GOLDEN TEMPLE



AMRITSAR

SPECIFICATIONS FOR KITCHEN EQUIPMENT

CLIENT

SHIROMANI GURDWARA PARBANDHAK COMMITTEE.

PREAMBLE

The tenders being invited are for Golden Temple Amritsar.

The following tender specifications are included:

• Kitchen Equipments

The bidders are required to follow the instruction given and return the said document duly filled in with rates.

The Following is to be mentioned in the envelope "Quotation K.E for Golden Temple Amritsar."

Quotations should be in the name of:

Secretary,

Shiromani Gurdwara Parbandhak committee, Sri Amritsar

The owners reserve the right to reject any tender or a part of tender without giving any reason and do not bind themselves to accept lowest or any tender.

The owners will not be responsible for, nor pay for any expenses or losses, which may be incurred by the bidders in preparation and submission of the tender.

Before the acceptance of any offer, visits may be made by the owners or consultants to the bidders work to inspect the facilities and satisfy themselves on technical and operational matters. The bidders shall afford whatever assistance is required in this process.

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GENERAL CONDITION:

The bidder shall study the specifications before preparing their bids and shall clearly indicate any changes or deviations from those given in the documents in their jobs. Deviations should be shown in a tabular form clearly indicating item wise deviation alongside original specifications so these may be considered during evaluation of the bid.

The bidders are required to quote on the following basis:

- Ex- factory / work basis.
- Packing & forwarding.
- Loading Unloading
- Transportation from works to site.
- All applicable taxes and duties.
- Installation cost with details.

The bidders are also required to submit the terms of payment, which shall be agreed upon on further discussions with the owners.

The successful bidder will be required to submit fabrication drawings with details to an appropriate scale for all fittings etc. for owners / consultants review and approval prior to manufacturer. The time scale for the successful bidder to produce these should be clearly indicated with the tender.

Successful bidder is required to verify all dimensions from site of all equipments ordered with him and of other equipment that may have impact on his equipment being procured from elsewhere.

Successful bidder shall submit a program of manufacture, delivery & installation and the likely dates for inspection

Within one week of placing orders.

Successful bidder shall mark the points of services at the site and also have to verify the sizes at the site for all the equipments.

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Successful bidder shall provide all necessary holes and / or openings in the equipment, which may be required for the proper installation of the plumbing, electrical, ventilating and refrigerating connections.

The successful bidder shall allow the owner or any party on his behalf, if necessary to inspect the equipment during fabrication, prior to assembly and before dispatch.

The successful bidder or their agent shall be responsible for the unloading of his own materials and fittings into a secure area on site provided by the owners. They shall be responsible for providing their tools / tackle and other equipment on site for installing the equipment in the designated locations.

Prior to acceptance of any tender, the successful bidder shall be required to visit the site and liaise with the consultants / contractor regarding the service facilities available from the other agencies, accessibility of the site and parts there in to enable their fittings to be installed.

The successful bidder would be required to inform the owner's in the writing about any services they may require for the installation, well in the advance to the actual installation of the equipment.

Inspection of all fittings shall be carried out by the owner / during and after the installation is completed. The drawback / deficiencies, if any shall be attended to by the successful bidder.

PRICING:

The pricing quoted must include all taxes levied by the Government or public body. The rates shall be firm and shall not be subject to any variation, labor condition or any condition what so ever.

TIME PENALTY

As the project is time bound, there will be 2% time penalty for every week delay after finalization of the time schedule.

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GENERAL SPECIFICATIONS

STAINLESS STEEL:

Where stainless steel is specified it shall be what is known to the trade as Austenitic 18-B type 304, 2B finish, with a content from 17% to 19% chrome, 7 % to 9% nickel and a maximum carbon content of 0.11.

Stainless steel shall be free from scale and surfaces should be polished to a no. 4 commercial finish.

GALVANIZED IRON:

Where galvanized iron is called for, it shall galvanized on an 8% copper bearing alloy sheet with approved hot pure zinc galvanizing. Where galvanized iron has been welded, all seams shall be cleaned scales removed and finished with prime coat of Aluminum point.

IRON PIPE:

Where iron pipe is called for, it shall be genuine wrought iron, fully galvanized. All threads are to be cleaned and coated with rust resistant coating.

STAINLESS STEEL PIPE AND TUBING:

Seamless tubing shall be thoroughly and properly ground smooth and finished to match adjacent work. All tubing where exposed to view shall be given a final grand of not less then 180 grit emery.

STRUCTURAL STEEL SHAPES:

All angles, band, channels or other structural shapes used for framing shall be of domestic manufacture uniform and ductile in quality, free of hard spots, runs, checks or cracks or other surface defects. Where such sections are

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specified as galvanized or tinned by the hot dip process, with all fluxes removed and in the case of galvanized excess spelter removed to be smooth and free from cold runs, blister, uncoated or scaly patches.

HANDLES, BRACKETS, LOCKING DEVICES AND HARD WARE:

Wherever equipments are provided with handles, knobs, hinges, brackets or other misc. hardware all shall be either of heavy stain finish chrome plated brass or stainless steel.

All drawers, enclosed cabinets, refrigerators storage bins, shall be furnished with extra heavy duty security type locking devices of cylinder type, chrome plated.

FASTENINGS:

Welds, bolts screws, nuts and washers shall be of steel, except where brass or stainless steel is fastened, in which case they shall be of brass or stainless steel respectively. Where dissimilar metals are fastened, bolts, screws and nuts shall be of the highest grade metal. The spacing and extent of welds, bolts and screws shall be such as to ensure suitable fastenings and prevent bulging of the material fastened.

WELDING:

All welding shall be done by the electrical fusion, metal –arc method. Carbon-arc or gas welding will not be permitted. All welding shall be done in a thorough manner, with welding rod of some composition as sheets or parts welded. Welds shall be complete welds, strong and ductile, with excess metal ground off joints finished smooth to match adjoining sheet surfaces. All joints in top of fixtures, tables, drain boards; exposed shelving, sinks etc. shall be welded. All equipment here in specified which is constructed in more then one piece of sheet of metal, shall be continuously Welded together with welds ground smooth and polished. But welds made by spot welding straps under beams and filling in the voids with solder and finished by grinding, will not be accepted.

It is the intention of this specification that all welded joints shall be homogenous with the sheet metal itself. Where sheet sizes necessitate a joint, such a joint shall be welded. Tops of fixtures shall be fabricated in the factory with welded joints to reduce field joints to a minimum. Where fixtures joins the tops of such fixtures

Shall be continuous with welded joints except in the case of field joints. Al joints made in the field shall be closely butted, pulled together in the field, field welded and polished smooth in accordance with section. Grinding, polishing finishing if these requirements. Tops of fixtures shall be of maximum length and with welded factory joints to an absolute minimum. Wherever welds occur on the surfaces not finished by grinding & polishing, such welds sand the accompanying discoloration shall be suitably coated in the factory by means of metallic base paint. To prevent the possibility of progressive corrosion of such joints.

GRINDING, POLISHING, AND FINISHING:

All welded exposed joints shall be suitably ground flush with adjoining material and neatly finish harmonizing herewith. Wherever material has been sunken or depressed by the welding operation, such depression will be suitably hammered and pressed flush to adjoining surfaces and if necessary again ground to eliminate low spots. All ground surfaces shall then be polished or buffed to match adjoining surfaces, consistent with good workmanship. Care shall be exercised in all grinding operations to avoid excessive heating of metal & metal discoloration. In all cases, grain of rough grinding shall be removed by successive polishing operations. Texture of final polishing operation shall be uniform and smooth consistent with reasonable care and good workmanship. General finish of all equipment shall be of high grade.

But joints and contact joints, wherever they occur, shall be close fitting and shall not require solder as filler. In no case in any soldering for strength and stability of joint and fixture itself. Wherever breaks bend occur, it shall be free from undue extrude and shall not be flaky scaly or cracked in appearance and where such break work does mar the uniform surface appearance of the material. All such marks shall be removed by suitably grinding, polishing and finishing. Wherever shared edges occur they shall be free from burrs, fins or irregular projections and shall be finished over such sheared edges. Where miters are bull nosed corners occur they shall be neatly finished with under edge of material neatly ground to a uniform condition and, in no case any over lapping materials to be accepted.

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It is the intention of these specifications to cover equipment of quality finish consistent with high grade manufacturing practices. All exposed surfaces shall be of no 4 finish expect trim, which is to be more highly polished satin finish. Where specified all doors cabinets, shelves, whether inside /outside of cabinets and wherever exposed are to be no. four 4 finish. This applies to inside finish of any cabinet having door s or otherwise an exposed surface shall be interpreted as meaning an inside surface exposed to view when a sliding or swinging door is opened. Underside of shelf need not to be 4 finishes but such finish shall be at least equal to 80-ground finish. Final no. 4 finishes to be factory finish, not as furnished by mill. Indication of die markings not blending with final finish will not be accepted.

BOLT CONSTRUCTION:

It is the intention of this specification that all equipment on exposed surfaces and wherever bolts are used to fasten trim to paneling and body of warmers, cabinets, counters etc. and more particularly to fasten tops of counter, dish tables etc. to top of framing such bolts and screws occur on the inside of the fixtures and are either visible or might come in the contact of the hands or the wiping cloth, such bolts, screws shall be capped with a suitable lock washer and chrome plated, brass or bronze acorn nut. Where screw nuts are not visible or readily accessible, they may be capped with a standard lock washer & steel nut treated to prevent rusting & corroding. Wherever bolts and screws are welded to underside of trim or tops, the revere side of weld shall be f\neatly finished uniform with the adjoining surface of trim or top, depressions at these points will not be acceptable.

SOUND DEADENING:

Underside of all stainless steel top for tables, counters, sink dishes and pot table with angle framework shall be treated with a coating of Carbozite aluminum finish or approved equal.

MATERIAL AND WORKMANSHIP:

All material equipment etc. shall be new and of kind specified and shall be in undamaged condition when turned over to owner. All workmanship shall be of best quality of crafts men skilled in their respective trades. Appliances shall be of rigid construction free from objectionable vibrations and quiet in operation. Manufacture's nameplate shall not appear on any of the fabricated equipment.

RESERVATIONS:

Various items are specified here in with the model no., brand or trade names or name of manufacturer, and it is the intent of this specification that the exact fixture so specified shall be furnished. This is not intended to restrict competition and consideration will be given to other brands that are equal or superior on every respect. However no substitutes or alternatives will be accepted if not mentioned in the base bid.

Owner reserve right to waive any information or reject any or all bids or any part or parts thereof, or to accept that bid as a whole or part, which in his judgment is for the interest of the owner.

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The decision as to acceptance or rejection of any alternate proposed shall be that of owner and / or architect or his consultant and their decision shall be final.

LEGS:

All legs to be constructed of not less than 40mm diameter stainless steel tubing cold drawn, annealed and pickled spaced no more than 1800mm C.C. all legs shall be uniform in finish. All legs, until and unless specified, to be of 304 SS.

LEGS CROSS BRACING:

All legs bracing where required, to be constructed of not less than 25 mm diameter 18GA SS and as specified above for expect as noted below. All cross bracing to run horizontal between all legs, approximately 250 mm above floor unless otherwise specified. All joints to be completely welded around entire perimeter forming complete seal with all welds ground and painted. Where one side of box unit is eliminated to provide space for cans, carts, plumbing or otherwise single cross brace to extent to given legs, such cross brace to be reinforced by diagonal section of tubing and set not less than 150mm out at each side, all welded as specified herein before.

UNDER BRACING:

All stainless steel counters, tables boards and dish tables tops to be braced below with inverted type channels made of 16 GA SS or G.I as specified, measuring 25 mm X 100mm X 25mm spaced not more than 750 mm on centers and installed in similar fashion.

FEET:

All legs shall be provided with stainless steel bullet feet, having an integrally formed shaft, with a minimum adjustment of appox. 40mm without using of threading or adjusting bolts. Feet shall be completely sealed at bottom and shall be close fitting between tubular legs support and foot.

UNDERSHELVES:

Where flat under shelving is specified under shelves shall be constructed of 18 GA SS All shelving shall be turned down on all sides appox. 40mm and in 12mm in channel shape with resulting corners cut out to fit contour of leg.

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Shelving shall be welded to legs and shall be ground polished & smooth under shelving shall m be reinforced with 25 mm X 100 mm X 25 mm of 16GA SS welded channels.

Removable type shelving to be of same material, rolled down on all sides with corners notched to counter of leg with resultant notches ground and polished smooth. Under shelving to be constructed in sections of not more than 900 mm and where butted against adjoining shelf section shelving to be turned down 40 mm and in 12 mm in channel shape. Supporting channel to be furnished on underside of each self-section of same size and material as specified above.

DRAWERS:

Drawers inserts shall be constructed of 18 GA SS and shall have all corners curved to 20 mm radius.

Drawers front are to be not less then16 GA double pan type with resulting corners welded ground and polished smooth. All drawers to be deadened. Drawers to set into an enclosed 20 GA SS vermin proof housing closed on all ides and bottom with 12 GA SS channel shaped slides four ball bearing rollers two front & two rear auto stops and release catches. Drawer's faces to be provided with recessed stainless steel pull handle welded face to face.

All drawers unless otherwise specified shall be 500 mm X 500mm X125mm deep, inside measurements.

SINKS AND DRAIN BOARDS:

All sinks and drain boards to be constructed of 16 GA SS unless otherwise specified with all joints neatly welded ground and polished smooth. No soldering at any point will be accepted in sink and drain board construction. All front and free standing edges to be turned up 40mm and to be turned out 50mm and down 40mm in 12mm raised fronts and ends of drain board are to be level with sink and continuous therewith and is not to follow pitch of drain boards. Drain boards to be pitched 3mm X 25 mm towards sink compartment. Sinks and drain boards to have 250mm high splash back level and continuous not following pitch of drain boards adjacent to walls or adjoining equipment. Where drain boards exceed 600 mm in length legs shall be provided as here in before specified. All vertical and horizontal corners to be rounded to radius of approx. 25 mm with all intersections meeting in spherical section. All sinks having two or more compartments to have double dividing partitions, with fully rounded corners, both vertical & horizontal. All corners of drain boards to be rounded on insides to a radius of 25 mm front corners of rolled rim to be fully rounded on outside rolls and be concentric with inside of roll. Bottom of each sink compartment to be creased to sufficient pitch towards waste outlet with 100 mm 14 GA SS perforated removable strainer plate set not less than 3/8" below sink bottom. Opening for hot & cold-water faucets to be cut in to splash back as required. All sinks shall be 14 GA deep unless otherwise specified to a no. 4 satin finish.

Where sinks are to be built as a part of counters, overflow scrap compartments for sinks as indicated on plans, to be constructed sane as above, welded into place, with resulting weld s ground and polished smooth, eliminating traces of welding.

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Bottom of each sink compartment to be furnished with 50 mm IPS heavy-duty lever drain. Unless otherwise noted, connected overflow to be furnished with SS perforated plates secured to body of sinks and constructed so that constant water level is 25 mm below dividing partition.

DISH TABLE:

Dish table to be constructed to be same as previously specified for sink drain boards except as noted below. Where table enter dish washing machine or pot washing they shall be turned down 25 mm into machine and a flange provided at both front and splash back, arranged so as to permit a neoprene gasket, approx. 3mm thick, being bolted between flanges and turned down of table forming a watertight joint across bottom and if up both side to top edge of dish table. Under side of all dish table shall be provided with sound deadening material either sprayed or brushed on into smooth coating. Sound deadening to be Carbozite or equal and finished sprayed with aluminum.

STAINLESS STEEL TABLE TOPS:

Where SS tops are called for they shall be of not less than 16 GA SS finished in satin finish with all resulting edges rounded with no burrs or other excess material left. Where tables are placed against building walls they are to be turned up in back approx. 150 mm and returned 25 mm 90 at wall with all exposed ends closed.

Vertical and horizontal joints to be coved on 20mm radius terminating in fully coved intersections thoroughly welded, ground and polished smooth to match top surfaces.

Top shall be constructed of single pieces of S.S and to be reinforced underneath with inverted type channels of not less than 16 GA G.I or S.S as noted above, space not more than 750 mm C.C. tables 1800 mm and longer to have 40 X 40 X 3mm or as noted galvanized steel angle or stainless steel frame work as noted reinforced outside edges with cross channels over 750 mm or less.

SLIDING DOORS:

Sliding doors where called for, to be made of18 GA SS exterior and 20 GA galvanized steel interior unless otherwise specified. Doors to be equipped with recessed stainless steel pull handles. Door to be made removable. Door to be double pan construction, filled with suitable sound deadener, 12 mm thick with all corners welded ground and polished smooth to uniform finish. Doors to be designed to permit removal for cleaning and adjustment without use of tools. Bolts and screws are to be kept to minimum and to be of corrosion resisting metal. Spacers where not exposed to view may be of 14 GA, 20 mm diameter upper suspension nylon rollers to be heavy duty and ground to minimize wear and noise. Precaution to be taken in all cases to avoid friction and rubbing between doors, door suspension and upper sliding framework including hardware.

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NOTE:

Double doors to be provided with double overhead tracks and carriers for maximum clear door opening. Units to be provided with trackless bottom with concealed guide for overhead roller doors. Guides to be equipped with limit stops and to prevent telescoping of doors.

HINGED DOORS:

Hinged doors for cabinets, counter etc. to be constructed of 18 GA SS with ground and polished smooth. Hinges catches and locking devices to be chrome plated brass. Hinges to be of construction as to eliminate exposed bolts and screw heads. Doors handles to be provided and to be SS as here in after specified.

COUNTER, CABINET AND OVERHEAD SHELVES:

Counter shelves and cabinet shelves to be constructed of 18 GA SS. Overhead cabinets shelve to be constructed of 18 GA SS. All shelving is to be removable type, finished in satin finish and constructed in sections of not more than 750 mm. where shelves are more than 1500mm above floor, underside of shelf to be finished same as top. All shelves to be removable for easy cleaning. Plate warmer shelves to be perforated and removable.

UNTENSIL RACK:

Units to be measured approx. 600mm wide X length as shown on plan, constructed of 50mm X 6mm SS bond with ends fully rounded, one piece welded construction, ground and polished smooth to uniform finish. Center rails to be located approx. 250 mm below outer rails and secured b means of welded V shape braces constructed of same material. Pothooks to be sliding type, positioned 150 mm CC for both upper and lower rails.

Units to be hung from ceiling slab by means of 50 mm X 6mm SS band hangers with cross bracing to prevent swaying. Supports to be secured to racks by means of SS round heads, bolts and acorn nuts with lock washers. Top of ceiling hangers when not exposed to be secured to a 12 S.S. channel, which shall be anchored to ceiling slab in an approved manner. If supporting channels are exposed they are to be constructed of 12 GA SS secured to finish ceiling in approved manner.

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Revolving utensil racks to be a here in after specified and in accordance with details shown on drawings.

WALL CABINETS:

To be of length as shown on plans or which are specified, 325mm deep and 750mm high except where shown otherwise on drawing. All cabinets to have sloped dust proof tops. Exterior bottom to be a flush type construction.

Cabinets to be constructed of 18 GA SS of all welded construction. Cabinet interiors to be provided with fixed bottom shelf and two removable, adjustable, intermediate shelves. Shelves to rest on clips, which shall be secured to keyhole strips fastened to interior of cabinet. Doors to be of double wall construction fully sound proof, constructed in accordance with details here in before set forth.

SINKS SET INTO WORK COUNTERS OR WORK TOPS:

Sinks to be constructed if same gauge and material as specified for counter top.

Tops perimeter of each sink to be continuously electrically welded to the edge of opening in table or counter top with resulting welds ground and polished smooth so that sink and top are integral units. Table or counter tops to be punched to receive 20 mm faucets.

All sinks to have vertical and horizontal corners rounded on 25 mm radius with bottom punched to 40mm or 50mm waste outlet depending on which is indicated in drawings.

Sinks to be finished and appearance to be same as table or counter tops.

BAIN MARIES (ELECTRIC)

To be of some construction as here in before specified as above except that the bottom of the units will not be provided with the steam coils. Bottom of units for electric operation will be furnished with emersion heating elements of size as shown on drawings. Complete with control knob, thermostatic sleeve and dial setting for temperature desired. Immersion heating element to be as manufactured by Escorts Ltd. Or approved equal. False bottom to be constructed to clear immersion heating element.

Cold pans are to be 150 mm deep and to be of size and shape as shown on the drawings with each cold pan section constructed as integral part of the counter.

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Cold pans to be constructed of 16 GA SS with all vertical horizontal corners coved with serpentine cooling coils sweated to exteriors. Unit to be insulated on all four sides and bottom with 50 mm of cork set in glycol emulsion. Exterior lining to be of 18 GA galvanized iron with resulting joints fully welded. Top of counter to be flanged down 12 mm and out 12mm into cold pan and counter top. Bottom of pan to be pitched to 25mm chrome plated brass waste outlet.

COUNTER/TABLES SPLASH

All Counter/Tables & Refrigerator Splash same material of top with turned up 150mm (Specified) returned 25mm & down 12mm & **Rear Gap of splash closed with no. 20 G.A S.S Sheet.**

The bidder shall study the specifications before preparing their bids and shall clearly indicate any changes or deviations from those given in the documents in their jobs. Deviations should be shown in a tabular form clearly indicating item wise deviation alongside original specifications so these may be considered during evaluation of the bid.

The bidders are required to quote on the following basis:

- Ex- factory / work basis.
- Packing & forwarding.
- Loading/ unloading at ports and at Project Site
- Transportation from works to site.
- All applicable taxes and duties.
- Installation cost with details
- **01. Imported Kitchen Equipment contractor (M.K.E.C.)** shall ask the owner in writing within one week of receiving tender documents-for any clarifications and shall promptly bring to the owner's attention any discrepancy, duplication or omission that may come to his notice
- **02. A.** M.K.E.C shall furnish total price installed, with break-up of prices giving F.O.B. (U.S.\$) rates and onwards, including cost of sea-worthy packing/containerization, sea-freight, insurance, import duty with E.P.C.G. benefit, octroi (if applicable), customs clearance charges, work contract tax, C.S.T., service charge and any other costs etc.

B. M.K.E.C should confirm that all equipment quoted would carry manufacturer's warranty of 12 months from the date of complete handing over.

C. It shall be the responsibility of the M.K.E.C for complete work including supply, assembly, and installation, commissioning, testing & handing over to clients.

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SPECIAL CONDTIONS FOR MODULAR KITCHEN EQUIPMENT

MODULAR KITCHEN EQUIPMENT CONTRACTOR (M.K.E.C.).

- Shall ask the owner in writing within two weeks of receiving tender documents for any clarifications and shall promptly bring to the owner's attention any discrepancy, duplication or omission that may come to his notice.
- M.K.E.C. shall furnish separate prices- ex- factory for each & every piece of equipment and indicate the cost of local freight separately or shall indicate F.O.B prices for each item.
- M.K.E.C. shall indicate separately the cost of sea worthy packing / containerization and the estimated cost of inland transportation, Sea freight and import duties as applicable.
- M.K.E.C. shall indicate separately for each item or a lump sum cost, for installation, testing & commissioning. Connection of all utilities will be done by other agencies as per the utilities plan to be submitted by M.K.E.C. within 6 weeks of placing orders.
- M.K.E.C. should confirm that all equipment quoted will carry manufacturer's warranty of 12 months from the date of commissioning & handing over.
- M.K.E.C. should base the quotation keeping in view the following terms of payment and should indicate any other terms of payment at the same time indicating the percentage impact on the basic prices quoted as per the stipulated terms of payment.
- The M.K.E.C. shall study all the drawings and specifications and shall clearly indicate any change or deviation in his bid from those given in the drawings and specifications, so that they can be taken into consideration at the time of making comparison of prices.
- For any deviations in the Make & Model Nos., the M.K.E.C. shall indicate the compatibility of the production capacity, thermal rating of insulation, consumption of utilities i.e. electricity water, steam etc. and the power rating of the motor, pumps, heaters, burners etc.

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- M.K.E.C. shall submit two (2) sets of catalogue cut in original of all equipment quoted. The item no. and quantities shall be clearly indicated on top right side of the catalogue. Accessories and optional equipment included in the prices shall be clearly indicated in red.
- M.K.E.C. shall submit a list of factory recommended spare parts for one (1) year satisfactory operation along with prices with the quotation.
- M.K.E.C. shall be required to submit two copies of catalogue cuts & installation drawings of all equipment in order to obtain owner's approval prior to shipment of goods.
- M.K.E.C. is required to fill up the time frame schedule as indicated below:

DESCRIPTION

TIME IN WEEKS

- 1. APPROVAL OF CATALOGUES & BY CLIENT
- 2. MANUFACTURE AND DELIVERY TO PART OF SHIPMENT
- 3. TRANSPORTATION
- 4. CUSTOM CLEARANCE
- 5. INSTALLATION OF EQUIPMENT INCLUDING HOOK-UP
- 6. TESTING & COMMISSIONING
- 7. HANDING OVER
- Successful M.K.E.C. will be required to submit fabrication drawings with detail to scale not less than 1:25 for any custom built equipment ordered for owner's review and approval prior to manufacture. Drawings should show details of construction and materials to be used and indicate the requirements of plinths depressions, drains etc. required to be provided by others.
- M.K.E.C. will be required to submit samples of materials and components in order to satisfy the owner in advance of the standards and quality of work man ship, i.e. handles, section of panels, interlocking arrangements of panels, hinges and other such hardware shall be submitted for approval along with the drawings.

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- M.K.E.C. is required to verify all dimensions from site of all equipment ordered with him and of other equipment that may have impact on his equipment being procured from elsewhere.
- All items shall suit space conditions all dimensions given are approximately only and in all cases, where
 equipment is intended to occupy fixed locations and spaces, the physical condition of the building are to
 control and absolute sizes.
- M.K.E.C. shall furnish all necessary information and measurement of the job site. This information shall be secure by others at the site of installation.
- M.K.E.C. shall be required to liaise with project manager regarding accessibility of his equipment and to the site of location and make necessary arrangement for their access.
- The M.K.E.C. shall provide all necessary holes and / or opening in the equivalent, which may be required for the proper installation of the plumbing, electrical, ventilating and refrigeration connections.
- M.K.E.C. shall submit a program of manufacture, delivery and installation and the likely date for inspections within (2) weeks of placing orders.
- M.K.E.C. will be required to show the equipment to the owner's representative during fabrication i.e. prior to assembly and before dispatch.
- M.K.E.C. or his agents shall be responsible for the installation of his equipment and to get the utility connections under their supervision by the worker's deputed by the project manger and to ensure the satisfactory operation / functioning of all their equipment.
- Final inspection of all equipment shall be carried out at the site by the owner's representative after installation has been completed and the equipment has been hooked up to systems and draw backs / deficiencies if any, during that time shall be attended to by the M.K.E.C.
- All equipments and parts will be covered by a warranty for a period of one year from the date the equipment is commissioned, M.K.E.C. shall be required to promptly to attend to all requests for repairs and replacement of equipment supplied by him during the warranty period.

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- The M.K.E.C. shall hand over after satisfactory testing and commissioning four copies of the following:
- Detailed equipment data in the Performa approved by consultant / owner.
- Drawing indicating the equipment layout and utilities as installed.

Submissions along with Quotation

- \circ $\,$ Soft and hard copy of the catalogues of the equipments quoted.
- Soft copy of the technical Data sheet.
- Any Deviation in specification from the tender needs to be brought to our notice at the time of submission of quotation.
- \circ Quotation will not be considered if any of the above is not submitted along with quotations.

GOLDEN TEMPLE AMRITSAR

BILL OF QUANTITY OF KITCHEN EQUIPMENT

ITEM NO.	QTY		DESCRIPTION	UNIT RATE	AMOUNT
BASEM	ENT F		DR .		
RECEIVING	G AREA				
R-10	3	MD	S S DRAIN TROUGH WITH GRATING		
R-15	1	MD	S S DRAIN TROUGH WITH GRATING		
FOOD & G	ENERA		RE		
FS-07	1	MD	S S DRAIN TROUGH WITH GRATING		
FS-13	2	MD	S S DRAIN TROUGH WITH GRATING		
FS-16	2	MD	S S DRAIN TROUGH WITH GRATING		
GROUN	D FL	OOR			
HOT FOOD	PREP	AREA			
K-01	4	CB	SINGLE BURNER STOCK POT RANGE		
K-02	21	MD	S S DRAIN TROUGH WITH GRATING		
K-04	2	MD	TILTING PRESSURE BRATT PAN		
K-05	4	MD	S S DRAIN TROUGH WITH GRATING		
K-06	2	MD	LIFTER		
K-07	16	MD	S S DRAIN TROUGH WITH GRATING		
K-22	9	MD	S S DRAIN TROUGH WITH GRATING		
K-23	4	MD	S S DRAIN TROUGH WITH GRATING		
K-25	3	СВ	GARBAGE CAN		
K-30	1	MD	S S DRAIN TROUGH WITH GRATING		
K-38	2	MD	S S DRAIN TROUGH WITH GRATING		
POT WASH	AREA	1			
K-45	3	MD	S S DRAIN TROUGH WITH GRATING		

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ITEM NO.	QTY		DESCRIPTION	UNIT RATE	AMOUNT
WASHING	AREA				
K-48	1	MD	SANITIZING & DRYING MACHINE		
K-51	1	MD	FOOD WASTE TREATMENT SYSTEM		
K-52	2	MD	S S DRAIN TROUGH WITH GRATING		
K-55	2	MD	S S DRAIN TROUGH WITH GRATING		
K-55A	1	MD	S S DRAIN TROUGH WITH GRATING		
K-56	39	MD	S S DRAIN TROUGH WITH GRATING		
K-57	12	MD	S S DRAIN TROUGH WITH GRATING		
K-58	24	MD	S S DRAIN TROUGH WITH GRATING		
K-60	1	MD	S S DRAIN TROUGH WITH GRATING		
K-63	1	СВ	WASTE REMOVABLE TABLE		
K-63A	1	MD	FLUSHING TROUGH		
FIRST F		R			
HOT FOOD	PREP	AREA			
SK-02	3	MD	S S DRAIN TROUGH WITH GRATING		
SK-03	1	MD	EXHAUST HOOD		
SK-03A	1	MD	FIRE SUPPRESSION SYSTEM		
SK-04	1	MD	S S DRAIN TROUGH WITH GRATING		
SK-07	1	MD	S S DRAIN TROUGH WITH GRATING		
SK-09	3	MD	FLUSHING HOSE UNIT		
SK-10	1	MD	S S DRAIN TROUGH WITH GRATING		
POT WASH	I AREA				
SK-12	2	MD	S S DRAIN TROUGH WITH GRATING		
COMMISS	ARY KIT	CHEN	<u> </u>		
СК-02	1	MD	ONION PEELER		
СК-03	7	MD	S S DRAIN TROUGH WITH GRATING		
СК-06	1	MD	GARLIC PEELER		
СК-07	1	MD	S S DRAIN TROUGH WITH GRATING		
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ITEM NO.	QTY		DESCRIPTION	UNIT RATE	AMOUNT	
CK-08	1	BO	MASALA GRINDER(TILTING) 40L			
СК-09	2	MD	S S DRAIN TROUGH WITH GRATING			
СК-10	1	MD	VEG WASHER			
СК-11	1	MD	VEG CUTTER MACHINE			
СК-12	1	MD	POTATO PEELER			
СК-14	2	MD	S S DRAIN TROUGH WITH GRATING			
СК-16	2	MD	S S DRAIN TROUGH WITH GRATING			
CK-22	7	СВ	HOT BAIN MARIE COUNTER FOR FOOD HOLDING			
СК-23	2	MD	S S DRAIN TROUGH WITH GRATING			
СК-24	4	BO	COMPLETE CHAPATI TUBS			
CK-25	4	MD	S S DRAIN TROUGH WITH GRATING			
SECON						
CHAPATI	MAKING	AREA	•			
CM-02	3	MD	MOBILE KNEADING ATTA TROLLEY			
CM-04	6	BO	COMPLETE CHAPATI BOXES			
CM-15	2	CB	GRIDDLE PLATE			
CM-16	1	MD	EXHAUST HOOD			
CM-16A	1	MD	FIRE SUPPRESSION SYSTEM			
CM-17	1	MD	EXHAUST HOOD			
CM-17A	1	MD	FIRE SUPPRESSION SYSTEM			
CM-23	2	СВ	GRIDDLE PLATE			
CM-24	1	MD	EXHAUST HOOD			
CM-24A	1	MD	FIRE SUPPRESSION SYSTEM			
CM-26	1	MD	EXHAUST HOOD			
CM-26A	1	MD	FIRE SUPPRESSION SYSTEM			
CM-27	1	MD	CHAPATI CONVEYOR BELT	HAPATI CONVEYOR BELT		
CM-28	3	MD	EXHAUST HOOD			

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ITEM NO.	QTY		DESCRIPTION	UNIT RATE	AMOUNT
CM-28A	3	MD	FIRE SUPPRESSION SYSTEM		
CM-31	1	MD	BOWL LIFTER		
CM-35	1	MD	PLANETARY DOUGH KNEADER		
CM-36	2	MD	S S DRAIN TROUGH WITH GRATING		
CM-37	1	MD	FLOUR SIFTER		
CM-40	1	MD	S S DRAIN TROUGH WITH GRATING		
CM-45	6	MD	S S DRAIN TROUGH WITH GRATING		
CM-46	2	СВ	VEG PICK UP TROLLEY		
CM-47	4	СВ	VEG WASHING TROLLEY		
CM-48	6	BO	CHOPPED ONION CRATE		
CM-48A	4	BO	WASTE CONTAINER FOR ONION		
CM-49	4	BO	WASTE CONTAINER - POTATO		
CM-49A	5	BO	CHOPPED POTATO CRATE		
CM-50	4	MD	S S DRAIN TROUGH WITH GRATING		
CM-52	3	MD	S S DRAIN TROUGH WITH GRATING		

ITEM NO : R	R-10	DRAIN TROUGH GRATING
QUANTITY:	3	
Width: 550 mm CAPACITY M.E.P REQU	Depth: 550 mm	Height: 70 mm SPECIFICATIONS
PLUMBING Cold Ø Hot Ø Waste Ø ELECTRIC: Power Voltage		 RemovableS.S Grating of 304 Of suitable size with 25 mm height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. Spot welding not to be used.
Gas: BTU NA Con. Ø NA mm		 To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site.
ACCESSORI		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system Trough to be provided as per the flooring type coming at site.

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
ACO	BLUCHER	DSS					
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT					

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ITEM NO : R-15				DRAIN TROUGH GRATING			
QUANT	ITY:	1		protection and a second s			
SIZE							
Width:		Depth:	ł	Height:			
3000 mr	n	300 mm	5	70 mm			
CAPACI	ίτΥ						
M.E.P R	REQU	IREMENT		SPECIFICATIONS			
PLUMB	ING	:		RemovableS.S Grating of 304 0f suitable size with 25 mm height.			
Cold	Ø	NA					
Hot	Ø	NA		Grating with hairline finishing.			
Waste	Ø	4″ Floor Drain		Grating with 5mm thick for outside ring, 3mmthick for interior section,			
ELECTR	RIC :		<u>. </u>	 Grating has to be slip-resistant for one side, Plain on the other. Minimum Boint Load: 150 kg per square meter 			
Power		NA					
Voltage		NA		Minimum Point Load: 150 kg per square meter.			
Gas:				Spot welding not to be used.			
BTU Con.		NA Ø NA	mm	 To be made in one piece/ parts to make it suitable for lifting 			
Con.		ØNA	mm	• 70 mm Trough to be made with 16 Gauge AISI 304 SS.			
				• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.			
				• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.			
			• Trough has to be fully welded with no gaps.				
				• Suitable to be for fitting with type of flooring coming at site.			
ACCESSORIES:				Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system			
SPECIAL NOTE: 7				Trough to be provided as per the flooring type coming at site.			

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
ACO	BLUCHER	DSS					
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT					

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	SLOT CHANNEL / DRAIN RAIL					
QUANTITY: 1 SIZE Width: Depth: Height:						
1500 mm 50+200 mm 70 mm						
CAPACITY						
M.E.P REQUIREMENT SPECIFIC	CATIONS					
PLUMBING : Channe	<u>ls</u> :					
Cold Ø NA Material:	2mm. thick Stainless Steel Grade: 304 Pickle					
	ed. Levelling bolts to adjust height. Inclusive of foul air					
	basket, drainage ring (O-ring)					
ELECTRIC : Gully: C steel gra	Gully: Corrosion protected deep-drawn gully body stainless steel grade 304. Pickle Passivated. Gully body outer diameter is 178mm, with vertical outlet size 110 mm diameters.					
Power NA Grating	Grating for Gully top: Anti-slip electro-polished stainless steel					
voltage NA grating,v	grating, with load bar size 30mm X 2mm.Load Class L, according to EN1253. Gratings are made by arc-welding (not spot welding) Side bottom Inlets : 50mm Socketed Side inlet made of					
spot wel						
BTU NA Side bo						
Con. Ø NA mm Stainless	ing kitchen equipment if any.					
	neavy waste water via in-direct drainage from food uipment and kitchen floor.					
	tructure for gratings with smaller individual grating to fit f the channel to avoid work injury from being too heavy o handle					
Slab Penetration: Requires 110mm dia waste drain connection. Requires floor cut-out and recess. Refer to WPR drawings.Location/number of drain pipes from food service equipments to be coordinated with MEP Consultant.						
PREFERRED MAKE AND MODEL IN ALP	HABETICAL ORDER					
ACO						
CUSTOM BUILT						

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ITEM NO : FS-13						SLOT CHANNEL / DRAIN RAIL			
QUANTITY: 2									
SIZE									
Width:			Depth:		Height:				
1500 m	nm		50+200	mm	70 mm				
САРАС	CITY								
M.E.P	REQ	UIF	REMENT		SPECIFIC	CATIONS			
PLUM	BING	6:			Channel	<u>ls</u> :			
Cold	Ø	N	A		Material:	2mm. thick Stainless Steel Grade: 304 Pickle			
Hot	Ø	N	A			ed. Levelling bolts to adjust height. Inclusive of foul air			
Waste	Ø		' Floor rain		trap, silt t	basket, drainage ring (O-ring)			
ELECT	DIC				Gully: Corrosion protected deep-drawn gully body stainless steel grade 304. Pickle Passivated. Gully body outer diameter is				
	RIC				178mm, with vertical outlet size 110 mm diameters.				
Power		N	A		Grating	Grating for Gully top: Anti-slip electro-polished stainless steel			
Voltage	9	N	A		grating, with load bar size 30mm X 2mm.Load Class L, according to EN1253. Gratings are made by arc-welding (not spot welding)				
Gas:									
BTU		N	A						
Con.		Ø	NA	mm	Stainless	e bottom Inlets : 50mm Socketed Side inlet made of inless Steel & EPDM seal for taking indirect waste from rounding kitchen equipment if any.			
ACCES	SOR	IES	S:	1		neavy waste water via in-direct drainage from food uipment and kitchen floor.			
						tructure for gratings with smaller individual grating to fit f the channel to avoid work injury from being too heavy o handle			
-						e drain connection. Requires floor cut-out and recess. drain pipes from food service equipments to be			
PREFERRED MAKE AND MODEL IN ALPH						HABETICAL ORDER			
ACO									
CUSTO)M B	UII	LT						
ı									

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ITEM NO : F	S-16	DRAIN TROUGH GRATING
QUANTITY:	2	
Width: 550 mm CAPACITY M.E.P REQU PLUMBING		Height: 70 mm SPECIFICATIONS • RemovableS.S Grating of 304 0f suitable size with 25 mm
Cold Ø NA Hot Ø NA Waste Ø 4" Floor Drain ELECTRIC : Power		 height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other.
Gas:	NA	 Minimum Point Load: 150 kg per square meter. Spot welding not to be used. To be made in one piece/ parts to make it suitable for
Con.	Ø NA mm	 lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the flags during
		 floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site.
ACCESSORI		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system Trough to be provided as per the flooring type coming at site.

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
ACO	BLUCHER	DSS					
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT					

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ITEM NO:	: K-0)1	SINGLE BURNER STOCK POT RANGE		
QUANTIT	Y: 4		Tentative Image		
MAKE: CL	JSTC	M BUILT			
SIZE Width: Depth:			Height:		
1200 mr		1200 mm	400mm		
M.E.P RE	QUII	REMENT	SPECIFICATIONS		
Hot (Waste (ELECTRIC Power	Ø 1 Ø 1 Ø 1 C:	¹ /2" NA NA NA	 For construction detail refer standard shop drawing no. :- HPG/FD/47-B. #14Ga. S.S. Top. Top secured to 50mm x 50mm x 6mm thick S.S. welded angle frame work. Exterior # 18 Ga. S.S. cladding. 		
Voltage EXHAUST		NA	• 25mm x 25mm S.S. square pipe cross bracing at all sides.		
Image: NA GAS: BTU 110000 E.A. Con. Ø ¾"			 One (1) no. 600mm x 600mm Cast iron grate (Removable). One (1) no. M-50 H.P. burner with pilot lamp. One (1) no. # 18 Ga. S.S. drip tray with Integral handle. Built in pressure Controller regulator. 50mm x 50mm S.S. square pipe legs. With adjustable bullet feet. (4) Nos. Pot filler(Item No. K-01A) Wall Mounted "Jaksons Make and model is "JHT # 7102 DZ" 600mm long Swivel type Single Control water faucet. Front and both sides # 20 G.A S.S Cladding, Rear open for services. 		
ACCESSO	ORIE	S:			
SPECIAL	NOT	E:	All Sheet / Pipe S.S. 304 Grade Pre-polished Plastic Coated.		
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ITEM NO : K	(-02	DRAIN TROUGH GRATING	
QUANTITY:	21		
Width: Depth: H		Height: 70 mm	
M.E.P REQUIREMENT PLUMBING : Cold Ø NA Ø Hot Ø Waste Ø 4" Floor Drain ELECTRIC : Power NA Voltage NA		 SPECIFICATIONS RemovableS.S Grating of 304 Of suitable size with 25 mm height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. 	
Gas:	NA Ø NA mm	 Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site. 	
ACCESSORI		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system Trough to be provided as per the flooring type coming at site.	

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER						
ACO	BLUCHER	DSS				
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT				

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ITEM NO : K-04						TILTING PRESSURE BRATT PAN		
QUANTITY: 2								
SIZE								
Width: Depth:		Height:						
2000 mm			1840 m	ım	1840 mm			
CAPACITY 300 Liter								
M.E.P	REQ	UIR	EMEN	т	SPECIFICAT	TIONS		
PLUME	BING	i :			LPG	gas operated		
Cold	Ø	1/2	"		• Тор,	front and side panels in AISI 304 stainless steel		
Hot	Ø	NA	١		• Pan v	vith all edges rounded		
Waste Ø NA		 Multipurpose cooking surface: compound in special 18 mm thick AISI 304 SS 						
Power		0.2	2 KW					
Voltage	Voltage 220-50-1		Thermal insulation of the pan					
EXHAU	JST	<u> </u>			Safety valve on lid to avoid over pressure			
NA					Double jacketed counter balanced lid.			
GAS:	GAS:				Burner with electronic ignition			
BTU 182500		• With	temperature limiter					
Con.	n. Ø ³ / ₄ " • Auto motorized tilting mechanism MANUAL		motorized tilting mechanism MANUAL					
					• With	programmable electronic microprocessor controls		
					• Tiltin	g interlocking		
					• With	out Stirring Unit		
ACCES	ACCESSORIES:				Mixing tap (2	hand)l/h,		
SPECIAL NOTE:								
PREFE	RRR	ED	MAKE	AND M	IODEL IN ALF	PHABETICAL ORDER		
NILMA								
SALSA								
JALOA								

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ITEM N	10 :	K-0	5		DRAIN TROUGH GRATING		
QUANT	ΊΤΥ	: 4					
SIZE							
Width:		0	Depth:		Height:		
1500 m	m	3	300 mm		70 mm		
CAPAC	ITY			L.			
M.E.P	REQI	JIR	EMENT		SPECIFICATIONS		
PLUME	SING	:			RemovableS.S Grating of 304 0f suitable size with 25 mm height.		
Cold	Ø	NA			 Grating with hairline finishing. 		
Hot Waste	Ø	NA 4″ Dra	Floor		Grating with 5mm thick for outside ring, 3mmthick for interior section,		
ELECTI	RIC				Grating has to be slip-resistant for one side, Plain on the other.		
Power		NA			 Minimum Point Load: 150 kg per square meter. 		
Voltage		NA					
Gas:					 Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 		
BTU Con.		NA Ø	NA	mm			
COII.		Ø	NA	mm	• 70 mm Trough to be made with 16 Gauge AISI 304 SS.		
					• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.		
					• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.		
					• Trough has to be fully welded with no gaps.		
					• Suitable to be for fitting with type of flooring coming at site.		
ACCES	SOR	IES	•		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system		

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SPECIAL NOTE:	Trough to be prov	vided as per the flooring type coming at site	•
PREFERRED MAKE AN	ID MODEL IN ALPHABET	ICAL ORDER	
ACO	BLUCHER	DSS	
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT	

ITEM N	0:	K-06			LIFTER
QUANTI	ITY:	: 2			T &
Width:		Depth:		Height:	
1100 mm	n	1350 mi		2650 mm	1/4
	1100 mm1350 mm2CAPACITY1470 mm High			e the second sec	
M.E.P R	EQI	JIREMENT		SPECIFIC	ATIONS
PLUMBI	ING	:		• Lift	ter capacity to lift and tip the standard 200 or 300 litre
Cold	Ø	NA		• Tilt	ting elevator
Hot	Ø	NA		• Sta	inless steel AISI 304, the lifting chain in hardened
Waste	Ø	NA			ck steel internal direction.
ELECTR	IC :	-		• Ste	eering gear motor 1,1 kW. Motor with self braking.
Power	[1.1 K.W.		• Slip	oping wheels.
Voltage		440.50.3 P	h	• dir	ection drive manufactured in high density plastic
Gas:					terial.
BTU		NA		_	
Con.		Ø NA	mm	-	
ACCESS	OR	IES:	<u> </u>		
SPECIAL NOTE:					
PREFER	REI	D MAKE AN	ID MOI	DEL IN ALPH	ABETICAL ORDER
NILMA					
ELEVAT	OR				

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ITEM NO : K-07	DRAIN TROUGH GRATING
QUANTITY: 16	
SIZE	
Width: Depth: H	Height:
(4) 1500 mm 500 mm 1	150 mm
(12) 1000 mm	
CAPACITY	
M.E.P REQUIREMENT	SPECIFICATIONS
PLUMBING :	RemovableS.S Grating of 304 0f suitable size with 25 mm
Cold Ø NA	height.
Hot Ø NA	Grating with hairline finishing.
Waste Ø 4" Floor Drain	Grating with 5mm thick for outside ring, 3mmthick for interior section,
ELECTRIC :	Grating has to be slip-resistant for one side, Plain on the
Power NA	other.
Voltage NA	Minimum Point Load: 150 kg per square meter.
Gas:	Spot welding not to be used.
BTU NA	 To be made in one piece/ parts to make it suitable for lifting
Con. Ø NA mm	• 150 mm Trough to be made with 16 Gauge AISI 304 SS.
	• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.
	• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.
	 Trough has to be fully welded with no gaps.
	• Suitable to be for fitting with type of flooring coming at site.
ACCESSORIES:	Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system
SPECIAL NOTE:	Trough to be provided as per the flooring type coming at site.

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PREFERRED MAKE	AND MODEL IN ALPHABET	ICAL ORDER	
ACO	BLUCHER	DSS	
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT	

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ITEM NO : K	(-22		DRAIN TROUGH GRATING		
QUANTITY: SIZE	9				
Width: 550 mm	Depth: 550 mm	Height: 70 mm			
CAPACITY					
M.E.P REQU			emovableS.S Grating of 304 0f suitable size with 25 mm		
Hot Ø Waste Ø	NA NA 4" Floor Drain		ating with hairline finishing. ating with 5mm thick for outside ring, 3mmthick for erior section,		
	NA	ot	 Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. 		
Voltage Gas:	NA		Spot welding not to be used.		
BTU NA Con. Ø NA mm		m Iifi n 70 • Tr pe • Dr fla flo • Tr	 be made in one piece/ parts to make it suitable for ting mm Trough to be made with 16 Gauge AISI 304 SS. ough to be provided with drain outlet at center or as ar site with all sides sloping towards drain outlet. ain out let of the trough to have 16 gauge extension inges of 40 mm depth and 100 mm dia. for entry in the for drain. ough has to be fully welded with no gaps. be the for fitting with type of flooring coming at the term. 		
ACCESSORI	ES:	Silt Basket into drain	, With NBR infill (Polymer fill for bend), O ring for fitting system		
SPECIAL NO)TE:	Trough to	be provided as per the flooring type coming at site.		

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER								
ACO	BLUCHER	DSS						
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT						

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ITEM NO : H	(-23		DRAIN TROUGH GRATING	
QUANTITY:	4			
Width: 3000 mm CAPACITY	Depth: 300 mm	Height: 70 mm		
M.E.P REQUPLUMBINGColdØHotØWasteØ		• Ri he • Gi • G	emovableS.S Grating of 304 0f suitable size with 25 mm eight. rating with hairline finishing. rating with 5mm thick for outside ring, 3mmthick for terior section,	
ELECTRIC :PowerVoltageGas:	NA NA	• M	rating has to be slip-resistant for one side, Plain on the her. inimum Point Load: 150 kg per square meter. pot welding not to be used.	
BTU NA mm		nm • 70 • Ti pe • Di fla flo • Ti • Si	 be made in one piece/ parts to make it suitable for ting c) mm Trough to be made with 16 Gauge AISI 304 SS. c) rough to be provided with drain outlet at center or as er site with all sides sloping towards drain outlet. rain out let of the trough to have 16 gauge extension anges of 40 mm depth and 100 mm dia. for entry in the bor drain. rough has to be fully welded with no gaps. uitable to be for fitting with type of flooring coming at te. 	
ACCESSORI		Silt Basket into drain	t, With NBR infill (Polymer fill for bend), O ring for fitting	

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
ACO	BLUCHER	DSS					
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT					

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ITEM N	NO: H	(-25		GARBAGE CAN		
QUANT	ΓΙΤΥ	: 3		Tentative Image		
SIZE						
Width:		Dia:		Height:		
502 mn	n	410 mm	ı	673 mm		
CAPAC	ITY	70 liters	5			
M.E.P I	REQI	UIREMENT	I	SPECIFICATIONS		
PLUME	BING	ì:				
Cold	Ø	NA	mm	Steel Construction.		
Hot	Ø	NA	mm	With rust, dent, chip or peel free.		
Waste	Ø	NA	mm	Heavy duty Pedal Mechanism.		
ELE	ECTR	IC :		Tight fitting overlapping lid.		
Power		NA		With Round Corner.		
Voltage		NA		• 70 Liter Container Equipped with 2 full nylon Rear Wheels for better maneuverability.		
Ga	s:			• Unit should be suitable for work in Food service area.		
BTU		NA				
Con.		Ø	mm			
ACCES						
SPECI	AL N	OTE:				
Qty as	per	operator				
PREFE	RRE	D MAKE AN	ID MO	DEL IN ALPHABETICAL ORDER		
CUSTO	M B	UILT				

ITEM	NO :	K- 3	30			SLOT CHANNEL / DRAIN RAIL		
QUAN	TITY	': 1						
SIZE								
Width:			Depth:		Height:	leight:		
1500 m	nm		50+200	mm	70 mm			
САРАС	CITY							
M.E.P	REQ	UIF	REMENT		SPECIFIC	CATIONS		
PLUM	BING	3:			Channel	<u>ls</u> :		
Cold	Ø	N/	4		Material:	2mm. thick Stainless Steel Grade: 304 Pickle		
Hot	Ø	N				ed. Levelling bolts to adjust height. Inclusive of foul air		
Waste	Ø		' Floor rain			basket, drainage ring (O-ring)		
ELECT	RIC					 Gully: Corrosion protected deep-drawn gully body stainless steel grade 304. Pickle Passivated. Gully body outer diameter is 178mm, with vertical outlet size 110 mm diameters. Grating for Gully top: Anti-slip electro-polished stainless steel grating, with load bar size 30mm X 2mm.Load Class L, according to EN1253. Gratings are made by arc-welding (not spot welding) Side bottom Inlets : 50mm Socketed Side inlet made of 		
		-	^		_			
Power Voltage		N/			Grating			
Gas:			4					
					_			
BTU		N			Side bot			
Con.		Ø	NA	mm	Stainless	s Steel & EPDM seal for taking indirect waste from ling kitchen equipment if any.		
ACCES	SOR	IES	5:			neavy waste water via in-direct drainage from food uipment and kitchen floor.		
SPECI	AL N	ΙΟΤ	E:			tructure for gratings with smaller individual grating to fit f the channel to avoid work injury from being too heavy o handle		
Refer to	o WP	'R d	-	ocatio	n/number of a	e drain connection. Requires floor cut-out and recess. drain pipes from food service equipments to be		
PREFE	RRE	DN	1AKE AN	ID MO	DEL IN ALPI	PHABETICAL ORDER		
ACO								
CUSTO)M B	UII	T					
L				1				

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ITEM NO : K	(-38	DRAIN TROUGH GRATING		
QUANTITY:	2			
Width: 600 mm CAPACITY M.E.P REQU PLUMBING		Height: 70 mm SPECIFICATIONS • RemovableS.S Grating of 304 0f suitable size with 25 mm		
ColdØNAHotØNAWasteØ4" Floor DrainELECTRIC :PowerNA		 height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. 		
Gas: BTU	NA	 Minimum Point Load: 150 kg per square meter. Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 		
Con. Ø NA mm				
ACCESSORI		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system Trough to be provided as per the flooring type coming at site.		
		rough to be provided as per the nooning type conning at site.		

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER				
ACO	BLUCHER	DSS		
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT		

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ITEM NO : K-45		DRAIN TROUGH GRATING	
QUANTITY: SIZE	3		
Width: Depth: Height: 3000 mm 300 mm 70 mm CAPACITY Image: Capacity for the second secon			
M.E.P REQUPLUMBINGColdØHotØWasteØELECTRIC :PowerVoltage	NA NA 4" Floor Drain	 SPECIFICATIONS RemovableS.S Grating of 304 Of suitable size with 25 mm height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. 	
Gas: BTU Con.	NA Ø NA mn	 Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site. 	
ACCESSOR		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system Trough to be provided as per the flooring type coming at site.	

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER				
ACO	BLUCHER	DSS		
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT		

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ITEM NO: K-48			SANITIZING & DRYING MACHINE	
QUANTITY: 1				
SIZE				
Width:	Depth:	Height:		
6700 mm	1020 mm	2010 mm		
CAPACITY 1500 Plates				
M.E.P REQUIR	EMENT	SPECIFICAT	TIONS	
	.7 KW. 0-50-3. ed with	 SPECIFICATIONS 2 Machines Direction of operation – Right to Left and othe 1 Machine direction of operation - Left to Right. With Dryer. With Dual Rinse. Three speed washing. S.S 304 Interior & Exterior. With Insulation. With Single point vent connection. Built in rinse aid dispenser. Detergent. Temperature sensor for temperature sensing. Heater with thermostat Control. Unit to be fully automatic wash and rinse cycle with correct temperature indicators for consistent cleaning. Unit with exhaust. 		
			of strip curtains throughout machine, Power Cord with	
SPECIAL NOT	E:	Plug.		
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER				

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MEIKO	WINTER HALTER	
B 190 P with Dryer	MTF 3-3400 MMM with dryer	

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Gas: Fully opened double wall insulted wing doors for total access to all components over the full length of the machine. Con. Ø NA mm Con. Ø NA mm Sanitization Stainless steel housing of the de- watering press is easily opened to access to perforated sleeve screen. Sanitization Stainless steel housing of the de- watering press is easily opened to access to perforated sleeve screen. Warm water rinsing system, prevents the blocking of the perforated sleeve screen through vigorous rinsing at the determined intervals, and all round cleanliness and hygienic standards. Waste water of the wet garbage unit has to be led through Grease trap according to DIN 4040. Protection class IP X5. Drain Pump, Power cord, Standard Accessories.	ITEM NO: K-51			FOOD WASTE TREATMENT SYSTEM				
SLE Width: Depth: Height: 1900 mm 700 mm 1675 mm CAPACITY Food left -overs up to 450 Kg/h Mixed refuse up to 320 Kg/h SPECIFICATIONS M.E.P REQUIREMENT SPECIFICATIONS PUUMBING: • Unit consists of a grinding mechanism and a solid waste de watering press. Cold Ø ¾ Hot Ø ¾ Wotage 440-50-3 • Lasy to clean, the streamlines design for external hygienic and cleanliness. Power 8.7 K.W • De watering press can be turned 90 deg to enable discharge in any three directions. Gas: • Fully opened double wall insulted wing doors for total access to all components over the full length of the machine. • Powerful grinding mechanism with tungsten carbide teeth. Con. Ø NA mm • Powerful grinding mechanism with tungsten carbide teeth. Con. Ø NA mm • Powerful grinding mechanism with tungsten carbide teeth. Con. Ø NA mm • Powerful grinding mechanism with ungsten carbide teeth. Con. Ø NA mm • Powerful grinding mechanism with tungsten carbide teeth. Gas: • • •	QUANTITY: 1							
1900 mm 700 mm 1675 mm CAPACITY Food left -overs up to 450 Kg/h Mixed refuse up to 320 Kg/h SPECIFICATIONS M.E.P REQUIREMENT SPECIFICATIONS PLUMBING :	SIZE			R				
CAPACITY SUBJECT Food left -overs up to 450 320 Kg/h SPECIFICATIONS M.E.P.REQUIREMENT SPECIFICATIONS PLUMBING : • Unit consists of a grinding mechanism and a solid waste de watering press. Cold 0 ¾" Hot 0 ¾" Waste 0 2" ELECTRIC : - Power 8.7 K.W Voltage 440-50-3 Gas: - BTU NA Con. Ø Ø NA Con. Ø NA mm Con. Ø NA mm Con. Ø NA mm Aremovable water insing system, prevents the blocking of the de- watering press is easily opened to access to perforated sleeve screen. • Warm water rinsing system, prevents the blocking of the determined intervals, and all round cleanliness and hygienic standards. • Ware water of the wet garbage unit has to be led through Grease trap according to DIN 4040. • Protection class IP X5.	Width:		[Depth:	I	Height:		
Kg/h Mixed refuse up to 320 Kg/h M.E.P REQUIREMENT SPECIFICATIONS PLUMBING : •	1900 m	m	7	700 mm	ı []	1675 mm	area the	
PLUMBING : . Unit consists of a grinding mechanism and a solid waste de watering press. Cold 0 34" . Hot 0 34" . Waste 0 2" . ELECTRIC : . . Comparison of the grinding tank. Power 8.7 K.W . De watering press can be turned 90 deg to enable discharge in any three directions. Gas: . Fully opened double wall insulted wing doors for total access to all components over the full length of the machine. Con. Ø NA mm Con. Ø NA mm Vartage Image: Second tank in tungsten carbide teeth. . Sanitization Stainless steel housing of the de-watering press is easily opened to access to perforated sleeve screen. . Warm water rinsing system, prevents the blocking of the perforated sleeve screen. . . Warm water of the wet garbage unit has to be led through Grease trap according to DIN 4040. . . Protection class IP X5. . . . ACCESSORIES: Drain Pump, Power cord, Standard Accessories. .	Kg/h Mixed refuse		•					
Cold 0 34" Hot 0 34" Hot 0 34" Waste 0 2" Waste 0 2" ELECTRIC: Power 8.7 K.W Voltage 440-50-3 Gas: De watering press can be turned 90 deg to enable discharge in any three directions. BTU NA Con. Ø NA Man mm Powerful grinding mechanism with tungsten carbide teeth. Sanitization Stainless steel housing of the de- watering press is easily opened to access to perforated sleeve screen. Warm water rinsing system, prevents the blocking of the perforated sleeve screen. Wart water of the wet garbage unit has to be led through Grease trap according to DIN 4040. Protection class IP X5.	M.E.P	REQI	JIR	EMENT		SPECIFIC	ATIONS	
Cold Ø 34" Hot Ø 34" Waste Ø 2" Waste Ø 2" ELECTRIC:	PLUME	BING	:					
Hot Ø 34.* Waste Ø 2" ELECTRIC:	Cold	Ø	3⁄4′	"				
ELECTRIC : A removable wire sieve baskets for cleaning of the grinding tank. De watering press can be turned 90 deg to enable discharge in any three directions. Gas: Fully opened double wall insulted wing doors for total access to all components over the full length of the machine. Powerful grinding mechanism with tungsten carbide teeth. Sanitization Stainless steel housing of the de- watering press is easily opened to access to perforated sleeve screen. Warm water rinsing system, prevents the blocking of the perforated sleeve screen through vigorous rinsing at the determined intervals, and all round cleanliness and hygienic standards. Waste water of the wet garbage unit has to be led through Grease trap according to DIN 4040. Protection class IP X5. ACCESSORIES: Drain Pump, Power cord, Standard Accessories.		Ø		"			, , , , , , , , , , , , , , , , , , , ,	
Power 8.7 K.W Voltage 440-50-3 Gas:		~				• Ar	emovable wire sieve baskets for cleaning of the	
Voltage 440-50-3 Gas:	ELECTI	RIC :	•			griı	nding tank.	
Gas: Fully opened double wall insulted wing doors for total access to all components over the full length of the machine. Con. Ø NA Ø NA mm Con. Ø NA Ø NA mm • Powerful grinding mechanism with tungsten carbide teeth. • Sanitization Stainless steel housing of the de- watering press is easily opened to access to perforated sleeve screen. • Warm water rinsing system, prevents the blocking of the perforated sleeve screen through vigorous rinsing at the determined intervals, and all round cleanliness and hygienic standards. • Waste water of the wet garbage unit has to be led through Grease trap according to DIN 4040. • Protection class IP X5.	Power		8.7	7 K.W				
BTU NA Con. Ø NA mm · Powerful grinding mechanism with tungsten carbide teeth. · Sanitization Stainless steel housing of the de- watering press is easily opened to access to perforated sleeve screen. · Warm water rinsing system, prevents the blocking of the perforated sleeve screen. · Warm water rinsing system, prevents the blocking of the determined intervals, and all round cleanliness and hygienic standards. · Waste water of the wet garbage unit has to be led through Grease trap according to DIN 4040. · Protection class IP X5.	Voltage 440-50-3		discharge in any three directions.					
 Powerful grinding mechanism with tungsten carbide teeth. Sanitization Stainless steel housing of the de- watering press is easily opened to access to perforated sleeve screen. Warm water rinsing system, prevents the blocking of the perforated sleeve screen through vigorous rinsing at the determined intervals, and all round cleanliness and hygienic standards. Waste water of the wet garbage unit has to be led through Grease trap according to DIN 4040. Protection class IP X5. 			NA			acc	tess to all components over the full length of the	
ACCESSORIES: press is easily opened to access to perforated sleeve screen. Protection Class IP X5. Protection class IP X5.	Con.		Ø	NA	mm	• Po\	werful grinding mechanism with tungsten carbide teeth.	
ACCESSORIES: perforated sleeve screen through vigorous rinsing at the determined intervals, and all round cleanliness and hygienic standards. • Waste water of the wet garbage unit has to be led through Grease trap according to DIN 4040. • Protection class IP X5.						press is easily opened to access to perforated sleeve		
ACCESSORIES: Drain Pump, Power cord, Standard Accessories.						perforated sleeve screen through vigorous rinsing at the determined intervals, and all round cleanliness and		
ACCESSORIES: Drain Pump, Power cord, Standard Accessories.								
						Protection class IP X5.		
	ACCESSORIES: Drain Pump, Power cord, Standard Accessories.					o, Power cord, Standard Accessories.		
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SPECIAL NOTE:			
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER			
МЕІКО			
AZP80			

ITEM NO : K-52					SLOT CHANNEL / DRAIN RAIL		
QUANTITY: 2 SIZE Width: Depth: H				Height:			
1500 m	ım	!	50+200	mm	70 mm		
CAPAC	CITY						
M.E.P	REQ	UIR	EMENT		SPECIFIC	ATIONS	
PLUM	BING	6:			Channel	<u>s</u> :	
Cold	Ø	NA	۹.		Material:	2mm. thick Stainless Steel Grade: 304 Pickle	
Hot	Ø	NA	۹.			d. Levelling bolts to adjust height. Inclusive of foul air	
Waste	Ø		Floor ain		trap, silt l	basket, drainage ring (O-ring)	
ELECT	RIC		airi		steel grad	Gully: Corrosion protected deep-drawn gully body stainless steel grade 304. Pickle Passivated. Gully body outer diameter is	
Power		NA	4		178mm, \	with vertical outlet size 110 mm diameters.	
Voltage	5	NA	4		Grating for Gully top: Anti-slip electro-polished stainless steel grating, with load bar size 30mm X 2mm.Load Class L, according to EN1253. Gratings are made by arc-welding (not spot welding)		
Gas:		<u> </u>					
BTU		NA	A				
Con.		Ø	NA	mm	Stainless	Side bottom Inlets :50mm Socketed Side inlet made of Stainless Steel & EPDM seal for taking indirect waste from surrounding kitchen equipment if any.	
ACCES	SOR	IES	6:			eavy waste water via in-direct drainage from food uipment and kitchen floor.	
ti				the size of	Modular structure for gratings with smaller individual grating to fit the size of the channel to avoid work injury from being too heavy to bulky to handle		
			Locatio	n/number of	e drain connection. Requires floor cut-out and recess. drain pipes from food service equipments to be		
PREFE	RRE	DM	IAKE AN	ID MO	DEL IN ALPI	HABETICAL ORDER	
ACO							
CUSTOM BUILT							

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ITEM NO : K-55		DRAIN TROUGH GRATING	
QUANTITY: SIZE	2		
Width: Depth: Height: 2000 mm 300 mm 70 mm CAPACITY Image: Capacity matrix Image: Capacity matrix		70 mm SPECIFICATIONS	
Hot Ø Waste Ø ELECTRIC : Power	NA A NA 4″ Floor Drain NA	 RemovableS.S Grating of 304 Of suitable size with 25 mm height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. Spot welding not to be used. 	
	NA mm	 To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site. 	
ACCESSORI		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain systemTrough to be provided as per the flooring type coming at site.	

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER				
ACO	BLUCHER	DSS		
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT		

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	Depth: 300 mm	Height:
Width:D2500 mm3CAPACITY		
	EMENT	70 mm SPECIFICATIONS
PLUMBING : Cold Ø NA Hot Ø NA Waste Ø 4" Dra Dra ELECTRIC : NA Voltage NA Gas: NA Con. Ø Í Ø Í Ø Í NA Con. Ø	Floor ain	 RemovableS.S Grating of 304 0f suitable size with 25 mm height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site.
ACCESSORIES		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain systemTrough to be provided as per the flooring type coming at site.

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER				
ACO	BLUCHER	DSS		
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT		

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ITEM NO : K-56	DRAIN TROUGH GRATING	
QUANTITY: 39 SIZE		
Width: Depth: 3000 mm 300 mm CAPACITY M.E.P REQUIREMENT PLUMBING : Cold Ø	Height: 70 mm SPECIFICATIONS • RemovableS.S Grating of 304 0f suitable size with 25 mm height.	
Hot Ø NA Waste Ø 4" Floor Drain Drain	 Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the 	
Power NA Voltage NA Gas:	 other. Minimum Point Load: 150 kg per square meter. Spot welding not to be used. 	
BTU NA Con. Ø NA mn	 To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. 	
	 Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site. 	
ACCESSORIES:	Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system	
SPECIAL NOTE:	Trough to be provided as per the flooring type coming at site.	

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PREFERRED MAKE ANI	D MODEL IN ALPHABETICAL	ORDER
ACO	BLUCHER	DSS
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT

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ITEM NO : K-57		DRAIN TROUGH GRATING		
QUANTITY: 12 SIZE				
	epth:	Height:		
	0 mm	70 mm		
M.E.P REQUIRE	MENT	SPECIFICATIONS		
PLUMBING :		RemovableS.S Grating of 304 0f suitable size with 25 mm height.		
Cold Ø NA				
Hot Ø NA		Grating with hairline finishing.		
Waste Ø 4" Fl Drain		 Grating with 5mm thick for outside ring, 3mmthick for interior section, 		
ELECTRIC :		Grating has to be slip-resistant for one side, Plain on the other.		
Power NA				
Voltage NA		Minimum Point Load: 150 kg per square meter.		
Gas:		• Spot welding not to be used.		
BTU NA	NA mm	 To be made in one piece/ parts to make it suitable for lifting 		
Con. Ø	NA mm	• 70 mm Trough to be made with 16 Gauge AISI 304 SS.		
		• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.		
		• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.		
		• Trough has to be fully welded with no gaps.		
		• Suitable to be for fitting with type of flooring coming at site.		
ACCESSORIES:		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system		
SPECIAL NOTE:		Trough to be provided as per the flooring type coming at site.		

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PREFERRED MAKE ANI	D MODEL IN ALPHABETICAL	ORDER
ACO	BLUCHER	DSS
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT

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QUANTITY:	24	
Width: Depth: H		Height: 70 mm SPECIFICATIONS
Hot Ø I Waste Ø I ELECTRIC : Power I Voltage I Gas: BTU I	NA INA MA	 RemovableS.S Grating of 304 Of suitable size with 25 mm height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at
ACCESSORI		site. Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system Trough to be provided as per the flooring type coming at site.

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PREFERRED MAKE ANI	D MODEL IN ALPHABETICAL	ORDER
ACO	BLUCHER	DSS
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT

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ITEM NO : K	K-60	DRAIN TROUGH GRATING		
QUANTITY:	1			
Width: Depth: H		Height: 70 mm		
Hot Ø Waste Ø ELECTRIC :		 SPECIFICATIONS RemovableS.S Grating of 304 0f suitable size with 25 mm height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. 		
Gas:	NA NA Ø NA mm	 Minimum Point Load: 150 kg per square meter. Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site. 		
ACCESSORI		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system Trough to be provided as per the flooring type coming at site.		

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PREFERRED MAKE ANI	D MODEL IN ALPHABETICAL	ORDER
ACO	BLUCHER	DSS
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT

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ITEM NO: K-63					١	WASTE REMOVAL TABLE			
QUAN	ΓΙΤΥ	: 1							
SIZE									
Wid	th:		Dept	า:	Height:				
5825,			610 mm		900 mm				
mm (V					(Verify)	ŏ			
CAPACITY									
M.E.P	REQ	UIR	EMENT		SPECIFICA	TIONS			
PLUMBING :									
Cold	Ø				• #14 Ga. S.S. Top.				
Hot	Ø				All sid	es marine Edges.			
Waste	Ø				• 150m	m High splash against wall. Location as per plan.			
ELECT	RIC	:			• Top secured 38mm x 38mm x 3mm Thick S.S. welded				
Power					angle frame work.				
Voltage					• 38mm Dia S.S. legs. With adjustable bullet feet.				
Gas:				 25mm Dia S.S. pipe cross bracing welded to legs at all 					
BTU	NA			sides	sides.				
Con.		Ø	NA	mm					
ACCES	SOR	IES	:	1					
SPECI	SPECIAL NOTE:								

ITEM I	: 01	K-63A		FLUSHING TROUGH
QUAN	ГІТҮ	: 1		Tentative Image
SIZE Width: Depth: 5225, 3250 240 mm mm (Verify) CAPACITY			Height: 205 mm	
M.E.P	REQ	UIREMENT		SPECIFICATIONS
PLUMBING : • S Cold Ø ½" • V Hot Ø NA • F Waste Ø 4" Floor Drain • F ELECTRIC : Power 0.5 H.P. • T Voltage NA • T BTU NA • T			mm	With pump for waste removal.
ACCESSORIES:				
	RRE	D MAKE AN		DEL IN ALPHABETICAL ORDER

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ITEM NO : SK-02				DRAIN TROUGH GRATING		
QUANTITY: 3				guinness and a second se		
SIZE						
Width:		Depth:	ŀ	Height:		
3000 mm	l	300 mm	7	70 mm		
CAPACIT	ΓY					
M.E.P RE	QUI	REMENT		SPECIFICATIONS		
PLUMBI	NG :			RemovableS.S Grating of 304 0f suitable size with 25 mm height.		
Cold Ø	Ø N	A		Grating with hairline finishing.		
Hot Ø		A				
Waste Ø		ŀ″ Floor Drain		Grating with 5mm thick for outside ring, 3mmthick for interior section,		
ELECTRI	(C :			Grating has to be slip-resistant for one side, Plain on the other.		
Power	٢	NA				
Voltage NA			Minimum Point Load: 150 kg per square meter.			
Gas:			Spot welding not to be used.			
BTU Con.	1	NA Ø NA	mm	 To be made in one piece/ parts to make it suitable for lifting 		
Con.	Ý		11111	• 70 mm Trough to be made with 16 Gauge AISI 304 SS.		
				• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.		
				• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.		
				• Trough has to be fully welded with no gaps.		
				• Suitable to be for fitting with type of flooring coming at site.		
ACCESSO	ORIE	S:		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system		
SPECIAL	NO'	TE:		Trough to be provided as per the flooring type coming at site.		

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER						
ACO	BLUCHER	DSS				
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT				

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ITEM NO : SK-03						EXHAUST HOOD (SINGLE PLENUM)	
QUANTITY: 1SIZEWidth:DepthHeight:12500 mm2100 mm555 mmCAPACITY							
M.E.P	REQ	UIF	REMEN	г	SPECIFICAT	TIONS	
PLUM	BING	; :				rnal and internal parts to be manufactured in SS	
Cold	Ø	NA	٩		304		
Hot	Ø	1″			• Fully	welded joints	
Waste	Ø	2″	1		 Should have removable, washable SS grease filters washed automatically with hot water and detergen 		
ELECTRIC :Power0.5 K.W (for light)Voltage220V-50C- 1Phase		 nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to 					
EXHAU	JST		5630 C (Veri		 Should have IP65 Electrical fittings 		
GAS:			•		• Wirir	g should be in heat resistant conduits	
BTU Con.		Ø		mm	 To be provided with adjustment Dampers To be suspended on ceiling with hanger rods. 		
ACCE	ssoi	RIE	S:		Accessories f	or installation & operation.	
drawing						s to be coordinated with HVAC consultant. Shop plan, elevation and section to be submitted for	

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PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER						
GAYLORD	HALTON	VIANEN				
	KWI					

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ITEM NO : SK-03A					FIRE	SUPPRESSION SYSTEM				
QUAN	QUANTITY: 1									
SIZE	SIZE									
Width:		I	Depth:		eight:	jht:				
12500 ı	mm		2100 mn	n !	55 mm					
CAPAC	ÎTY									
M.E.P	REQ	UIR	EMENT		SPECIFICATION	S				
PLUME	BING					complete PIRANHA® automatic, water- vet chemical, fire suppression				
Cold	Ø	1″			 Should press 	ovide 100% protection as required by codes,				
Hot	Ø	NA	١		-	national, state, and local requirements.				
Waste	Ø	NA	\		water ass	sted wet chemical suppression system(s)				
ELECT	RIC	:			With a ma	nual pull station to be located in a path of				
Power		15	Amp		egress.					
Voltage	9	22	0-50-1		• With fusible links in each exhaust duct and above each					
Gas:					appliance or groups of appliances protected by a single nozzle.					
BTU Con.		Ø	NA	mm		opriate sized $(1'', 1'/_4'', 1'/_2'', \text{ or } 2'')$ lockable ball connection to the domestic water supply.				
					• With stain	less steel pipe drops to the discharge nozzles.				
					With conn	ection to the building fire alarm system				
					-	n, including all of its components, shall be UL 300/ ULC Standard ORD-C1254.6 Listed.				
					• The wet c	hemical shall be PRXÒ Liquid Fire Suppressant.				
					• The syste actuation.	n shall be capable of manual and automatic				
					 Automatic actuation shall be initiated by separation of fusible links. Shall include a means of manual release and provisions for fuel shutoff. 					
					Wet chem	ical fire extinguisher shall be provided.				
ACCES	SOR	IES	:		Unit installed with	all Standard Accessories.				
	COLDEN TEMPLE AMPLITSAD Dags 76sf 152									

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SPECIAL NOTE:		
PREFERRED MAKE ANI	D MODEL IN ALPHABETICAL	ORDER
ANSUL	AMEREX	BUCKEYE
PIRANHA	КР	BFR

ITEM NO : 9	5K-04		DRAIN TROUGH GRATING			
QUANTITY: SIZE	1					
Width:	Depth:	Height:				
1500 mm	300 mm	70 mm				
	500 1111	, o mm				
M.E.P REQU	JIREMENT	SPECIF	TCATIONS			
PLUMBING	:		RemovableS.S Grating of 304 0f suitable size with 25 mm			
Cold Ø	NA		height.			
Hot Ø	NA	•	Grating with hairline finishing.			
Waste Ø	4" Floor Drain		Grating with 5mm thick for outside ring, 3mmthick for interior section,			
ELECTRIC :			Grating has to be slip-resistant for one side, Plain on the other.			
Power	NA					
Voltage	NA		Minimum Point Load: 150 kg per square meter.			
Gas:		•	 Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 			
BTU	NA					
Con.	Ø NA r	nm •	70 mm Trough to be made with 16 Gauge AISI 304 SS.			
			Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.			
			• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.			
		•	Trough has to be fully welded with no gaps.			
			Suitable to be for fitting with type of flooring coming at site.			
ACCESSORIES: Silt Basket into drain			et, With NBR infill (Polymer fill for bend), O ring for fitting in system			
SPECIAL NOTE: Trough to b			to be provided as per the flooring type coming at site.			

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER						
ACO	BLUCHER	DSS				
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT				

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ITEM NO : SK-07							SLOT CHANNEL / DRAIN RAIL		
QUAN	QUANTITY: 1								
SIZE									
Width:	Width: Depth: H			Height:	eight:				
1500 m	m	ļ	50+200	mm	70 mm				
CAPAC	CITY								
M.E.P	REQ	UIR	EMENT		SPECI	FIC	ATIONS		
PLUME	BING	; :			Chan	nels	5:		
Cold	Ø	NA	۱.		Materi	ial:	2mm. thick Stainless Steel Grade: 304 Pickle		
Hot	Ø	NA					d. Levelling bolts to adjust height. Inclusive of foul air basket, drainage ring (O-ring)		
Waste	Ø		Floor ain		Gully	: Co	rrosion protected deep-drawn gully body stainless		
ELECT	RIC	:			-	steel grade 304. Pickle Passivated. Gully body outer diameter is 178mm, with vertical outlet size 110 mm diameters.			
Power		NA	<u> </u>						
Voltage	2	NA				Grating for Gully top: Anti-slip electro-polished stainless steel grating, with load bar size 30mm X 2mm.Load Class L, according to EN1253. Gratings are made by arc-welding (not spot welding) Side bottom Inlets :50mm Socketed Side inlet made of			
Gas:		<u> </u>							
BTU		NA	١		Side				
Con.		Ø	NA	mm			Steel & EPDM seal for taking indirect waste from ng kitchen equipment if any		
Function	on	1		J		To drain heavy waste water via in-direct drainage from food service equipment and kitchen floor.			
					the size	e of	ructure for gratings with smaller individual grating to fit the channel to avoid work injury from being too heavy handle		
					n/number		drain connection. Requires floor cut-out and recess. Irain pipes from food service equipments to be		
PREFE	PREFERRRED MAKE AND MODEL IN ALP					ALF	PHABETICAL ORDER		
ACO									
CUSTO)M B	UIL	т						

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ITEM NO	: SK-	09		FLUSHING HOSE UNIT			
QUANTIT CUSTOM		T		OH B			
SIZE							
Length: 15 Mts. Hose ree		Depth:	Height:				
CAPACIT	Y						
M.E.P RE	QUIR	EMENT	SPECIFICA	TIONS			
PLUMBIN	NG :		Heav	y duty Cast bronze Mixer Body, Suitable for mixing hot			
Cold	Ø	3⁄4″	& col	d water			
Hot	Ø	3⁄4″	• S.S. s	stud bolts for grouting to wall at 1650 A.F.F.			
Waste	Ø	NA	• 15 M	15 MT. Dunlop Hose Reel with brass nozzle.			
ELECTRI	С:		• Heav	y duty S.S. rod rack for winding hose when not use			
Power	NA						
Voltage	NA						
EXHAUST	Г						
NA							
GAS:							
BTU	NA						
Con.	Ø	NA					
ACCESS	ORIES	5:					
SPECIAL	NOTE	:	All Sheet / F	Pipe S.S. 304 Grade Pre-polished Plastic Coated.			
ITEM NO : SK-10				DRAIN TROUGH GRATING			
QUANTITY: 1							
SIZE							
Width:		Depth:	Height:				
550 mm	5	550 mm	70 mm	° ° è é			

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CAPACITY						
M.E.P REQU	UIREMENT	SPECIF	ICATIONS			
PLUMBING : Cold Ø NA Hot Ø NA Wast Ø 4" Floor Parin Drain Image: Constant of the second secon		mm •	height. Grating with ha Grating with 5m interior section, Grating has to b other. Minimum Point Spot welding no To be made in o lifting 70 mm Trough Trough to be pr per site with all Drain out let of flanges of 40 m floor drain. Trough has to b	nm thick for outside ring, 3mmthick for be slip-resistant for one side, Plain on the Load: 150 kg per square meter.		
ACCESSOR	IES:		ket, With NBR in in system	fill (Polymer fill for bend), O ring for fitting		
SPECIAL N	OTE:	Trough	to be provided a	as per the flooring type coming at site.		
PREFERRE	PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER					
ACO		BLUCHER		DSS		
CUSTOM B	UILT	CUSTOM BUI	LT	CUSTOM BUILT		

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ITEM NO : SK-12			DRAIN TROUGH GRATING				
QUANTITY:	: 2						
SIZE							
Width:	Depth:	ŀ	Height:				
3000 mm	300 mm	7	70 mm				
CAPACITY							
M.E.P REQU	JIREMENT		SPECIFICATIONS				
PLUMBING	:		RemovableS.S Grating of 304 0f suitable size with 25 mm height.				
Cold Ø	NA		Grating with hairline finishing.				
Hot Ø	NA						
Waste Ø	4" Floor Drain		Grating with 5mm thick for outside ring, 3mmthick for interior section,				
ELECTRIC :			 Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. 				
Power	NA						
Voltage	NA						
Gas:			 Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 				
BTU Con.	NA Ø NA	mm					
Con.	ØNA	mm	• 70 mm Trough to be made with 16 Gauge AISI 304 SS.				
			• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.				
			• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.				
			• Trough has to be fully welded with no gaps.				
			• Suitable to be for fitting with type of flooring coming at site.				
			Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system				
SPECIAL NOTE: Trou			Trough to be provided as per the flooring type coming at site.				

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER						
ACO	BLUCHER	DSS				
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT				

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ITEM N	NO :	СК-02			ONION PEELING MACHINE	
QUAN	ГІТҮ	: 1				
SIZE						
Width:		Depth:		Height:		
4980 m	Im	1200 mr		950+1160 mm		
CAPAC	ITY	Loading	: 7 Kg.		1/2/10/1/ 10/1/	
		Peeling :	Peeling : 2 Minut			
M.E.P	REQ	UIREMENT		SPECIFIC	ATIONS	
PLUME	BING	:		• All	construction of 304 grade stainless steel.	
Cold	Ø	3⁄4″		• Fee	et in aluminium.	
Hot	Ø	NA		• Fee	eding hopper with safety micro switch.	
Waste	Ø	3″ Dr-		- • Pro	duct discharge opening with operator's guard.	
ELECT	DIC	Waste		• The	• The motor protected against power overload.	
	NIC .			Peeling disk directly coupled to the motor.		
Power		0.75 K.W.				
Voltage	2	440.50.3 P	'n	_	ernal cylinder to collect & convey skins to the drain.	
Gas:				• Uni	t with Sorting Table & Conveyor Belt	
BTU		NA	T	_		
Con.		Ø NA	mm		•	
ACCES				Skin collect	Ion filter	
SPECIAL NOTE:						
PREFERRED MAKE AND MODEL IN ALPH					ABETICAL ORDER	
NILMA						
808020	MAXIM – 80802000+83402094+ 83303200					

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ITEM NO : 0	СК-03		DRAIN TROUGH GRATING			
QUANTITY:	7					
SIZE						
Width:	Depth:	ł	leight:			
1500 mm	300 mm	7	70 mm			
CAPACITY						
M.E.P REQU	JIREMENT		SPECIFICATIONS			
PLUMBING	:		RemovableS.S Grating of 304 0f suitable size with 25 mm height.			
Cold Ø	NA		Grating with hairline finishing.			
Hot Ø	NA					
Waste Ø	4″ Floor Drain		Grating with 5mm thick for outside ring, 3mmthick for interior section,			
ELECTRIC :			 Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. 			
Power	NA					
Voltage	NA					
Gas:			Spot welding not to be used.			
BTU Con.	NA Ø NA	mm	 To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. 			
Con.	ØNA	mm				
			• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.			
			• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.			
			• Trough has to be fully welded with no gaps.			
			• Suitable to be for fitting with type of flooring coming at site.			
ACCESSOR	IES:		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system			
SPECIAL N	OTE:		Trough to be provided as per the flooring type coming at site.			

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
ACO	BLUCHER	DSS					
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT					

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ITEM NO : CK-06		GARLIC PEELER
QUANTITY: 1		
SIZE		
Width: Depth:		Height:
470 mm 595 mm	n g	900 mm
CAPACITY Loading	ı : 5 Kg.	
Peeling	Time : 2	-3 Minutes.
M.E.P REQUIREMEN	т	SPECIFICATIONS
PLUMBING :		All construction of 304 grade stainless steel.
Cold Ø ¾″		Feet in aluminium.
Hot Ø NA		Transparent plastic Lid.
Waste Ø 3" Dr-		Safety micro switch.
Waste		 Product outlet door with safety guard and closing handle.
ELECTRIC :		
Power 0.4 K.W.		Geared motor protected against power overload.
Voltage 440.50.3	Ph	SS Peeling disk directly coupled to the motor.
Gas:		Machine to convey skins to the drain.
BTU NA		
Con. Ø NA	mm	
ACCESSORIES:		
SPECIAL NOTE:		
PREFERRED MAKE A	ND MOD	DEL IN ALPHABETICAL ORDER
NILMA		
BOXER		

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ITEM NO : CK-07			DRAIN TROUGH GRATING			
QUANTITY	: 1		guinne and a second sec			
SIZE						
Width:	Depth:	ł	leight:			
2000 mm	300 mm	7	70 mm			
CAPACITY						
M.E.P REQ	UIREMENT		SPECIFICATIONS			
PLUMBING	6:		RemovableS.S Grating of 304 0f suitable size with 25 mm height.			
Cold Ø	NA					
Hot Ø	NA		Grating with hairline finishing.			
Waste Ø	4" Floor Drain		Grating with 5mm thick for outside ring, 3mmthick for interior section,			
ELECTRIC	:		 Grating has to be slip-resistant for one side, Plain on the other. 			
Power	NA		 Minimum Point Load: 150 kg per square meter. Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 			
Voltage	NA					
Gas:						
BTU Con.	NA Ø NA	mm				
Con.		mm	• 70 mm Trough to be made with 16 Gauge AISI 304 SS.			
			• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.			
			• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.			
			• Trough has to be fully welded with no gaps.			
			• Suitable to be for fitting with type of flooring coming at site.			
ACCESSOR	IES:		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system			
SPECIAL N	IOTE:		Trough to be provided as per the flooring type coming at site.			

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
ACO	BLUCHER	DSS					
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT					

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ITEM N	NO: 0	СК-08			MASALA GRINDER (TILTING)		
QUANT	TITY	: 1					
SIZE							
Width:		Depth:		Height:			
1000 m	m	1000 m	m	1680 mm			
CAPAC	ITY	40 liter	s in 30	min			
M.E.P	REQI	JIREMENT		SPECIFIC	ATIONS		
PLUME	BING	:					
Cold	Ø	½″ Purified	mm	Conventional 40 liters capacity wet grinder,Grinder capacity of 40 liters.			
Hot	Ø	NA	mm	• Tv	win roller construction minimizes spillage		
Waste	Ø	NA	mm	• Ve	ertical construction makes them occupy less space		
ELE	ECTR	IC :		• Ur	nit with wet grinder in stainless steel Wired		
Power		3.0 H.P					
Voltage	•	440v.50c.3	BP				
Gas	s:						
BTU		NA					
Con.		Ø	mm				
ACCES	SOR	IES:		• Pc	ower cord , Coconut Scraper		
SPECIAL NOTE:							
PREFE	RREI	D MAKE AN	D MOE	EL IN ALPH	ABETICAL ORDER		
TRIDE	NT E	NGINEERS		R	AJALAKSHMI		
MUG 4	000						

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ITEM NO : CK-09				DRAIN TROUGH GRATING		
QUANT	ITY:	2				
SIZE						
Width:		Depth:	ł	Height:		
3000 mm	n	300 mm	7	70 mm		
CAPACI	TY					
M.E.P R	EQU	IREMENT		SPECIFICATIONS		
PLUMBI	[NG :	:		RemovableS.S Grating of 304 0f suitable size with 25 mm height.		
Cold	Ø	NA		Grating with hairline finishing.		
	~	NA				
Waste		4" Floor Drain		Grating with 5mm thick for outside ring, 3mmthick for interior section,		
ELECTR	IC :			 Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. 		
Power		NA				
Voltage		NA				
Gas:				Spot welding not to be used.		
BTU Con.		NA Ø NA	mm	 To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. 		
COII.						
				• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.		
				• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.		
				• Trough has to be fully welded with no gaps.		
				• Suitable to be for fitting with type of flooring coming at site.		
ACCESS	ORI	ES:		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system		
SPECIA	L NO	TE:		Trough to be provided as per the flooring type coming at site.		

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
ACO	BLUCHER	DSS					
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT					

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ITEM NO : C	K-10			VEG WASHER		
QUANTITY:	1					
SIZE						
Width:	Depth:		Height:			
4470 mm	1150 mm		1797 mm	-		
CAPACITY						
M.E.P REQU	IREMENT		SPECIFICA	TIONS		
PLUMBING				ling frame made of 18/10 tubolar stainless steel ported by legs adjustable in height.		
Cold Ø 1-				omatic control of water level in the washing drum.		
Hot Ø N	4					
-	``1/2 Dr- 'aste		 Washing drum equipped w/ water nozzles and perforate manually removable for cleaning. 			
ELECTRIC :			• Product unloading belt operated by a geared motor. And			
Power 7.	35 K.W.		also, side edges and bottom grating manually removable for cleaning.			
Voltage 44	10.50.3 Ph		Rinse sprayers fed w/ water from the mains, equipped			
Gas:			with	solenoid valve controlled by the unloading belt ration.		
BTU N			• Cou	nter –drum divided in two sections, 1 st & 2 nd washing,		
Con. Ø	NA	mm				
			VVILI	n drain pipe.		
ACCESSORI	ES:					
SPECIAL NO	TE:					
PREFERRED	MAKE AN	D MOE	EL IN ALPH	ABETICAL ORDER		
NILMA						
ATIRMATIC	700					

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ITEM	NO :	СК-	11				VEG CUTTER MACHINE	
QUAN	ΤΙΤΥ	': 1						
SIZE								
Width:	Width: Depth:			Height:				
1770 m	nm	(671 mm		1519 mm			
CAPACITY								
M.E.P	REQ	UIR	EMENT		SPECIFIC	ATIONS		
PLUMI	BING	6:				-	ustable speed conveyor & conveyed	
Cold	Ø	1-:	1/2″				ife by pressing belt located above the inle	
Hot	Ø	NA	١				also be effectively used in the fresh cut w/ the Atimatic washer or for the	
Waste	Ø		Dr-		preparation of seafood salads.			
			aste		• Co	Control panel w/ on/off control, power indicator, and		
ELECT	RIC	•			emergency stop.Safety guards on infeed conveyor on product discharge			
Power		7.3	35 K.W.					
Voltage	5	22	0.50.1 P	h	and on mechanical parts casing.			
Gas:					• Ou	tput from 20	00 to 4000kg/h.	
BTU		NA	١					
Con.		Ø	NA	mm				
ACCES	ACCESSORIES:					- resistance to 2 nd 2 to 80n	treated stainless steel blades 1st from 0.5 mm.	
					4 s/s whee	ls (2 fixed &	2 2 castors with brake)	
SPECIAL NOTE:								
PREFE	RRE	DM	AKE AN	ID MO	DEL IN ALPH	HABETICAL	ORDER	
NILMA	A							
TVN 2	TVN 202							

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ITEM NO :CK-12					POTATO PEELER		
QUAN	ΊΤΥ	: 1			Tentative Imag		
SIZE Width:		Depth:		Height:			
5400 m	m	1310 mm	I	2270 mm			
CAPAC	ITY	200 Kgs	I		e		
M.E.P	REQ	UIREMENT		SPECIFICA	TIONS		
PLUME	-				evator for double versions made of 18/10 satin-finished ainless steel.		
Cold Hot	Ø	³ ⁄4″ NA		• Eq	uipped with feeding hopper with pre-washing system.		
Waste	Ø	2″		• Po	tato finishing vat, 4 or 6/8-ststions, made of satin- ished 18/10 stainless steel.		
ELECT	RIC			 Cutting boards made of non-toxic material, with waste drop opening & underlying disposal bin. Double –discharge elevator equipped with an air-operated 			
Power		2.6 H.P.					
Voltage		440.50.3					
EXHAU	IST				oduct, diverting device.		
NA				• [0	w voltage control board including : power on light,		
GAS:				loa	ding programmer, peeling programmer, potato peeler		
BTU		NA			art button, elevator start button, cycle stop button, anual/automatic selector for door opening.		
Con.		Ø NA m	nm	1110	indal/automatic selector for door opening.		
ACCES	SSOF	RIES:					
SPECI	AL N	OTE:					
PREFERRRED MAKE AND MODEL IN NILMA PIONEER K/30 DOUBLE				ODEL IN ALF	PHABETICAL ORDER		
(BI-DI	REC	TIONAL LIN	NE)				

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ITEM N	: 01	СК	-14			SLOT CHANNEL / DRAIN RAIL			
QUAN	ΓΙΤΥ	: 2							
SIZE									
Width:			Depth: H		Height:				
1500 mm			50+200 mm		70 mm				
CAPAC	ITY								
M.E.P	REQ	UII	REMENT		SPECIFI	CATIONS			
PLUME	BING	; :			Channe	<u>ls</u> :			
Cold	Ø	N	A		Material:	2mm. thick Stainless Steel Grade: 304 Pickle			
Hot	Ø	N	A		Passivate	ed. Levelling bolts to adjust height. Inclusive of foul air			
Waste	Ø		" Floor		trap, silt	basket, drainage ring (O-ring)			
			Drain			Gully: Corrosion protected deep-drawn gully body stainless			
ELECTRIC :					_	steel grade 304. Pickle Passivated. Gully body outer diameter is 178mm, with vertical outlet size 110 mm diameters.			
Power		N	NA						
Voltage	Voltage N		A		-	Grating for Gully top: Anti-slip electro-polished stainless steel grating, with load bar size 30mm X 2mm.Load Class L,			
Gas:					according	according to EN1253. Gratings are made by arc-welding (not			
BTU		N	A		spot weig	spot welding)			
Con.		Ø	NA	mm		ttom Inlets : 50mm Socketed Side inlet made of s Steel & EPDM seal for taking indirect waste from			
					surround	ling kitchen equipment if any.			
ACCESSORIES:				I		To drain heavy waste water via in-direct drainage from food service equipment and kitchen floor.			
SPECI	AL N	ΟΤ	E:			Modular structure for gratings with smaller individual grating to fit			
					the size of the channel to avoid work injury from being too heavy to bulky to handle				
-						e drain connection. Requires floor cut-out and recess.			
coordinated with MEP Consultan						drain pipes from food service equipments to be			
PREFERRED MAKE AND MOD					DEL IN ALP	HABETICAL ORDER			
ACO									
CUSTO	M B	UI	LT						
				1					

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Cold Ø NA height. Hot Ø NA Grating with hairline finishing. Waste Ø 4" Floor Drain Grating with Smm thick for outside ring, 3mmthick for interior section, ELECTRIC : Grating has to be slip-resistant for one side, Plain on the other. Power NA Minimum Point Load: 150 kg per square meter. Voltage NA Minimum Point Load: 150 kg per square meter. BTU NA Minimum Point Load: 150 kg per square meter. Con. Ø NA Minimum Point Load: 150 kg per square meter. Con. Ø NA Minimum Point Load: 150 kg per square meter. Con. Ø NA mm 70 mm Trough to be used. Trough to be provided with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site.	ITEM NO : CK-16					DRAIN TROUGH GRATING		
Width: Depth: Height: 550 mm 550 mm 70 mm CAPACITY SPECIFICATIONS M.E.P REQUIREMENT SPECIFICATIONS PLUMBING: RemovableS.S Grating of 304 0f suitable size with 25 mm height. Grating with hairline finishing. Grating with hairline finishing. Grating with Smm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site. ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting	QUANTITY: 2							
S50 mm S50 mm 70 mm CAPACITY SPECIFICATIONS M.E.P REQUIREMENT SPECIFICATIONS PLUMBING : · RemovableS.S Grating of 304 0f suitable size with 25 mm height. Cold Ø NA · · Grating with hairline finishing. Hot Ø NA · · Grating with Smm thick for outside ring, 3mmthick for interior section, ELECTRIC : ·	SIZE							
CAPACITY M.E.P REQUIREMENT SPECIFICATIONS PLUMBING:	Width:		0	Depth:		Height:		
M.E.P REQUIREMENT SPECIFICATIONS PLUMBING : RemovableS.S Grating of 304 0f suitable size with 25 mm height. Cold Ø NA	550 mn	n	5	550 mm		70 mm		
PLUMBING: • RemovableS.S Grating of 304 0f suitable size with 25 mm height. Cold Ø NA Hot Ø NA Waste Ø 4" Floor Drain Waste Ø 4" Floor Drain ELECTRIC:	CAPAC	ITY						
Cold Ø NA	M.E.P	REQ	UIR	EMENT		SPECIFICATIONS		
Cold Ø NA Grating with hairline finishing. Hot Ø NA Grating with hairline finishing. Waste Ø 4" Floor Drain Grating with Smm thick for outside ring, 3mmthick for interior section, ELECTRIC:	PLUME	BING	i :			 RemovableS.S Grating of 304 0f suitable size with 25 mm beight. 		
Hot Ø NA Grating with 5mm thick for outside ring, 3mmthick for interior section, Waste Ø 4" Floor Drain - Grating with 5mm thick for outside ring, 3mmthick for interior section, ELECTRIC : - NA - - Grating has to be slip-resistant for one side, Plain on the other. Power NA - - Minimum Point Load: 150 kg per square meter. - Gas: - - Spot welding not to be used. - - BTU NA - - - Spot welding not to be used. - Con. Ø NA - - - To be made in one piece/ parts to make it suitable for lifting - Con. Ø NA - - - - - Con. Ø NA - - - - - - Con. Ø NA - - - - - - Con. Ø NA - - - - - - Con. Ø NA - -	Cold	Ø	NA					
Index Interior section, Interior section, Interior section, Interior sector section, Interior sector section, Interior sector section, Interior sector section, Interior sector sector section, <	Hot	Ø	NA					
Power NA other. Voltage NA Minimum Point Load: 150 kg per square meter. Gas: Spot welding not to be used. Spot welding not to be used. BTU NA To be made in one piece/ parts to make it suitable for lifting Con. Ø NA mm Con. Ø NA mm Oruge NA mm 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site. ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting	Waste	Ø						
Voltage NA Minimum Point Load: 150 kg per square meter. Gas: Spot welding not to be used. Spot welding not to be used. BTU NA To be made in one piece/ parts to make it suitable for lifting Con. Ø NA mm Voltage NA mm 70 mm Trough to be made with 16 Gauge AISI 304 SS. Drain out let of the trough to bave 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting	-	RIC						
Gas:						Minimum Point Load: 150 kg per square meter.		
BTU NA To be made in one piece/ parts to make it suitable for lifting Con. Ø NA mm Con. Ø NA mm To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS. Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. To brain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site. ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting				L .		 Spot welding not to be used. 		
Diric INT lifting Con. Ø NA mm 70 mm Trough to be made with 16 Gauge AISI 304 SS. • Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Image: Provide the strength of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Image: Provide the strength of the trough to be for fitting with type of flooring coming at site. ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting			1					
ACCESSORIES: • 70 mm Trough to be made with 16 Gauge AISI 304 SS. • 70 mm Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. • Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. • Trough has to be fully welded with no gaps. • Suitable to be for fitting with type of flooring coming at site. Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting					mm			
ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting				• 70 mm Trough to be made with 16 Gauge AISI 304 SS.				
ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting								
ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting						flanges of 40 mm depth and 100 mm dia. for entry in the		
ACCESSORIES: Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting						• Trough has to be fully welded with no gaps.		
						Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system		
SPECIAL NOTE: Trough to be provided as per the flooring type coming at site.	SPECI	AL N	OTE	:		Trough to be provided as per the flooring type coming at site.		

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PREFERRED MAKE	AND MODEL IN ALPHABET	ICAL ORDER	
ACO	BLUCHER	DSS	
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT	

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ITEM I	NO :	СК-22	HOT BAIN MARIE COUNTER FOR FOOD HOLDING			
QUAN	ΤΙΤΥ	: 7	Tentative Image			
CUSTO	ом в	UILT				
SIZE			and the second s			
Width: Depth:		Depth:	Height:			
1830 mm		1220 mm	850mm			
CAPACITY						
M.E.P	REQ	UIREMENT	SPECIFICATIONS			
PLUM	BING	i:	 2.0mm thick S.S. Top. 150mm high rear splash. Top and body secured to 50mm x 50mm x 3mm thick S.S. welded angle frame work. 			
Cold	Ø	NA				
Hot	Ø	1/2″				
Waste	Waste Øright Z'' Waste connect to grating		 One no. approx 1525 mm x 1015mm x 550mm deep, 2.0mm thick S.S. S.S. Bain Marie complete with water inlet 			
ELECT	RIC	:	outlet , heating element, 50 mm thick glass wool insulation.			
Power		6.0 K.W	 Electrical panel complete with thermostat, on off switch & light indicator. 250mm high, Six (06) 50mm Dia S.S. legs. With adjustable bullet feet. Low water automatic shut – off valve. 			
Voltage		440-50-3				
EXHAL	JST					
NA						
GAS:						
		NA	All sides 1.2mm thick S.S. cladding.			
Con. 🖉 NA mm		⊘ NA mm	 Two (02) no. 760mm x 1015mm x 450mm deep 1.2mm thick SS Pan with heat resistant handle and lid 			
ACCES						
SPECI	AL N	OTE:	All Sheet / Pipe S.S. 304 Grade Pre-polished Plastic Coated.			

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QUANTITY: 2 SIZE Width: Depth: 600 mm 300 mm CAPACITY M.E.P REQUIREMENT PLUMBING : Cold NA Hot NA	1 7	Height: 70 mm SPECIFICATIONS • RemovableS.S Grating of 304 0f suitable size with 25 mm			
Width: Depth: 600 mm 300 mm CAPACITY	1 7	70 mm			
600 mm 300 mm CAPACITY	1 7	70 mm			
CAPACITY M.E.P REQUIREMENT PLUMBING : Cold NA		SPECIFICATIONS			
M.E.P REQUIREMENT					
PLUMBING : Cold NA	r 				
Cold NA		RemovableS.S Grating of 304 0f suitable size with 25 mm			
		height.			
Hot NA		Grating with hairline finishing.			
Waste 4" Floor Drain		 Grating with 5mm thick for outside ring, 3mmthick for interior section, 			
ELECTRIC :		 Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. 			
Power NA					
Voltage NA Gas:		Spot welding not to be used.			
BTU NA		 To be made in one piece/ parts to make it suitable for lifting 			
Con. NA mm		• 70 mm Trough to be made with 16 Gauge AISI 304 SS.			
		• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.			
		• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.			
		• Trough has to be fully welded with no gaps.			
		• Suitable to be for fitting with type of flooring coming at site.			
ACCESSORIES:		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system			
SPECIAL NOTE:		Trough to be provided as per the flooring type coming at site.			

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER								
ACO	BLUCHER	DSS						
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT						

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ITEM NO :	СК-24		CHAPATI HOLDING TUBS	
QUANTITY:	4		Tentative Image	
SIZE				
Width:	Depth:	Height:		
1230 mm	1030 mm	820 mm	The second se	
CAPACITY	660 Liter			
M.E.P REQU	IREMENT	SPECIFICA	TIONS	
PLUMBING	:	• Insu	lated body with insulated SS lid with handle.	
Cold Ø Hot Ø Waste Ø ELECTRIC : Power Voltage EXHAUST NA GAS: BTU Con.	NA NA NA Ø	- stora	ellent insulation maintains uniform temperature for age. ienic, easy to clean & wash. Strong & durable.	
ACCESSOR				
SPECIAL NO				
PREFERRE	MAKE AND MO	DEL IN ALPH	ABETICAL ORDER	
NILKAMAL		CA	MBRO	
RIFT - 660				

QUANTITY: 4 SIZE Width: Dep 3000 mm 300 CAPACITY M.E.P REQUIREM	th: mm	Height: 70 mm		
Width: Dep 3000 mm 300 CAPACITY M.E.P REQUIREM				
3000 mm 300 CAPACITY M.E.P REQUIREM				
CAPACITY M.E.P REQUIREM	mm	70 mm		
M.E.P REQUIREM				
PLUMBING :	ENT	SPECIFICATIONS		
		RemovableS.S Grating of 304 0f suitable size with 25 mm height.		
ColdNAHotNA		Grating with hairline finishing.		
Waste 4" Floo Drain	or	Grating with 5mm thick for outside ring, 3mmthick for interior section,		
ELECTRIC :		Grating has to be slip-resistant for one side, Plain on the other.		
Power NA		 Minimum Point Load: 150 kg per square meter. 		
Voltage NA Gas:		Spot welding not to be used.		
BTU NA	0 mm	 To be made in one piece/ parts to make it suitable for lifting 		
Con. NA mm		• 70 mm Trough to be made with 16 Gauge AISI 304 SS.		
		• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.		
		• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.		
		• Trough has to be fully welded with no gaps.		
		• Suitable to be for fitting with type of flooring coming at site.		
ACCESSORIES:		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system		

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SPECIAL NOTE:	Trough to be pro	wided as per the flooring type coming at site.							
PREFERRED MAKE AN	PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER								
ACO	BLUCHER	DSS							
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT							

Tentative In SIZE Width: Depth: Height: mm - mm - mm CAPACITY SPECIFICATIONS M.E.P REQUIREMENT SPECIFICATIONS PLUMBING : Cold NA Hot NA Hot NA Waste NA ELECTRIC : Power Power NA Voltage NA EXHAUST NA NA GAS: BTU NA Con. NA MA Con. NA SPECIAL NOTE: PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER		ATTA KNEADING TROLLEY	ITEM NO :CM-02					
Width: Depth: Height: m - mm Image: mage: m	nage	Tentative Imag		QUANTITY: 3				
mm - mm CAPACITY - mm ME.P REQUIREMENT SPECIFICATIONS PLUMBINE : SPECIFICATIONS Cold NA 0 Hot NA 0 Hot NA 0 Waste NA 0 ELECTRIC : - - Power NA 0 - NA - 0 - - SetHAUST NA - - - GAS: - - - - BTU NA - - - - ACCESSORIES: I - - - SPECIAL NOTE: I - - - PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER - - -		TTO MARTINE T		SIZE				
CAPACITY SPECIFICATIONS M.E.P REQUIREMENT SPECIFICATIONS PLUMBING : Cold NA Cold NA Hot NA Hot NA Waste NA ELECTRIC : Power NA Yoltage NA FULMBUNG : GAS: BTU NA GAS: BTU NA Con. NA ACCESSORIES: SPECIAL NOTE: PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER			Height:		Width: Depth:		Width:	
M.E.P REQUIREMENT SPECIFICATIONS PLUMBING : SPECIFICATIONS Cold NA Cold NA Cold NA Hot NA Cold Waste NA Cold Vaste NA Cold Power NA Cold NA Cold NA GAS: Cold NA BTU NA Cold ACCESSORIES: SPECIAL NOTE: SPECIAL NOTE: VOIDEL IN ALPHABETICAL ORDER			- mm		- mm		mm	
PLUMBING :: - - - Part of Item No. CM-35. Cold NA - - - Hot NA - - - Waste NA - - - Waste NA - - - ELECTRIC : - - - - Power NA - - - Voltage NA - - - NA - - - - - BTU NA mm - - - ACCESSORIES: - - - - - SPECIAL NOTE: - - - - - PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER - - - -		PE2-10F					CAPACITY	
Cold NA Image: Cold of the co		TIONS	SPECIFICA	т	REMENT	REQUI	M.E.P F	
Hot NA Image: Constraint of the second		rt of Item No. CM-35.	• Pa			BING :	PLUMB	
Waste NA Image: Constraint of the second of the secon					A	٩	Cold	
ELECTRIC : Power NA Voltage NA EXHAUST EXHAUST NA MA GAS: GAS: BTU NA Con. NA NA mm ACCESSORIES: SPECIAL NOTE: SPECIAL NOTE: VOLTAGE					A	Ч	Hot	
Power NA Voltage NA EXHAUST Image: Control of the control				Waste NA				
Voltage NA EXHAUST Image: Construction of the second of the s						RIC :	ELECTE	
EXHAUST NA GAS: BTU NA Con. NA ACCESSORIES: SPECIAL NOTE: SPECIAL NOTE: SPECIAL NOTE: PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER				Power NA				
NA GAS: BTU NA Con. NA ACCESSORIES: SPECIAL NOTE: SPECIAL NOTE:					A	• N	Voltage	
GAS: BTU NA BTU NA mm Con. NA mm ACCESSORIES: SPECIAL NOTE: SPECIAL NOTE: PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER						IST	EXHAU	
BTU NA mm Con. NA mm ACCESSORIES: SPECIAL NOTE: SPECIAL NOTE: SPECIAL NOTE: SPECIAL NOTE: SPECIAL NOTE: PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER SPECIAL ORDER							NA	
Con. NA mm ACCESSORIES: SPECIAL NOTE: Image: Content of the second							GAS:	
ACCESSORIES: SPECIAL NOTE: PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					A	٩	BTU	
SPECIAL NOTE: PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER				mm	NA		Con.	
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					ES:	SSORI	ACCES	
				SPECIAL NOTE:				
CAPLAIN CAPLAIN		PHABETICAL ORDER	IODEL IN ALI	AND M) MAKE A	RRREI	PREFE	
						IN	CAPLA	

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ITEM NO: CM	1-04		COMPLETE CHAPATI BOXES		
QUANTITY: 6			Tentative Image		
SIZE					
Width:	Depth:	Height:			
500 mm	325 mm	300 mm			
CAPACITY	14 Liter (appro	х)			
M.E.P REQUIR	REMENT	SPECIFICA	TIONS		
PLUMBING :		Crate	es are made from Food Grade HDPE.		
Cold Ø N	IA A	• Inno	vatively designed large capacity heavy duty.		
Hot Ø N	IA	• Hygi	 Hygienic, easy to clean & wash. 		
Waste Ø N	IA	Strong & durable.			
ELECTRIC :		-			
Power N	IA	-			
Voltage N	IA	-			
EXHAUST					
NA					
GAS:		-			
BTU N	IA				
Con. Ø NA					
ACCESSORIES	S:				
SPECIAL NOT	E:				
Qty as per ope	erator.				
PREFERRED M	IAKE AND MOI	DEL IN ALPH	ABETICAL ORDER		
NILKAMAL					
CH 53300					

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ITEM NO : C	M-15	GRIDDLE PLATE		
QUANTITY: 2 MAKE :CUSTO SIZE				
Width:	Depth:	Height:		
6600 mm	1800 mm	600mm		
CAPACITY				
M.E.P REQUI	REMENT	SPECIFICATIONS		
Hot Ø N Waste Ø N ELECTRIC : Power N	A A A	 For construction detail refer standard shop drawing no. : - HPG/FD/46. Equipment built in eight (08) section, Each section size 1650mm x 900mm x 600mm high. Full width x full depth x 20mm thick M.S. plate with 25mm x 25mm "V" edges at all sides. Equipment body secured 50mm x 50mm x 3mm thick S.S. welded angle frame work. Exterior 1.2mm thick S.S. cladding. 		
GAS:		Each section two no. grease collecting drawer.		
BTU 280,000ea. section Con. Ø ³ ⁄4″		 Each section Four (04) no. "V" type H.P. burner rated at 70,000 btu's with pilot lamp. Auto Ignition. Flame failure device. Each section Six (06) 38mm dia x 1.6mm thick S.S. tubular pipe legs with S.S. adjustable bullet feet. 		
ACCESSORIE	S:			
SPECIAL NOT	'E:	All Sheet / Pipe S.S. 304 Grade Pre-polished Plastic Coated.		

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	CM-16		EXHAUST HOOD (SINGLE PLENUM)		
QUANTITY: SIZE	1				
Width: Depth			Height:		
7200 mm	2400 mr	m	555 mm		
CAPACITY					
M.E.P REQU	JIREMENT	Г	SPECIFICATIONS		
PLUMBING	:		• External and internal parts to be manufactured in SS		
Cold	NA		304		
Hot	1″		Fully welded joints		
Waste	2"		 Should have removable, washable SS grease filters. Filters 		
ELECTRIC :			washed automatically with hot water and detergent via		
Power 0.5 K.W (for light)		or	 nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to 		
Voltage 220V-50C- 1Phase		-			
EXHAUST	7657 CFM (Verify)		provide 500 lux of light through-out the hoodShould have IP65 Electrical fittings		
GAS:			 Wiring should be in heat resistant conduits 		
BTU	NA		 To be provided with adjustment Dampers 		
Con.		mm	 To be provided with adjustment bampers To be suspended on ceiling with hanger rods. 		
ACCESSORIES: Access			Accessories for installation & operation.		
SPECIAL NOTE:			HVAC Cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.		

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PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
GAYLORD	HALTON	VIANEN			
	KWI				

ITEM NO : CM-16A			FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
QUANTIT	Y: 1				
SIZE OF E	EXHAUST HO	DOD			
Width:	Depth	Height:			
7200 mm 2400 mm		n 555 mm			
M.E.P RE	QUIREMENT	SPEC	CIFICATIONS		
PLUMBING :			rovide a complete PIRANHA® automatic, water- assisted,		
Cold1"HotNAWasteNA		W	et chemical, fire suppression		
			standards, national, state, and local requirements.		
ELECTRIC	C:	• W	 water assisted wet chemical suppression system(s) 		
Power 15 Amp		• W	With a manual pull station to be located in a path of egress.With fusible links in each exhaust duct and above each		
Voltage 220-50-1					
EXHAUST			appliance or groups of appliances protected by a single nozzle.		
GAS:			 With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply. With stainless steel pipe drops to the discharge nozzles. 		
BTU NA		• W			
Con. NA		• \\	/ith connection to the building fire alarm system		
			he system, including all of its components, shall be UL tandard 300/ ULC Standard ORD-C1254.6 Listed.		
		• T	he wet chemical shall be PRXÒ Liquid Fire Suppressant.		
			he system shall be capable of manual and automatic ctuation.		
			utomatic actuation shall be initiated by separation of usible links.		
			hall include a means of manual release and provisions for uel shutoff.		
		• W	• Wet chemical fire extinguisher shall be provided.		
ACCESSO	RIES:	Unit i	nstalled with all Standard Accessories.		
SPECIAL	NOTE:				
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PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER						
ANSUL	AMEREX	BUCKEYE				
PIRANHA	КР	BFR				

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epth 100 mm MENT K.W (for ht) V-50C- Phase	toughened glass, LED indicator of Accu flow system,		
K.W (for ht)	SPECIFICATIONS • External and internal parts to be manufactured in SS 304 • Fully welded joints • Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. • Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system,		
K.W (for ht)	 External and internal parts to be manufactured in SS 304 Fully welded joints Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, 		
K.W (for ht)	 External and internal parts to be manufactured in SS 304 Fully welded joints Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, 		
ht) V-50C-	 304 Fully welded joints Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, 		
ht) V-50C-	 Fully welded joints Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, 		
ht) V-50C-	 Should have removable, washable SS grease filters. Filters washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, 		
ht) V-50C-	 washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, 		
ht) V-50C-	 nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, 		
	 Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, 		
	Appropriate of numbers of Flashed incandescent, with heat		
657 CFM (Verify)	 Should have IP65 Electrical fittings Wiring should be in heat resistant conduits 		
	To be provided with adjustment Dampers		
mm	To be suspended on ceiling with hanger rods.		
	Accessories for installation & operation.		
	HVAC Cutouts to be coordinated with HVAC consultant. Shop drawing with plan, elevation and section to be submitted for approval.		

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PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
GAYLORD	HALTON	VIANEN			
	KWI				

ITEM NO : (CM-17A		FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
QUANTITY: 1 SIZE OF EXHAUST HOOD					
Width:	Depth	Height:			
7200 mm	2400 mm	555 mm			
M.E.P REQU	JIREMENT	SPECIF	CATIONS		
PLUMBING	1"		 Provide a complete PIRANHA® automatic, water- assisted, wet chemical, fire suppression 		
Hot Waste	NA NA		ld provide 100% protection as required by codes, lards, national, state, and local requirements.		
ELECTRIC :		• wate	 water assisted wet chemical suppression system(s) 		
Power	Power 15 Amp		 With a manual pull station to be located in a path of egress. With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle. With appropriate sized (1", 1¼", 1½", or 2") lockable ball valve for connection to the domestic water supply. 		
Voltage EXHAUST	-				
GAS:	GAS:				
BTU	NA	• With	stainless steel pipe drops to the discharge nozzles.		
Con.	Con. NA		• With connection to the building fire alarm system		
			system, including all of its components, shall be UL dard 300/ ULC Standard ORD-C1254.6 Listed.		
		• The	vet chemical shall be PRXÒ Liquid Fire Suppressant.		
		• The s	system shall be capable of manual and automatic ation.		
			matic actuation shall be initiated by separation of le links.		
			include a means of manual release and provisions for shutoff.		
		• Wet	chemical fire extinguisher shall be provided.		
ACCESSORI	IES:	Unit insta	Illed with all Standard Accessories.		

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SPECIAL NOTE:					
PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
ANSUL	AMEREX	BUCKEYE			
PIRANHA	КР	BFR			

ITEM NO : CM-23					GRIDDLE PLATE	
QUANTITY: 2						
MAKE	:CUS	STOM BU	ILT			
SIZE					<u></u>	
Wid	th:	De	pth:	Height:		
4200	mm	900) mm	865mm		
CAPAC	CITY					
M.E.P	REQ	UIREME	NT	SPECIFICAT	TIONS	
PLUME	BING	i :			construction detail refer standard shop drawing no. : -	
Cold	Ø	NA		- HPG	G/FD/46.	
Hot	Ø	NA		 Equipment built in Three (03) section, Each section size 1400mm x 900mm x 865mm high. 		
Waste	Ø	NA		 Full width x full depth x 20mm thick M.S. plate with 25mm x 		
ELECT	RIC	•		25mm "V" edges at all sides.		
Power NA		 Equipment body secured 50mm x 50mm x 3mm thick S.S. welded angle frame work. 				
Voltage		NA				
EXHAU	JST				rior 1.2mm thick S.S. cladding.	
NA				• Each	n section two no. grease collecting drawer.	
GAS:				• Each section Four (04) no. "V" type H.P. burner rated at		
BTU 280,000ea. section		70,000 btu's with pilot lamp.				
Con. Ø ³ ⁄4″		Auto Ignition.				
				• Flame	ne failure device.	
					n section Six (06) 38mm dia x 1.6mm thick S.S. tubular legs with S.S. adjustable bullet feet.	
				• 25mr	m x 25mm S.S. square pipe under shelf.	
ACCES	SSOF	RIES:				
SPECI	AL N	OTE:		All Sheet / P	Pipe S.S. 304 Grade Pre-polished Plastic Coated.	

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ITEM NO :	CM-24			EXHAUST HOOD (SINGLE PLENUM)		
QUANTITY SIZE Width:	Depth		Height:			
4245 mm	1200 mr	n	555 mm			
CAPACITY				A Contraction of the second		
M.E.P REQ	UIREMENT	•	SPECIFICAT	TIONS		
PLUMBING	G :			rnal and internal parts to be manufactured in SS		
Cold	NA		304			
Hot	1⁄2″		Fully welded joints			
Waste	Vaste 2"		Should have removable, washable SS grease filters. Filters			
ELECTRIC :			washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate			
Power 0.5 K.W (for light)		or	control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection.			
Voltage 220V-50C- 1Phase			 Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to 			
EXHAUST	2324 CF (Verify		 provide 500 lux of light through-out the hood Should have IP65 Electrical fittings Wiring should be in heat resistant conduits 			
GAS:						
BTU	NA		• To be	e provided with adjustment Dampers		
Con.		mm		e suspended on ceiling with hanger rods.		
ACCESSO	ACCESSORIES:			or installation & operation.		
SPECIAL NOTE:				s to be coordinated with HVAC consultant. Shop plan, elevation and section to be submitted for		

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PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
GAYLORD	HALTON	VIANEN			
	KWI				

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ITEM NO : CM-24A QUANTITY: 1			FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
SIZE OF EX	KHAUST HOOD				
Width:	Depth	Height:			
4245 mm	1200 mm	555 mm			
M.E.P REQ	UIREMENT	SPECIFI	CATIONS		
PLUMBING	6:		de a complete PIRANHA® automatic, water- assisted,		
Cold	1″	wet	chemical, fire suppression		
Hot	NA		Id provide 100% protection as required by codes, Jards, national, state, and local requirements.		
Waste	NA				
ELECTRIC	:	• wate	 water assisted wet chemical suppression system(s) 		
Power	15 Amp	• With	• With a manual pull station to be located in a path of egress.		
Voltage EXHAUST			 With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle. 		
GAS:			appropriate sized (1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", or 2") lockable ball for connection to the domestic water supply.		
BTU	NA	• With	With stainless steel pipe drops to the discharge nozzles.		
Con.	NA	• With	connection to the building fire alarm system		
			system, including all of its components, shall be UL dard 300/ ULC Standard ORD-C1254.6 Listed.		
		• The	wet chemical shall be PRXÒ Liquid Fire Suppressant.		
			system shall be capable of manual and automatic ation.		
			matic actuation shall be initiated by separation of le links.		
			include a means of manual release and provisions for shutoff.		
		• Wet	chemical fire extinguisher shall be provided.		

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ACCESSORIES:	Unit installed with all Standard Accessories.						
SPECIAL NOTE:	IAL NOTE:						
PREFERRRED MAKE AND M	PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER						
ANSUL	AMEREX	BUCKEYE					
PIRANHA	КР	BFR					

ITEM NO : 0	CM-26			EXHAUST HOOD (SINGLE PLENUM)	
QUANTITY: SIZE	1				
Width:	Depth		Height:		
5070 mm	1200 mi	m	555 mm		
CAPACITY					
M.E.P REQU	JIREMENT	r	SPECIFICA	TIONS	
PLUMBING	:		• Exte	rnal and internal parts to be manufactured in SS	
Cold	NA		304		
Hot	1⁄2″		• Fully	welded joints	
Waste	2″			ld have removable, washable SS grease filters. Filters	
ELECTRIC :				ned automatically with hot water and detergent via les. The mixing of the detergent is within a separate	
Power	light)		 control cabinet. The dirty mixture shall be removed from the canopy by a direct drain connection. Appropriate of numbers of Flashed incandescent, with heat toughened glass, LED indicator of Accu flow system, fluorescent light with IP 55 rating, diffusing glass, to 		
Voltage					
EXHAUST	2746 CF (Verif		provide 500 lux of light through-out the hoodShould have IP65 Electrical fittings		
GAS:			• Wirir	g should be in heat resistant conduits	
BTU	NA			e provided with adjustment Dampers	
Con.		mm		e suspended on ceiling with hanger rods.	
ACCESSORIES:		Accessories f	or installation & operation.		
SPECIAL NOTE:			s to be coordinated with HVAC consultant. Shop plan, elevation and section to be submitted for		

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PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER				
GAYLORD HALTON VIANEN				
	KWI			

ITEM NO : CM-26A			FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD		
QUANTITY	<i>'</i> : 1				
SIZE OF EX	XHAUST HOOD		*		
Width:	Depth	Height:			
5070 mm	1200 mm	555 mm			
M.E.P REQ	UIREMENT	SPECIFI	CATIONS		
PLUMBING	G :		de a complete PIRANHA® automatic, water- assisted, chemical, fire suppression		
Hot Waste	NA NA		 Should provide 100% protection as required by codes, standards, national, state, and local requirements. 		
ELECTRIC	:	• wate	r assisted wet chemical suppression system(s)		
Power	15 Amp	• With	• With a manual pull station to be located in a path of egress.		
Voltage EXHAUST	-		 With fusible links in each exhaust duct and above each appliance or groups of appliances protected by a single nozzle. 		
GAS:			appropriate sized (1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", or 2") lockable ball for connection to the domestic water supply.		
BTU	NA	 With 	 With stainless steel pipe drops to the discharge nozzles. 		
Con.	NA	• With	connection to the building fire alarm system		
			system, including all of its components, shall be UL dard 300/ ULC Standard ORD-C1254.6 Listed.		
		• The	wet chemical shall be PRXÒ Liquid Fire Suppressant.		
		• The s	system shall be capable of manual and automatic ation.		
			matic actuation shall be initiated by separation of le links.		
			include a means of manual release and provisions for shutoff.		
		• Wet	chemical fire extinguisher shall be provided.		

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ACCESSORIES:	Unit installed with all Standard Accessories.						
SPECIAL NOTE:	IAL NOTE:						
PREFERRRED MAKE AND M	PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER						
ANSUL	AMEREX	BUCKEYE					
PIRANHA	КР	BFR					

ITEM NO : CM-27					CHAPATI CONVEYOR BELT		
	TTTV						Tantation Income
_	QUANTITY: 1					Tentative Image	
	SIZE : AS PER LAYOUT						
Width:	Width: Depth:		Height:				
CAPAC					_		
M.E.P	REQL	JIR	EMENT		SPEC	FIC	ATIONS
PLUM	BING	:			•	Un	it shall consist of plastic mesh belt.
Cold Hot		NA NA			•	-	p & return side of belt separated by a full sheet metal pan with access panels to the return track below.
Waste		NA			•		ve frame all- welded with ss angle 41mm dia 153mm
ELECT	RIC :					high SS legs & SS adjustable bullet feet.	h SS legs & SS adjustable bullet feet.
Power			•	• Drive frame shall be fitted with an 1.27 mm SS housing enclose drive frame on all sides. Double wall insulated			
Voltage 220.50.1 Ph			hinged doors provide for access at side or end of frame, sealed with silicon.				
Gas:						 Variable speed 0.75 HP motor & gear reducer. 	
BTU		NA			•		
Con.			NA	mm	•		ovide 1.98mm SS bed formed with vertical & horizontal ners coved to a 19.5 mm radius.
					•		ovide lift-off SS skirting to conceal and provide safety rier located where conveyor is exposed.
					•		ovide Main Control Center containing main disconnect, rt-stop, speed control, and indicating lights.
ACCES	SOR	IES	:	1			
SPECI	SPECIAL NOTE:						
PREFE	RREI	ЭΜ	AKE AN	ND MO	DEL IN A	LPH	ABETICAL ORDER

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AEROWERKS	
CUSTOM BUILT	

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ITEM NO : O	214-20		EXHAUST HOOD (SINGLE PLENUM)	
QUANTITY: SIZE Width:	3 Depth	Height:		
3200 mm	1600 mm	555 mm		
CAPACITY				
M.E.P REQU	IREMENT	SPECIFICAT	TIONS	
PLUMBING	:	• Exte	rnal and internal parts to be manufactured in SS	
Cold	NA	304		
Hot	1⁄2″	• Fully	welded joints	
Waste	2″	• Shou	ld have removable, washable SS grease filters. Filters	
ELECTRIC : Power 0.5 K.W (for		nozz conti	washed automatically with hot water and detergent via nozzles. The mixing of the detergent is within a separate control cabinet. The dirty mixture shall be removed from	
Voltage	light) 220V-50C- 1Phase	Appro toug fluor	canopy by a direct drain connection. propriate of numbers of Flashed incandescent, with heat ghened glass, LED indicator of Accu flow system, prescent light with IP 55 rating, diffusing glass, to vide 500 lux of light through-out the hood	
EXHAUST	6000 CFM (Verify)		Should have IP65 Electrical fittings	
GAS:		• Wirin	g should be in heat resistant conduits	
BTU	NA		-	
Con.	mm		e provided with adjustment Dampers e suspended on ceiling with hanger rods.	
ACCESSORIES:		Accessories fo	or installation & operation.	
SPECIAL NO	DTE:		s to be coordinated with HVAC consultant. Shop plan, elevation and section to be submitted for	

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PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER				
GAYLORD HALTON VIANEN				
	KWI			

ITEM NO : CM-28A		FIRE SUPPRESSION SYSTEM FOR EXHAUST HOOD	
QUANTITY: 3 SIZE OF EXHAUST HOOD			
Width: Depth	Height:		
3200 mm 1600 mm	555 mm		
M.E.P REQUIREMENT	SPECIFI	CATIONS	
PLUMBING :		de a complete PIRANHA® automatic, water- assisted, hemical, fire suppression	
Cold 1"			
Hot NA Waste NA		ld provide 100% protection as required by codes, lards, national, state, and local requirements.	
ELECTRIC :	• water	r assisted wet chemical suppression system(s)	
Power 15 Amp	With a manual pull station to be located in a path of egress.With fusible links in each exhaust duct and above each		
Voltage 220-50-1			
EXHAUST	applia nozzl	ance or groups of appliances protected by a single e.	
GAS:		appropriate sized (1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", or 2") lockable ball for connection to the domestic water supply.	
BTU NA	• With stainless steel pipe drops to the discharge nozzles.		
Con. NA	• With	connection to the building fire alarm system	
		system, including all of its components, shall be UL lard 300/ ULC Standard ORD-C1254.6 Listed.	
	• The wet chemical shall be PRXÒ Liquid Fire Suppressant.		
	• The s actua	system shall be capable of manual and automatic tion.	
		natic actuation shall be initiated by separation of e links.	
		include a means of manual release and provisions for hutoff.	
	Wet of	chemical fire extinguisher shall be provided.	
ACCESSORIES:	Unit insta	lled with all Standard Accessories.	

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SPECIAL NOTE:						
PREFERRRED MAKE AND M	PREFERRRED MAKE AND MODEL IN ALPHABETICAL ORDER					
ANSUL	AMEREX	BUCKEYE				
PIRANHA	КР	BFR				

ITEM NO	: CM	-31			BOWL LIFTER TROLLEY				
QUANTITY	Y: 1				Tentative Image				
SIZE									
Width:		Depth:		Height:					
1520 mm		1625 m	m	2920 mm					
CAPACITY	CAPACITY 1800 mm High			ELCONG					
M.E.P REQ	QUIF	REMENT	ſ	SPECIFIC	ATIONS				
PLUMBIN	G :			• Ca	rbon steel structure.				
Cold	N	4		Stainless steel safety bar					
Hot	N	4		Hydraulic cylinder for lifting and lowering upto 1800 mm.					
Waste	N	4		 Safety valve for lowering in case of pressure failure. Electromechanical control panel. 					
ELECTRIC	•								
Power	1.	5 K.W.			it with wheels.				
Voltage	44	10.50.3 I	Ph		it with wheels.				
Gas:									
BTU	N	4		-					
Con.		NA	mm	-					
ACCESSO	RIES	5:							
SPECIAL I	τον	E:							
	EDN	1AKE A		DEL IN ALPH	IABETICAL ORDER				
CAPLAIN									

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ITEM NO :	CM-35		PLANETARY DOUGH KNEADER
QUANTITY	: 1		E
SIZE			Contraction of the second s
Width:	Depth:		Height:
1380 mm	1820 mr	n	1475 mm
CAPACITY	CAPACITY Bowl – 297 Ltrs.		Teneo de
M.E.P REQU	JIREMENT	•	SPECIFICATIONS
PLUMBING	:		2 motors,
Cold Hot Waste ELECTRIC : Power Voltage Gas: BTU Con.	<pre>½2" purified NA NA 8.0 K.W. 440.50.3 F NA NA</pre>	Ph mm	 2 speed, Synchronized tool and bowl Timer Drawn and removable stainless steel bowl Stainless steel tool. 9 Programs. Digital control Panel Manual or automatic control. SS raising safety grid. Anti strain travelling wheel bowl
ACCESSOR	IES:		
SPECIAL N	OTE:		
PREFERREI	D MAKE AI	ND MOI	DEL IN ALPHABETICAL ORDER
CAPLAIN			
PE240FE-C	Α		

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ITEM NO : CM-36						SLOT CHANNEL / DRAIN RAIL				
QUANTITY: 2										
SIZE										
Width: Depth:				Height:	eight:					
3000 m	nm	5	0+200 r	nm	70 mm					
САРАС	TTY									
MED		ITD	EMENT		SPECIFIC	CATIONS				
PLUME	BING	:			Channel	<u>IS</u> :				
Cold		NA			Material:	2mm. thick Stainless Steel Grade: 304 Pickle				
Hot		NA				Passivated. Levelling bolts to adjust height. Inclusive of foul air				
Waste		4″ I Dra	Floor		trap, siit	basket, drainage ring (O-ring)				
FLECT			1111		_	Gully: Corrosion protected deep-drawn gully body stainless				
ELECT	RIC :				Ŭ	 steel grade 304. Pickle Passivated. Gully body outer diameter is 178mm, with vertical outlet size 110 mm diameters. Grating for Gully top: Anti-slip electro-polished stainless steel grating, with load bar size 30mm X 2mm.Load Class L, according to EN1253. Gratings are made by arc-welding (not spot welding) 				
Power		NA								
Voltage	è	NA			-					
Gas:					-					
BTU		NA			spot weic					
Con.			NA	mm		com Inlets : 50mm Socketed Side inlet made of				
						Steel & EPDM seal for taking indirect waste from ing kitchen equipment if any.				
ACCES	SOR	IFS	•		To drain h	eavy waste water via in-direct drainage from food				
ACCES						service equipment and kitchen floor.				
SPECI	AL NO	OTE	:		Modular st	Modular structure for gratings with smaller individual grating to fit				
						the size of the channel to avoid work injury from being too heavy				
						to bulky to handle				
			-			e drain connection. Requires floor cut-out and recess.				
Refer to WPR drawings.Location, coordinated with MEP Consultan						drain pipes from food service equipments to be				
					-					
PREFE	RRE	D M	AKE AN	D MO	DEL IN ALP	HABETICAL ORDER				
ACO										
CUSTO)M BL	JIL	Г							
L				1						

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ITEM I	NO :	CM-37			FLOUR SIFTER		
QUAN	TITY	: 1			·		
Width:		Depth		Height:			
635 mn		1120 ı		1570 mm			
CAPAC							
M.E.P	REQI	UIREMEI	NT	SPECIFIC	ATIONS		
PLUME	BING	i:					
Cold		½″ purified			ainless Steel Body. oduction : 50 Kg./Hr.		
Hot		NA			-		
Waste		NA		— ● He	Heavy duty castors with breaks.		
ELECT	RIC						
Power		0.75 K.V	V	-			
Voltage	è	440-50-	3Ph.				
Gas:							
BTU		NA					
Con.		NA	mm	-			
ACCES	SOR	IES:	I				
SPECI	AL N	OTE:					
PREFE	RRE	D MAKE	AND MO	DEL IN ALPH	HABETICAL ORDER		
CAPLA	IN						
TF50K	,						

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ITEM NO	: CM-40		SLOT CHANNEL / DRAIN RAIL				
QUANTI	ΓY: 1						
SIZE							
Width:	Depth:	Height:					
1500 mm	50+200 mm	70 mm					
	CAPACITY						
	QUIREMENT	SPECIFIC	CATIONS				
PLUMBI	NG :	Channel	<u>s</u> :				
Cold	NA	Material:	2mm. thick Stainless Steel Grade: 304 Pickle				
Hot Waste	NA 4" Floor		Passivated. Levelling bolts to adjust height. Inclusive of foul air trap, silt basket, drainage ring (O-ring)				
waste	Drain		Gully: Corrosion protected deep-drawn gully body stainless				
ELECTRI	C :	steel grad	 steel grade 304. Pickle Passivated. Gully body outer diameter is 178mm, with vertical outlet size 110 mm diameters. Grating for Gully top: Anti-slip electro-polished stainless steel grating, with load bar size 30mm X 2mm.Load Class L, according to EN1253. Gratings are made by arc-welding (not spot welding) Side bottom Inlets :50mm Socketed Side inlet made of 				
Power	NA						
Voltage	NA	-					
Gas:		according					
BTU	NA						
Con.	NA mm	Stainless	Stainless Steel & EPDM seal for taking indirect waste from surrounding kitchen equipment if any.				
ACCESSO	ORIES:		To drain heavy waste water via in-direct drainage from food service equipment and kitchen floor.				
SPECIAL	NOTE:		ructure for gratings with smaller individual grating to fit the channel to avoid work injury from being too heavy handle				
Refer to V	•	on/number of	e drain connection. Requires floor cut-out and recess. drain pipes from food service equipments to be				
PREFERF	RED MAKE AND M	ODEL IN ALP	HABETICAL ORDER				
ACO							
CUSTOM	BUILT						
·	I						

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ITEM NO : C	M-45	DRAIN TROUGH GRATING
QUANTITY:	6	
Width: 550 mm CAPACITY	Depth: 550 mm	Height: 70 mm
Hot Ø Waste Ø ELECTRIC: Power Voltage BTU		 SPECIFICATIONS RemovableS.S Grating of 304 Of suitable size with 25 mm height. Grating with hairline finishing. Grating with 5mm thick for outside ring, 3mmthick for interior section, Grating has to be slip-resistant for one side, Plain on the other. Minimum Point Load: 150 kg per square meter. Spot welding not to be used. To be made in one piece/ parts to make it suitable for lifting 70 mm Trough to be made with 16 Gauge AISI 304 SS.
ACCESSORI	ES:	 Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet. Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain. Trough has to be fully welded with no gaps. Suitable to be for fitting with type of flooring coming at site.
SPECIAL NO	TE:	into drain system Trough to be provided as per the flooring type coming at site.

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
ACO	BLUCHER	DSS					
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT					

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ITEM NO : CM	I-46			VEG PICK-UP TROLLEY			
QUANTITY: 2				Tentative Image			
MAKE :CUSTO	M BUIL	.T					
SIZE				1			
Width:	Dep	oth:	Height:				
1200 mm	900	mm	850	(1)			
CAPACITY							
M.E.P REQUIR	EMENT	ſ	SPECIFICAT	TIONS			
PLUMBING :			• 16 G	16 GA SS sheet covered all sides front open			
Cold Ø N	IA		 Bottom 16 GA SS perforated sheet with 3mm hole with gap of approx.75mm. 25mm dia S.S. pipe handle. Four (4) Nos. of Castors 150 mm dia x 50 mm thick heavy-duty Nylocast swivel type, two with brakes, fixed to a 				
Hot Ø N	IA						
Waste Ø N	IA						
ELECTRIC :							
Power N	IA		channel framework.				
Voltage N	IA						
EXHAUST							
NA							
GAS:							
BTU N	IA						
Con. 🧔	₃ NA	mm					
ACCESSORIES	S:						
SPECIAL NOTI	E:		All Shee Coated.	t /Pipe S.S. 304 Grade Pre-polished Plastic			

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ITEM NO : CM-47						VEG. WASHING TROLLEY Tentative Image		
QUANT	QUANTITY: 4							
MAKE :	MAKE :CUSTOM BUILT							
SIZE								
Wid	th:		De	oth:	Height:			
900 r	nm		600	mm	1050 mm			
CAPAC	ΙΤΥ				I	U U		
M.E.P R	REQU	IRE	MENT	r	SPECIFICA	TIONS		
PLUMB	ING	:			For construction detail refer standard shop drawing no. : -			
Cold	Ø	NA			HPG/FD/06.			
Hot	Ø	NA			 200mm high pan, 2.0mm thick S.S. pan welded construction with top edges all turned out 25mm, down 25mm and in 12mm. Pan duly perforated. Top and body secured to 50mm x 50mm x 2mm thick S.S. welded angle frame work. 			
Waste	-	NA						
	Ø	NA						
ELECTR	RIC :							
Power		NA	L.		• 38mm dia S.S. pipe handle with pipe reinforcement.			
Voltage		NA	L					
EXHAU	ST				 Four (4) no. heavy duty 150mm dia x 50mm thick Non marking rubberized castors all with brakes. 			
NA						ang rubbenzeu castors an with brakes.		
GAS:								
BTU NA								
Con.		Ø	NA	mm	-			
ACCES	SOR	IES:						
SPECIAL NOTE:					All Shee Coated.	et /Pipe S.S. 304 Grade Pre-polished Plastic		

ITEM NO	: CI	M-48		CHOPPED ONION CRATE				
QUANTIT	Γ Υ: 6			Tentative Image				
SIZE								
Width	:	Depth:	Height:	And a state of the				
500 mr	m	325 mm	300 mm					
CAPACIT	Y							
M.E.P RE	QUI	REMENT	SPECIFICA	TIONS				
PLUMBIN	NG :		Crate	es are made from Food Grade HDPE.				
Cold	Ø	NA	• Inno	vatively designed large capacity heavy duty crates.				
Hot	Ø	NA	 Hygi 	 Hygienic, easy to clean & wash. 				
Waste	Ø	NA	Strong & durable. Stackable for space saving.					
ELECTRI	с:							
Power		NA						
Voltage		NA	-					
EXHAUS	Г							
NA								
GAS:								
BTU		NA						
Con.	1	Ø NA	_					
ACCESS	ORIE	S:						
SPECIAL	NOT	'E:						
Qty as pe	er op	erator.						
PREFERR		MAKE AND MO	DEL IN ALPH	ABETICAL ORDER				
NILKAMA	AL							
CH 5330	0							

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ITEM N	I O : (СМ	48A				WASTE CONTAINER - ONION			
QUANT	ITY:	4					Tentative Image			
SIZE										
Widt	th:		De	pth:	Heig	Height:				
500 r	nm		325	mm	300 r	nm				
CAPAC	[ΤΥ									
M.E.P R	REQU	IRE	MEN	r	SPECI	FICA	TIONS			
PLUMB	ING	:			•	Crate	es are made from Food Grade HDPE.			
Cold	Ø	NA			•	 Innovatively designed large capacity heavy duty crates. 				
Hot	Ø	NA	L.		•	Hygienic, easy to clean & wash.				
Waste	Ø	NA	L.		•	Strong & durable. Stackable for space saving.				
ELECTR	RIC :									
Power		NA								
Voltage		NA								
EXHAU	ST									
NA										
GAS:										
BTU		NA								
Con.		Ø	NA							
ACCES	ACCESSORIES:									
SPECIAL NOTE:										
PREFER	RRED	MA	KE A	ND MO	DDEL IN A	LPH/	ABETICAL ORDER			
NILKAN	MAL									
CH 53300										

ITEM N	0:0	СМ-49		WASTE CONTAINER - POTATO
QUANT	ITY:	4		
SIZE				
Widt	th:	Depth:	Height:	
500 r	nm	325 mm	300 mm	
CAPAC	ΙΤΥ			
M.E.P R	REQU	IREMENT	SPECIFICA	TIONS
PLUMB Cold Hot Waste ELECTR Power Voltage EXHAU NA GAS: BTU	Ø Ø 8 IC :	NA NA NA NA NA NA NA NA	HDPl • Inno • Hygi	es have built –in handles & are made from Food Grade E. vatively designed large capacity heavy duty crates. enic, easy to clean & wash. ng & durable. Stackable for space saving.
Con.		Ø NA		
ACCES				
SPECIA				
	RRED MAL	MAKE AND MO	DEL IN ALPH	ABETICAL ORDER
CH 333	00			

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ITEM NO: CM-49A			CHOPPED POTATO CRATE	
QUANTITY: 5			Tentative Image	
SIZE			A CONTRACTOR OF	
Width:	Depth:	Height:	No. of Concession, Name	
500 mm	325 mm	300 mm		
CAPACITY				
M.E.P REQUIREMENT		SPECIFICA	TIONS	
PLUMBING	:	Crate	es are made from Food Grade HDPE.	
Cold Ø	NA	• Inno	vatively designed large capacity heavy duty crates.	
Hot Ø	NA	 Hygienic, easy to clean & wash. 		
Waste Ø	NA	 Strong & durable. Stackable for space saving. 		
ELECTRIC :				
Power NA				
Voltage	NA	-		
EXHAUST				
NA				
GAS:				
BTU NA				
Con.	Ø NA			
ACCESSOR	IES:			
SPECIAL NOTE:				
Qty as per o	perator.			
PREFERRED	MAKE AND MO	DEL IN ALPH	ABETICAL ORDER	
NILKAMAL				
JR 53300				

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ITEM NO : CM-50			DRAIN TROUGH GRATING		
QUANTITY: 4					
SIZE					
Width:		Depth	:	Height:	
(3) 3000 mm 300 mm 7		m	70 mm		
(1) 1500m	nm				
CAPACIT	Υ				
M.E.P RE	QUIR	EMENT	I	SPECIFICATIONS	
PLUMBIN				RemovableS.S Grating of 304 0f suitable size with 25 m height.	
Cold Hot	NA NA			Grating with hairline finishing.	
Waste		Floor		 Grating with 5mm thick for outside ring, 3mmthick for interior section, 	
ELECTRI	C :			 Grating has to be slip-resistant for one side, Plain on the other. 	
Power	Power NA			 Minimum Point Load: 150 kg per square meter. 	
Voltage	NA				
Gas:				Spot welding not to be used.	
BTU Con.	NA	NA	mm	To be made in one piece/ parts to make it suitable for lifting	
00111				• 70 mm Trough to be made with 16 Gauge AISI 304 SS.	
				• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.	
				• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.	
				• Trough has to be fully welded with no gaps.	
				• Suitable to be for fitting with type of flooring coming at site.	
ACCESSO	DRIES	:		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system	

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SPECIAL NOTE:	Trough to be pro	Trough to be provided as per the flooring type coming at site.		
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER				
ACO	BLUCHER	DSS		
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT		

ITEM NO : CM-	52	DRAIN TROUGH GRATING	
QUANTITY: 3			
SIZE			
	epth:	Height:	
2800 mm 1800 mm 7		70 mm	
CAPACITY			
M.E.P REQUIRI	EMENT	SPECIFICATIONS	
PLUMBING :		 RemovableS.S Grating of 304 Of suitable size with 25 mm height. 	
Cold Ø NA			
Hot Ø NA			
Waste Ø 4" I Dra	Floor iin	Grating with 5mm thick for outside ring, 3mmthick for interior section,	
ELECTRIC :		Grating has to be slip-resistant for one side, Plain on the other.	
Power NA		 Minimum Point Load: 150 kg per square meter. 	
Voltage NA			
Gas:		Spot welding not to be used.	
BTU NA Con. Ø	NA mm	To be made in one piece/ parts to make it suitable for lifting	
		• 70 mm Trough to be made with 16 Gauge AISI 304 SS.	
		• Trough to be provided with drain outlet at center or as per site with all sides sloping towards drain outlet.	
		• Drain out let of the trough to have 16 gauge extension flanges of 40 mm depth and 100 mm dia. for entry in the floor drain.	
		• Trough has to be fully welded with no gaps.	
		• Suitable to be for fitting with type of flooring coming at site.	
		Silt Basket, With NBR infill (Polymer fill for bend), O ring for fitting into drain system	
SPECIAL NOTE	:	Trough to be provided as per the flooring type coming at site.	

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PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER					
ACO	BLUCHER	DSS			
CUSTOM BUILT	CUSTOM BUILT	CUSTOM BUILT			

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