jaquar make Towel ring including all necessary fitting etc complet Cat.No.AQN 7721.		NO.	
TOTAL OF SANITARY				RS.	<hr/> <hr/>

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
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Note :- All sanitary fittings are Jaquar Make Stealth Rangers Mett. Chrome to be fixed with centre point fittings and nothing extra shall be paid. All PVC pipe & pipe fittings approved brand shall be of Finolex ,suprime ,Astral , Dutron brand only

Septic tanks, soak pits, underground sumps, cable trenches of various sizes, chambers having size other than specified above will be measured under relevant items of work.

ITEM. NO	Qty	DESCRIPTION	Rate	UNIT	AMOUNT IN Rs.
13.00		ALLUMINIUM WORK			
13.01	14.00	Providing & fixing approved colour anodized Alluminium door having frame of 101.6 x 44.5 x 2.82 mm thk weight 2.236 kg/Rmt shutter shall be made from style 85.0 x 44.45x 3mm thk weight 2.05 kg/Rmt Top and bottom rail 95.25 x44.45 x 2mm thk weight 1.519 kg/Rmt. Lock rail 150 x 44.45 x 2.65 mm thk weight 2.786 kg/Rmt , Bottom rail 114.30 x 44.45 x3.18 mm thk weight 2.646kg/Rmt 6mm thk float glass as directed. Rate shall include copper door lock of approved make S S handles of approved design, concealed tower bolts, Neoprene Rubber gasket, fixing with all colour as directed alluminium section shall be Jindal make of equivalent section of Hindalco. Alluminium frame shall have in built projection for door stopper with groove for rubber gasket. Detail as per architects drawings.		SQM	
13.02	42.00	Providing and fixing approved colour anodized alluminium sliding glass windows three tracks with fly proof shutter including providing and fixing SS wire mesh of 23 gauge tightly with matching beading as per architect's details, using alluminium sections of following sizes outer frame of 75.0 x 38.0 x 2 mm thick wt. 1.036 kg. Rmt. Top and sides frame 75 x 25.40 x 1.70 mm thick Wt. 0.80 Kg/Rmt bottom frame 75 mm x 25.40 x 1.60 mm thick Wt. 0.846 Kg/Rmt Shutter Top & Bottom 60.00 x 25.00 mm x 1.70 mm thick Wt. 0.781 Kg/Rmt Shutter Interlock 50.00x25.00+10.00 x 1.30 mm thick Wt. 0.683 Kg/Rmt Shutter Side (Handle) 50.00x25.00x1.20mm thick Wt.0.593 Kg/Rmt 5mm thick glass shall be framed in Alluminium section of 43.0 x 25.0 mm with necessary sliding channel and locking arrangement size of the shutter shall be as directed. Alluminium sections shall be of mat finish anodizing of 18 ^{micron} Rate includes all necessary fixing arrangements, Neoprene lining, filling the gaps the between AL. section and wall with sealant as directed.		SQM	
13.03 (b)	21.00	- Do - as per item no 13.02 but for P/F Al.approved colour coated movebale type louvered ventilators with Glass.		SQM	
		TOTAL OF ALLUMINIUM WORK		RS.	<hr/>
		TOTAL FOR CIVIL WORK			