

**AFD: CIVIL: INQ: 20190501**

**May 02, 2019**

To,

**Sub: - Inquiry for** Civil and Ancillary work of addition and alteration for Combibloc machine installation at AmulFed Dairy, Gandhinagar.

We invite your most competitive offer, quoting your lowest rate and shortest execution period for item mentioned as under. Your offer must be sent in sealed reply envelope attached herewith by registered post/courier or by person. **Mention, "Civil and Ancillary work of addition and alteration for Combibloc machine installation at AmulFed Dairy, Gandhinagar."** on top of the offer reply envelope.

**Detailed Technical Specification & Schedule of Quantities as per Enclosed Annexure: - I**

**Last date of receipt of Quotation: 13<sup>th</sup> May 2019.**

➤ **General Terms & Conditions.**

1. Contractor has to quote rates considering work is to be carried out at AmulFed Dairy, Gandhinagar.
2. Your rates should be including of all material cost, labour cost, octroi, loading, unloading at AmulFed Dairy.
3. The Contractor will have to bring his own tools, tackles, ladders, accessories, scaffolding etc.
4. Specify Tax Condition. GST will be applicable or not. If tax condition is not specified your rates shall be considered as inclusive of all taxes.
5. **It is advisable to visit the site before quoting your rates.**
6. If work is to be carried out in emergency basis or during Shutdown period, contractor should Carry out work on emergency basis, night work shall be permitted under such Intervention to Meet production schedule.
7. Payment terms: 30 days after submission of bill based on JMS / JMR.
8. Quantity indicated here is estimated; it may vary on either side however payment shall be Made as per the actual work executed at site based on JMS / JMR.

9. To the extent possible extra item shall be avoided. If however is necessary done as per site Condition & is not envisaged in the current SOR we shall fix the rate base on competitive Offers from the market which shall be binding to the contractor. Contractor should inform Well in advance about the requirement of the extra item to us to get enough time to collect Comparative offers.
10. All the legal/administrative records like muster roll, salary register, labour license, PF, ESI etc. to be maintained & submitted as and when required and contractor is responsible for labour laws and rules/regulations etc.
11. Cleaning of site must be required after day-to-day work.
12. Your workmen should wear the identity card of your company while executing jobs at AFD, Gandhinagar.
13. In case, any of your workmen get injured due to Accident, while working within premises of AFD, or any damage to our equipment or property has taken place due to your workmen, you will repay the damages/losses.
14. We are ISO 9001:2004 QMS (Quality Management System), ISO 14001:2004 (Environmental Management System) ISO 22000:2005 FSS (Food & Safety System) certified unit. We expect you to follow eco-friendly process in your Company such as waste minimization, reduction in air pollution, waster pollution and soil Contamination etc.
15. Chewing pan masala, tobacco & smoking is strictly prohibited in AFD premises and if any person is catch then penalty would be Rs. 5000/- each.
16. You shall be working in running factory and ensure that the day to day operations of the factory are not hampered in any way due to your activities. Any damages occurred by you shall be recovered. Proper barricading of the work area should be done to prevent dust dirt etc. in the environment.
17. Water and Electricity will be provided by AFD free of cost.
18. Safety is the utmost priority inside the premises & Contractor must ensure your team to follows all the safety norms (like use of PPE Personal Protective Equipments, fall protection, secured & safe staging, scaffolding etc.) A safety hand book shall be provided for ready reference if required. If any person not following the safety rules and regulations penalty would be Rs. 1000/- from the Bill.
19. Contractor shall indemnify AFD from any kind of losses due to the activities of the contractor.
20. Contractor shall Appoint one experience Engineer for supervise the work (Minimum 5 yrs) and it's Compulsory.
21. All jobs executed must remain under **one year defect liability period** pertaining to defects due to bad workmanship, use of sub-standard materials, improper methods of application etc and must be attended free of charge during this period.
22. **Security deposit 10% of the total cost of the project**, which will be submitting in the form of bank guarantee at time of acceptance of order and will be released after 12 month after completion date.

AmulFed Dairy shall not accept the offer, received later than the date mentioned above.

Yours faithfully,

For, AmulFed Dairy, Gandhinagar.

<b>Name of the Project: Addition &amp; alteration in Civil and Structural work for Combi Block machine at old APS Plant area</b>					
<b>Item No</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>	<b>Amount</b>
<b>A)</b>	<b>Civil Work</b>				
1	<b>Excavation</b> for foundation upto 1.50 mtr depth, by mechanical or manual including sorting out and stacking of useful materials, dressing of the sides, ramming of bottom, disposing of the excavated stuff and stacking material in near by vicinity for refilling in foundation, Plinth, trenches & Plot area, etc, for all kind of soil, <b>including dewatering with necessary equipments and backfilling</b> in to trenches in layers not exceeding 15 cm with available selected excavated earth, watering, ramming (manual or mechanical as per site condition), consolidating etc complete as directed. Note: Quoted rate shall be inclusive of backfilling the trenches with the available excavated earth. For all civil, plumbing & electrical works.	Cum	25.00		
2	<b>Filling with available excess selected excavated earth (excluding rock and black cotton soil), in plinth &amp; dairy primacies etc</b> , in layers not exceeding 15 cm. in depth, including breaking the clods, watering to optimum moisture content, ramming and compacting by mechanical means of suitable type of vibrator, including freight, transportation, loading, unloading, screening, passes etc. all complete as instruction & directions of the Engineer-in-charge (Consolidated measurements of fill shall be paid for under this item). The rates shall include for all leads and lifts including transporting using mechanical / manual means within the plot area. Note: Using excess available excavated earth from foundations and dressing of the plot area.	Cum	40.00		
3	<b>Filling, in foundation</b> and plinth (under floors), with <b>good quality coarse river sand</b> , obtained from outside, including watering, ramming well, consolidating and dressing etc. complete all as per specifications and direction of Engineer-in-charge.	Cum	16.00		
4	Providing, stacking and laying <b>rubble soling, 23 cm. thick</b> (compacted thickness), in a compact manner to required camber & gradient as per drawing, in subbase for road using 150 to 230 mm. hand broken black hard stones, covering and levelling the surface with a layer of murrum after filling the voids with smaller sized stones or stone chips, including watering, rolling well with power roller of 8 to 10 ton capacity and consolidating each layer, as directed.	Cum	21.00		
5	Providing and supplying Tractor for disposing debris, unwanted materials etc. through tractor trolley including loading/unloading, spreading drivers and all consumables, tools tackels labours etc.	Trip	10.00		
6	Providing and laying <b>Plain Cement Concrete 1:4:8</b> including compaction, finishing top surface to the level curing but excluding cost of formwork etc. complete as per specifications and directions as per Engineer-in-charge. In foundations, plinth, sub base of floors etc. (For all civil, plumbing and electrical works).	Cum	20.00		

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7	Providing and laying machine mixed & machine vibrated reinforced cement concrete mix of M-25 grade for foundations, plinth, Columns beams, slabs, retaining walls, cantilever slabs & tie beams, lintels, chajjas, pardis, railings, rib beams, staircase slabs and landings ( conventional folded & stringer), walls with or without pilasters / butt resses, fins, facias, gutters, waffles, pargola, over head & U. G. water tank, road kerbing etc. at all level below ground and up to 6.00 Mtrs. above ground as per deisgn given by engineer incharge etc.complete as directed.	Cum	109.00		
7.a	Extra and additional rate for it no. 8 for providing and laying in position Ready Mixed M-25 grade concrete for reinforced cement conctere work, concrete mix proportion as per mix design which is approved by consultant including transported to site for work in transit mixer for a lead up to 25 kms having continuous agitated mixer also including pumping of R.M.C. from transit mixer to site of laying, including the cost of centering shuttering, surface finishing as per it no. 2.07 & 2.08. the rate should be including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement content and targeted strength should be maintain as per latest IS456) Bidder should quote rate for at all level and all height.	Cum	88.00		
8	Supplying, fabricating and placing in position <b>reinforcement bars</b> of all diameter confirming to IS-1786 reinforcement for RCC structure / items as per design including transporting steel to the work site, handling wastage, decoiling, cutting, bending, cranking, fabricating to required shape, placing in position, binding with 18 gauge (1.22 mm) MS wires, welding if necessary by using approved welding rods etc. for all levels etc. complete as directed by the engineer-in-charge. The quoted rate should be inclusive the cost of binding wire and the same will not be measured and paid separately. (Rolling margin's and wastage shall not be paid.) Measurement will be made on the length basis and converted into weight by using standard co-efficient) (For all civil, plumbing & electrical works.)				
	<b>TMT bars Fe- 500, yield stress not less than 500 N/mm2</b>	Kg.	10900.00		
9	Providing form work using steel plates / ply woods including centering and shuttering, strutting and propping etc complete for all type of RCC work at all levels below ground and up to 7.00 mtrs. above plinth level as per design & drawing given by architect / enigneer including subsequent removal complete as directed.	Sqm	527.00		
10	Charges for making holes in RCC wall, slabs or any other RCC members by diamond <b>core cutting</b> machine of HILTI or equivalent including disposing the debris. Measurement will be taken for the depth of holes in numbers. For, disposal of the debris as per the disposal item. For all floors / all levels / all heights. with necessary supporting frame structure.				
	A) Diameter of holes upto 100 mm clear	Nos.	5.00		
	B) Diameter of holes from 100 to 150 mm clear	Nos.	5.00		
	C) Diameter of holes from 150 to 300 mm clear	Nos.	2.00		

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11	Providing and laying <b>Bricks masonry works</b> using common burnt clay conventional building bricks confirming to IS 1077-1986 of having crushing strength not less than 50 Kg/cm <sup>2</sup> in <b>foundation and plinth</b> , in CM 1:6 (1 cement :6 find sand), in any shape & all depth, including curing, scaffolding, racking / flush jointing etc. complete, as directed. For all civil, plumbing & electrical works.	Cum	45.00		
12	Providing and laying <b>Brick masonry works</b> using common burnt clay conventional building bricks confirming to IS 1077-1986 of having crushing strength not less than 50 Kg/cm <sup>2</sup> , in <b>Super Structure</b> above plinth, for all floor / all levels / all heights in any shape, in any position, in CM 1:4, including curing, scaffolding, racking of the joints etc. complete, as directed. For all civil, plumbing & electrical works.	Cum	19.00		
13	Providing and fixing partly panelled and partly glazed door shutters with 20 microns SS finish anodising. Aluminium frame of size - 100 x 44.5mm. Styels and rails as per the drg. with 5mm thick wired glass as top panel and 8 mm thick both side prelaminated exterior grade compact sheet as bottom panel. Rate shall be inclusive of weather strip / wool pile, SS heavy duty hinges, SS 304 handle of 25 mm dia. and 300 mm long of KICH or equivalent make, concealed dead lock, baby latch of SS, concealed stoppers of 300 mm size on sides of the vertical member shall be provided. Rate shall be inclusive of all accessories and rough ground of supreme becker rod, neutral grade silicone sealant etc. complete. Samples of all the materials and anodised sections are to be approved from Architect / Engineer in-charge prior to procurement.	Sqm	66.00		
14	Providing and fixing partly panelled and partly glazed fixed partition with 20 microns SS finish anodising aluminium frame as per the drawing / details with 5mm thick wired / plain glass and 8 mm thick both side prelaminated exterior grade compact sheet. rate shall be inclusive of all accessories like glazing clips, neoprine rubbere gaskets and rough ground of supreme becker rod, neutral grade silicone sealant etc. complete. Samples of all the materials and anodised sections are to be approved from Architect / Engineer in-charge prior to procurement.	Sqm	25.00		
15	Providing & fixing <b>hydraulic door closer</b> with screws to pivoted/ hinged door of approved make , color & of required capacity (up 90 kg) with one year guarantee like <b>Dorma or equivalent</b> . Rate shall be inclusive of fixing with using the templete as per supplier's specification & maintaing in good working condition uptill defect liability period.	nos	5.00		
16	Removing & refixing of old Alu.section like partition, door and window including necessary modification, cutting etc. complete as directed.	Sqm	145.00		
17	Providing and laying average <b>12 mm. thick single coat smooth finishing using steel float (mala finish) plaster</b> in CM 1:3 (1 cement : 3 coarse river sand), on ceilings and stair soffits at all floors / all levels / all heights / all shapes with necessary scaffolding, curing, making grooves, forming pattas, closed hacking i properly RCC surface including applying neat cement slurry on RCC Surface etc. complete as directed by the Engineer-in-charge. For all civil, plumbing & electrical works.	Sqm	598.00		

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18	Providing and laying average <b>18-20 mm. thick Sand faced cement plaster</b> on walls upto any height above ground level and for all shapes / jambs sills / soffits, consisting of first coat / base layer of average 12-15 mm. thick in CM 1:4 (1 cement: 4 coarse sand) and average 6 mm. thick uniform grained textured finish coat using wooden Gutka, in CM 1:2 (1 cement: 2 sand), including scaffolding, forming grooves, drip moulds, pattas, closed hacking RCC surface, curing etc. complete as per specifications and direction of engineer-in-charge. for all civil, plumbing & electrical works.	Sqm	60.00		
19	Providing 20 to 25 mm thick water proof cement plaster in double coat on any surface at all heights, finish even and smooth in CM 1 : 4 including providing and mixing water proofing material such as pidilite or equivalent as approved by engineer in cement mortar as proportion recommended by manufacture	Sqmt	128.00		
20	Providing & laying <b>15mm thick Acid/Alkali Resistance heavy duty</b> Industrial tiles of Endura tiles of approved make like HR Johnson / Pavit, in floor, skirting, wall dado as per approved colours and texture as per drawing in minimum 25 mm. thick cement mortar 1:3 bedding on 37 mm wired finish screed of 1:2:4 (Cement, coarse sand and 6 stone aggregates) & laid to proper slope & level. with residue and skirting, including, curing, 2 coats of polishing & cleaning with mild oxalic acid etc. complete for all floors / all levels/ all heights, as shown & specified, for flooring, or channel work etc. as per specifications & direction of EIC. The rate should be inclusive of protection of flooring until the handling of the project by covering the joints with abrotaps, plastic sheet & Plaster of Paris. The sizes and thickness that can be used as per drawings with 4 mm Groov in between. The rate shall include cost of 25mm cement mortar and 37mm wired finish screed (laid in advance prior to laying of the flooring. Rate shall inclusive of Grouting of 4mm X 6mm grooves with matching colour Bal Epoxy grout (6mm top) and balance	Sqm	92.00		
21	Providing and laying first quality <b>white glazed tiles</b> of approved size and make as per design. The tiles shall be fixed, after applying cement slurry (3.3 kg. cement / sqm) ,with 1:1cement mortar in dado on minimum 12 mm thick wired plaster in CM1:4 in line level & as per drawings. Joints shall be filled with white cement including curing, polishing and cleaning with mild oxalic acid etc. complete, as shown and specified, for flooring, dado or channel work at all floors / all levels / all height etc. complete, as directed by EIC. a) Up to 300mm X 300mm.	Sqm	95.00		
22	Providing and fixing avarage 20-25mm thich Redmandana stone in epoxy mortaras under. Applying of two coats of Acid Alkali preventive primer at bottom, fixing on average 37mm thick cement mortar bedding (1:4) with Acid proof powder, keeping the joints 8mm to 10mm wide all around and filling the same with epoxy resin and hardener of approved make like Araldite / Chemiprotec or equivalent including machine polishing etc. complete as directed.	Sqm	20.00		

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23	Providing and fixing in position polish Red mandana stone readymade coving of approved quality, size at floor and wall junction including fixing coving in cement mortar, cement slurry, in proper line & level, joint filling with matching colour pigment/epoxy, curing, polishing etc. complete as directed.	Rmt	166.00		
24	Providing & filling Acid Alkali proof Epoxy joint of redmandana stone by using epoxy resin of approved make Araldite / Chemiprotect or equivalent including removing of decayed joint materials, surface preparation, opening & cleaning of the joints before re-filling the new epoxy mortar etc. complete as directed.	Rmt	150.00		
25	Providing & laying approved quality <b>mirror finished light and/or dark grey, black or brown granite in flooring, otta, skirting, staircase, steps</b> of approved shade, thickness 18 mm., as per design and in required sizes and shapes, including necessary cement mortar bedding in 1:2. (Only finished granite work shall be measured). The rate includes rounding, champhering and mirror polishing of edges.	Sqm	11.00		
26	Applying mirror polish on existing kotah stone, marble, Granite, Redmandana stone, NL stone flooring with three or more coats of polishing with oxalic upto mirror finish surfaces with different grades of Emery (no waxing will be permitted) including cleaning of joints etc. completed as directed.	Sqmt	100.00		
27	Providing and laying <b>interlocking/ Non- interlocking Colored paver blocks</b> of high density 80 mm thick M-50 grade for footpath, parking areas, Road, service lanes and other areas as mentioned in the drawing. Including providing and laying 50 to 80 mm thick average bedding layer of coarse sand below paver block as per required grading and specification. Laid paver block shall be mechanically compacted. The work of the paving blocks shall be executed in line and level by skilled mason of flooring work only. It should be laid in such a way that the no cutting of the paver block to be necessary. Cutting of paver block by machine cut only and laying to be done by skilled flooring mason. The Finished surface of the Paver Block shall have Coarse Sand Texture Finish. Paver blocks shall be compacted and shall be re-laid if necessary.	Sqm	15.00		
28	Providing and laying self finish 6.00 mm thick (Average)suitable grade PU (Polyurethane) flooring system using Ucrete MF having density of 1950 Kg/M3, compressive strength shall be 55 N/mm2, tensile strength 9N/mm2, flextrual strength 21 N/mm2, good adhesion characteristic, abrasion & water absorption free flooring on existing RCC / Kotah / Redmandana floor surface. Including necessary surface preparation maintaining surface profile SA 2.5 with mechanical using grinder to remove loose particle & dirt, proper cleaning, drying by compressed air, applying base primer and then top coat etc. complete as directed.	Sqmt			
			235.00		

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<b>Item No</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>	<b>Amount</b>
28.a	Providing and laying self finish 75mm pu coving suitable grade PU (Polyurethane) flooring system using Ucrete MF having density of 1950 Kg/M3, compressive strength shall be 55 N/mm2, tensile strength 9N/mm2, flextrual strength 21 N/mm2, good adhesion characteristic, abrasion & water absorption free flooring on existing RCC / Kotah / Redmandana floor surface. Including necessary surface preparation maintaining surface profile SA 2.5 with mechanical using grinder to remove loose particle & dirt, proper cleaning, drying by compressed air, applying base primer and then top coat etc. complete as directed.	Sqmt	68.00		
29	Structural steel work in bolted or welded in built up sections, trusses and framed work including supplying, fabricating, cutting, assembling, hoisting and fixing in position at all heights of all shapes and size with all leads and lifts for the work of monkey ladder, spiral staircase, railing, gate, insert plate, cattle trap, rain water spout etc. It should be including necessary plates, rolled joists, channels, angles, tees, flats, square / rectangular / tubular hollow sections, position hip and jack lifters, purlins, etc. confirming to latest IS 4923, IS 1161, IS 806 including cutting and welding the members as per detailed drawing and design. The rates including painting of 2 coat of Epoxy priming and 2 coat of Epoxy paint of approved make over all the surfaces of the steel sections. (Only standard measurements will be paid for as actual cut length used at site). Shop drawings for the connection details shall be prepared for the approval of the EIC.				
	<b>a) Plates, insert plates, flats, angles, tees, channels, beams, RHS and SHS etc.</b>	Kg.	1000.00		
30	Providing and fixing in position <b>chemical anchor fastener</b> of Hilti or equivalent approved make with HY-150 Chemical, including drilling holes in RCC elements at all floors / all levels / all heights / all places as per the drawings and direction of Engineer-in-charge. The rates quoted shall be inclusive of drilling holes, providing chemicals, providing anchors, fixing, tightening, etc complete including cost of scaffolding complete.				
	<b>a) HY Chemical Anchor + HAS-E M10x90/21 (Bolt) - 10mm dia &amp; 125 mm long</b>	Nos	5.00		
	<b>b) HY Chemical Anchor + HAS-E M12x9110/88 (Bolt) - 12mm dia &amp; 213 mm long</b>	Nos	10.00		
	<b>c) HY Chemical Anchor + HAS-E M16x125/108 (Bolt) - 16mm dia &amp; 252 mm long</b>	Nos	20.00		
31	<b>White wash</b> with lime on any surfaces (3 coats with brush) to give an even shade at all heights and all levels., including thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter etc. complete	Sqm	1265.00		



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<b>Item No</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>	<b>Amount</b>
32	Providing & applying <b>External 100% Acrylic Paint "Apex"</b> of desired shade from Asian paint or equivalent in minimum three coats (first coat with external primer & balance two coat with apex or equivalent paint as per supplier's specification) with brush on <b>exterior sand faced plastered surfaces / mala plastered surfaces with a minimum one coat of external cement based putty of birla or equivalent</b> at all heights & all places including scaffolding to give even shades including thoroughly brushing the surfaces free from mortar dropping and other foreign matter and sand papered smooth etc complete as per the manufacture's specification & to the satisfaction of Engineer incharge Newly plastered surfaces requires minimum three coats -first coat with exterior primer with 1 :1 ratio (as per supplier's specifications)& balance coats with with 40% dilution). The rate shall also include the cost of filler for cracks on the surfaces.	Sqm	800.00		
33	<b>Providing &amp; applying three coats (first two coats are with brush and final coat is with roller) of premium semi gloss enamel / pearl luster / Flat / paint</b> of Asian or equivalent paint of desired shade for internal wall surface / internal door windows, including a priming coat with alkali resistant primer/cement (water or solvent based) primer and applying required coats (min two coats) of readymade wall putty of approved make, brand and manufacture, on any surfaces, at all heights, to give an even shade after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth etc., after applying every coat of putty, complete, as directed.				
<b>(a)</b>	<b>Using cement based ready made putty</b>	Sqm	1095.00		
34	Providing & filling <b>water proof Epoxy pressure grout of approved make such as pidilite/ BASF or equivalent at RCC core cutting</b> , gap between drain pipe / amul trape and RCC elements including necessary surface preparation, grouting device, tools takles, scaffolding, special form work if require for pressure grout, providing water proof grade selecon / poly sulphide sealent as per manufacturer specifications etc. complete and ensure "ZERO" leakage from gap etc. complete as directed. (Measurment shall be based on cuto out closing in Nos).	Nos	5.00		
35	Making and finishing cut-outs in bricks work upto thickness of 400mm for any height and following sizes including necessary dismantling, debries removing, finishing with plaster to match with existing surface in proper line & level, scaffolding, grouting of sleeves etc. complete as directed.				
a.	size: up to 300mm	Nos.	5.00		
b.	size: 300mm to 600mm	Nos.	5.00		
c.	size: 600mm to 1000mm	Nos.	3.00		
36	Providing and fixing a Stainless steel (Grade 304) <b>AMUL TRAP of 150 mm internal dia.</b> as approved by EIC, Including cutting the floor and making them good with surrounding M20 CC, masonry/ block supports, MS brackets etc. testing, etc complete to the satisfaction of EIC.	Nos	2.00		

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37	Providing, Fabricating and fixing <b>100mm dia 3 mm thk. SS drain line of 304 grade</b> made out of round pipes brush finish including tube fitting as bend, Tee, reducers, flange, socket with supporting brackets / clamps made out of SS sections fixing with anchor fastener etc on concrete surface, brick surfaces or floor including bending and bends as per the drawing with best quality finish as per the approval of Architect / EIC.	Rmt	12.00		
38	Providing, Fabricating and fixing <b>150mm dia 3 mm thk. SS drain line of 304 grade</b> made out of round pipes brush finish including tube fitting as as bend, Tee, reducers, flange, socket with supporting brackets / clamps made out of SS sections fixing with anchor fastener etc on concrete surface, brick surfaces or floor including bending and bends as per the drawing with best quality finish as per the approval of Architect / EIC.	Rmt	12.00		
39	Providing, Fabricating and fixing <b>200mm dia 3mm thk. SS drain line of 304 grade</b> made out of round pipes brush finish including tube fitting as as bend, Tee, reducers, flange, socket with supporting brackets / clamps made out of SS sections fixing with anchor fastener etc on concrete surface, brick surfaces or floor including bending and bends as per the drawing with best quality finish as per the approval of Architect / EIC.	Rmt	6.00		
40	Providing & fixing GALVALUME colour coated cold rolled sheets made out of 0.5mm base metal thickness and Total Coated Thickness as 0.55mm, yield and tensile strength minimum 550 Mpa cold rolled sheet with hot dip metallic coating of aluminium zinc alloy 150 Gms/SqM, density minimum 4.8 Kg/SqM with minimum 20 microns super durable polyester paint or silicon modified polyester on top and 5 microns back-up epoxy coating at the bottom having 1020/1080mm cover width with 32 mm high crest at 220/250mm C/C in length as approved by the architect and with necessary suitable imported galvanised carbon steel 40micron zinc coated/minimum 20micron Zinc-Tin alloy coated Hexagonal head, self drilling & self tapping screws of ITW Buildiex(R) AS 3566 Class 3/ HILTI/BOSCH having drilling capacity minimum 6-8mm and in required diameter and length fixed using torque drill machine all complete with EPDM sealing washers with sealant. Rate should include cost of plastic caps of approved colour of UV resistance and button	Smt	68.00		
41	Providing, Fabricating and fixing SS channel drain with SS grating made out from 2.5 MM THICK SS (SS 304) Sheet at all heights / all floors / all shapes / all positions and all as per specifications & direction of EIC The rate shall be inclusive of supporting brackets made out of SS sections fixing with anchor fastener of Hilti, bending and bends as per the drawing with best quality finish as per the approval of Architect / EIC.	Rmt	25.00		
42	Providing, Fabricating and fixing 50 x 50 mm size SS angle 3 n	Rmt	24.00		
43	Providing and fixing PVC drain waste, vent pipes and fittings such as collars, junctions, bends, fittings with or without access doors, off sets, terminal guard, access pieces, M. S. holders bat heavy quality clamps, made out 12 mm wide & 5 mm thick M. S. flat, cutting chases holes in walls, RCC work, floors etc. and making good the same.				
a.	b) 100 mm dia	Rmt	50.00		

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44	Providing and fixing S.S. kitchen sink of approved make such like Nirali / Krishna or equivalent of following size including necessary fixtures like waste couplin, waste pipe connected upto NT, chock stop couplin, elbow, flexible drainage pipe, drain board drainage couplin etc. complete as directed				
b)	Over all size 560mm X 460mm, bowl size 510 mm X 405 mm X 190 mm deep	Nos	1.00		
45	Providing and fixing brass CP Pressmatic Pillar cock / bib cock with wall flange of approved make like Jaquar as per drawing and direction and satisfaction of Engineer in Charge with following or equivalent.	Nos	1.00		
46	Providing cement vata (30cm X 30cm size) quarter round in cement concrete Grade M20 including neat cement finishing, watering etc. complete. For all floors / all levels / all heights.	Rmt	50.00		
47	Demolition and disposal of unserviceable materials with all leads and lifts. Plain cement concrete (PCC).	Cum	2.00		
48	Demolition including stacking of serviceable materials and disposal or unserviceable materials with all leads and lifts - <b>R.C.C work</b> , including cutting the reinforcement and finishing the broken surfaces to match the surroundings etc. complete.	Cum	9.00		
49	Demolition of <b>brick work and stone masonry</b> including both side plastering or cladding if any on it stacking of serviceable materials and disposal of unserviceable materials with all leads and lifts etc complete.	Cum	25.00		
50	Dismantling tiled or <b>stone floors</b> laid in cement mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lifts.	Sqm	50.00		
41	Dismantling of all types of <b>Plaster, raking out joints</b> and cleaning the surface for new plaster at all heights, including disposal of unserviceable material at nonobjectionable place for all leads and lifts. Site shall be selected by contractor.	Sqm	305.00		
52	Dismantling steel work including <b>dismembering and stacking</b> the materials with all leads and lifts.	Kg	5000.00		
53	Removing old doors, window and ventilator of any size including good the walls by CM 1:3 and handing over the old materials to client.	Sqm	22.00		
54	Removing of Roof sheet & proper stacking at proper place.	Smt	38.00		
55	Supply of skilled Mason	Nos	5.00		
56	Supply of unskilled Labour	Nos	10.00		
57	Providing Electric Braker machine with operator & un skilled labor, on highred basis for miscellaneous dismantling, chipping etc work. including necessary debris removing, site cleaning etc. Time will be cosidered from work started at site till work is completed at site.	Nos	6.00		
<b>Total Amount Rs.</b>					
<b>Goods and Service Tax (GST)</b>					
<b>Total Amount with Taxes</b>					