***PART B. ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER**

**Contract title:** Supply of Construction Materials under a Framework Contract No.13

**Publication reference: PROC/1416/25/Supply of Construction Materials no.13**

**Column 1-2 should be completed by the Contracting Authority**

**Column 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the Contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the Contracting Authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words “compliant” or “yes” are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

**In the case of a requirement for additional items NOT listed in the Technical Specifications, the Contracting Authority may choose to apply (Annex I of the Financial Regulation), point 1.2 i.e.**

***“Where a framework contract is concluded with a single economic operator, the specific contracts shall be awarded within the limits of the terms laid down in the framework contract. In duly justified circumstances, contracting authorities may consult in writing the contractor, requesting it to supplement its tender if necessary”.***

**The Contracting Authority may request a quotation from the contractor, and may accept or refuse it.**

|  |
| --- |
| **LOT 1: INTERIOR / FACADE WORKS MATERIAL** |

| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| --- | --- | --- | --- | --- |
| **Plastering and Facade** | | | | |
| 1 | Gypsum for reparation 1 bag 2.5 kg  **QTY: 20 bags** |  |  |  |
| 2 | Joint filler to cure for grouting reinforcing bar Packing 5kg Bag  **QTY: 5 bags** |  |  |  |
| 3 | Adhesive for direct bonding of gypsum plasterboards (25 kg bags)  **QTY: 10 bags** |  |  |  |
| 4 | Fiber Joint Tape for Plaster Board 50mmx50mtr Roll  **QTY: 10 rolls** |  |  |  |
| 5 | Alkaline-resistant fibreglass mesh Alkali Resistance, Fire Resistance White Color, 75 gr m2 pacing in rolls of 50 m2  **QTY: 10 rolls** |  |  |  |
| 6 | Ready-mixed, universal primer as absorption compensator (25 kg bucket)  **QTY: 10 buckets** |  |  |  |
| 7 | Thermo insulation Styrodur 3 cm. N4 Compressed  **QTY: 24 m2** |  |  |  |
| 8 | Thermo insulation Styrodur 5 cm. N4 Compressed  **QTY: 24 m2** |  |  |  |
| 9 | Thermo insulation Styrofoam, 2 cm, Thermal conductivity 0,4. Density 20kg/m3  **QTY: 24 m2** |  |  |  |
| 10 | Thermo insulation Styrofoam, 5cm, Thermal conductivity 0,4. Density 20kg/m3  **QTY: 24 m2** |  |  |  |
| 11 | Thermo insulation Styrofoam, 10 cm, Thermal conductivity 0,4. Density 20kg/m3  **QTY: 24 m2** |  |  |  |
| **Gypsum boards** | | | | |
| 12 | Gypsum plaster board, thickness 9.5 mm  **QTY: 20 m2** |  |  |  |
| 13 | Gypsum plaster board, thickness 12.5 mm  **QTY: 100 m2** |  |  |  |
| 14 | Fire resistant gypsum plaster board, thickness 12.5 mm  **QTY: 100 m2** |  |  |  |
| 15 | Impregnated (waterproof) gypsum plaster board, thickness 12.5 mm  **QTY: 100 m2** |  |  |  |
| 16 | Suspended ceiling tiles/mineral fibreboard, dimension: 600x600x15 mm  **QTY: 100 m2** |  |  |  |
| 17 | Suspension System Exposed 35mm grid system - Main Runners 35, length: 3600  **QTY: 10 EA** |  |  |  |
| 18 | Suspension System Exposed 35mm grid system, Cross Tees length: 600 mm  **QTY: 10 EA** |  |  |  |
| 19 | Suspension System Exposed 35mm grid system, Cross Tees length: 1200 mm  **QTY: 10 EA** |  |  |  |
| 20 | Suspension System General perimeters - Perimeter angles Dimensions:3000 x 20 x 20  **QTY: 10 EA** |  |  |  |
| 21 | Betoncontact product based on polymer for base that are smooth or have limited suction 20 kg bucket  **QTY: 10 buckets** |  |  |  |
| **Galvanized CW-/UW-/UA-profiles** | | | | |
| 22 | CW 50 according to DIN EN 14195, 4 meter long, thickness 0.6 mm  **QTY: 100 m** |  |  |  |
| 23 | CW 75 according to DIN EN 14195, 4 meter long, thickness 0.6 mm  **QTY: 20 m** |  |  |  |
| 24 | CW 100 according to DIN EN 14195, 4 meter long, thickness 0.6 mm  **QTY: 20 m** |  |  |  |
| 25 | CD 60x27 according to DIN EN 14195, 4 meter long, thickness 0.6 mm  **QTY: 20 m** |  |  |  |
| 26 | UD 28x27 according to DINEN 14195, 3 meters long, thickness 0.6 mm  **QTY: 20 m** |  |  |  |
| 27 | UA 50x40 according to DIN EN 14195, 4 meter long, thickness 2 mm  **QTY: 20 m** |  |  |  |
| 28 | UA 75x40 according to DIN EN 14195, 4 meter long, thickness 2 mm  **QTY: 20 m** |  |  |  |
| 29 | UA 100x40 according to DIN EN 14195, 4 meter long, thickness 2 mm  **QTY: 20 m** |  |  |  |
| 30 | UW 50x40 according to DIN EN 14195, 4 meter long, thickness 0.6 mm  **QTY: 20 m** |  |  |  |
| 31 | UW 75x40 according to DIN EN 14195, 4 meter long, thickness 0.6 mm  **QTY: 20 m** |  |  |  |
| 32 | UW 100x40 according to DIN EN 14195, 4 meter long, thickness 0.6 mm  **QTY: 20 m** |  |  |  |
| **Accessories** | | | | |
| 33 | Fixing clip for direct suspension for CD channel 60/27 (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 34 | Fixing connector for CD channel 60/28 (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 35 | Hanging wire with steel dowel length 25.00 cm (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 36 | Hanging wire with steel dowel length 50.00 cm (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 37 | Hanging wire length 25.00 cm (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 38 | Hanging wire length 50.00 cm (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 39 | Multi-connector for hanging wire (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 40 | Fixing clip for connect CD channel to the structural steelwork 5-25 mm. (50 pcs. in box)  **QTY: 1 box** |  |  |  |
| 41 | Nonius hanger Top length 30.00 cm (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 42 | Nonius hanger Top length 50.00 cm (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 43 | Nonius hanger Bottom for CD channel 60/27 load bearing capacity class 0.4 KN (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 44 | Nonius stirrup for UA runner 50/40 load bearing capacity class 0.4 KN. (100 pcs. in box)  **QTY: 1 box** |  |  |  |
| 45 | Gypsum sealing tape self-adhesive (roll 30m) 50 mm width  **QTY: 1 roll** |  |  |  |
| 46 | Alum corner trim25/25/0.45 2.8 m' length  **QTY: 5 EA** |  |  |  |
| 47 | Stainless Steel Half Countersunk Head Torx Decking Self Tapping Screw M6x40mm  In box of 300PCS    **QTY: 1 Box** |  |  |  |
| 48 | Stainless Steel Half Countersunk Head Torx Decking Self Tapping Screw M6x60mm  In box of 300PCS  **QTY: 1 box** |  |  |  |
| 49 | Stainless Steel Half Countersunk Head Torx Decking Self Tapping Screw M6x70mm  In box of 300PCS  **QTY: 1 box** |  |  |  |
| 50 | Stainless Steel Half Countersunk Head Torx Decking Self Tapping Screw M6x80mm  In box of 200PCS  **QTY: 1 box** |  |  |  |
| 51 | Stainless Steel Half Countersunk Head Torx Decking Self Tapping Screw M6x100mm  In box of 200PCS  **QTY: 1 box** |  |  |  |
| 52 | Stainless Steel Half Countersunk Head Torx Decking Self Tapping Screw M6x120mm  In box of 150PCS  **QTY: 1 box** |  |  |  |
| 53 | Stainless Steel Half Countersunk Head Torx Decking Self Tapping Screw M6x180mm  In box of 200PCS  **QTY: 1 box** |  |  |  |
| 54 | Drywall screws with drill bit DIN 18182 part 2 TN 25 mm (1000 pcs. in box)  **QTY: 10 box** |  |  |  |
| 55 | Drywall screws with drill bit DIN 18182 part 2 TN 35 mm (1000 pcs. in box)  **QTY: 10 box** |  |  |  |
| 56 | Drywall screws with drill bit DIN 18182 part 2 TN 55 mm (1000 pcs. in box)  **QTY: 10 box** |  |  |  |
| 57 | Universal Plug UX PVC/Nylon M6x50 Pack of 100Pcs  **QTY: 2 pack** |  |  |  |
| 58 | Universal Plug UX PVC/Nylon M8x50 Pack of 100Pcs  **QTY: 2 pack** |  |  |  |
| 59 | Universal Plug UX PVC/Nylon M10x60 Pack of 100Pcs  **QTY: 2 pack** |  |  |  |
| 60 | Universal Plug UX PVC/Nylon M12x70Pack of 25Pcs  **QTY: 2 pack** |  |  |  |
| 61 | Universal Plug UX PVC/Nylon M14x75 Pack of 25Pcs  **QTY: 2 pack** |  |  |  |
| 62 | Nail able plug for fixing U and CW channel K 6/35 (100 pcs. in box)  **QTY: 20 box** |  |  |  |
| 63 | Nail able plug for fixing U and CW channel L 8/80 (50 pcs. in box)  **QTY: 1 box** |  |  |  |
| 64 | Nail able plug for fixing U and CW channel L 8/100 (50 pcs. in box)  **QTY: 1 box** |  |  |  |
| 65 | Aluminium inspection parts for wall /ceiling for boards 12.5 mm 300x600  **QTY: 1 EA** |  |  |  |
| **Carpentry** | | | | |
| 66 | Adhesive for floor carpets  **QTY: 5 kg** |  |  |  |
| 67 | **Universal Glue** 800ml for bonding of leather, rubber, fabrics, cork, cardboard, different plastic screeds, profiles and of other materials together or onto wood, metals, concrete, stone and glass.  **QTY: 10 tin** |  |  |  |
| 68 | Commercial Carpet in rolls, Type: Needle felt with rubber back, Material 100 % PP, Boucle for heavy traffic- min Class 33,  **QTY: 200 m2** |  |  |  |
| 69 | Woven Geotextile Made of Poly Propylene Black Color Dimension 2.2 mtr high - 50 mtr long . Allows the transmission of water whilst forming a strong durable geotextile with high tensile strengths.  **QTY: 100 m2** |  |  |  |
| 70 | Melamine Faced Chipboard, 16 mm. 244 x 122 cm. Color white and brown, black, wenge.  **QTY: 10 EA** |  |  |  |
| 71 | Melamine edging tape, 16mm roll of 25 mtr. Color white and brown, black, wenge.  **QTY: 2 roll** |  |  |  |
| 72 | Melamine edging tape, 22 mm roll of 25 mtr. Color white and brown, black, wenge.  **QTY: 1 roll** |  |  |  |
| 73 | Melamine Edging Tape, 50 mm roll of 25 mtr. Color white and brown, black, wenge.  **QTY: 1 roll** |  |  |  |
| 74 | Glue brush  **QTY: 24 EA** |  |  |  |
| 75 | Hinges door 100 mm  **QTY: 10 EA** |  |  |  |
| 76 | Hinges door 80 mm  **QTY: 2 EA** |  |  |  |
| 77 | Hinges windows 80 mm  **QTY: 1 EA** |  |  |  |
| 78 | Solid brass Padlock. Width = 38 mm  **QTY: 5 EA** |  |  |  |
| 79 | Padlock Zinc Aloy 92.5mm C2-60H Dimension 92.5(H)\*60(W)\*22(D)mm Shackle diameter12mm  **QTY: 5 EA** |  |  |  |
| 80 | Solid brass Padlock. Width = 50 mm  **QTY: 6 EA** |  |  |  |
| 81 | Chain Galvanized 3/8  **QTY: 10 m** |  |  |  |
| 82 | Chain Galvanized ½  **QTY: 10 m** |  |  |  |
| 83 | Chain Galvanized ¾  **QTY: 10 m** |  |  |  |
| 84 | Rope Polypropylene 6 mm thickness all weather  **QTY: 100 m** |  |  |  |
| 85 | Rope Polypropylene 8 mm thickness all weather  **QTY: 100 m** |  |  |  |
| 86 | Rope Polypropylene 10 mm thickness all weather  **QTY: 100 m** |  |  |  |
| 87 | Hammer drill bit SDS Plus II Pointer fi 12 -40 Cm Long Drilling on Concrete and Brick  **QTY: 1 EA** |  |  |  |
| 88 | Hammer drill bit SDS Plus II Pointer fi 14 -40 Cm Long Drilling on Concrete and Brick  **QTY: 1 EA** |  |  |  |
| 89 | Hammer drill bit SDS Plus II Pointer fi 16 -40 Cm Long Drilling on Concrete and Brick  **QTY: 1 EA** |  |  |  |
| 90 | Hammer drill bit SDS Plus II Pointer fi 32 -40 Cm Long Drilling on Concrete and Brick  **QTY: 1 EA** |  |  |  |
| 91 | Hammer drill bit SDS Plus II Pointer fi 50 -40 Cm Long Drilling on Concrete and Brick  **QTY: 1 EA** |  |  |  |
| 92 | Screw Drive Bit PH1 Heavy Duty Use 5CM Long  **QTY: 10 EA** |  |  |  |
| 93 | Screw Drive Bit PH2 Heavy Duty Use 5CM Long  **QTY: 10 EA** |  |  |  |
| 94 | Screw Drive Bit PH3 Heavy Duty Use 5CM Long  **QTY: 10 EA** |  |  |  |
| 95 | Magnetic Holder for Screw Drive Bit Hex Head  **QTY: 5 EA** |  |  |  |
| 96 | Magnetic nut setter for hex head screws M6  **QTY: 24 EA** |  |  |  |
| 97 | Magnetic nut setter for hex head screws M8  **QTY: 12 EA** |  |  |  |
| 98 | Magnetic nut setter for hex head screws M10  **QTY: 12 EA** |  |  |  |
| 99 | Magnetic nut setter for hex head screws M13  **QTY: 24 EA** |  |  |  |
| 100 | Measuring Tape 5mtr Long With Belt Holder  **QTY: 10 EA** |  |  |  |
| 101 | Measuring Tape 10 mtr Long With Belt Holder  **QTY: 24 EA** |  |  |  |
| 102 | Carpet Cutter Cutting Trim Fitting Fitters Edging Tool Knife Vinyl Flooring  **QTY: 5 EA** |  |  |  |
| 103 | Cutter Blade for Cutter Knife 100x20mm packed in Box of 10PCS  **QTY: 15 pack** |  |  |  |
| 104 | Cutter Knife With PVC Handle Inside Aluminium Sliding Frame including Locking Knob  **QTY: 5 EA** |  |  |  |
| 105 | Staplers/Tackers/Nailers Drives 20 gauge wide crown staples from 1/4" through 9/16  **QTY: 1 EA** |  |  |  |
| 106 | Acrylic Floating Trowel Heavy Duty 2  **QTY: 10 EA** |  |  |  |
| 107 | Plastering Trowel made of Stainless Steel and Protective Handle 25Cm Long 12Cm Wide  **QTY: 10 EA** |  |  |  |
| 108 | Masonry Rope 2mm Thickness with Different Colour 100mtr roll  **QTY: 24 roll** |  |  |  |
| 109 | Scraper made of Stainless Steel with PVC Handle 40mm  **QTY: 24 EA** |  |  |  |
| 110 | Scraper made of Stainless Steel with PVC Handle 60mm  **QTY: 24 EA** |  |  |  |
| 111 | Scraper made of Stainless Steel with PVC Handle 80mm  **QTY: 24 EA** |  |  |  |
| 112 | Scraper made of Stainless Steel with PVC Handle 100 mm  **QTY: 24 EA** |  |  |  |
| 113 | Silicone Gun skeleton, metal extra easy use with long lever  **QTY: 24 EA** |  |  |  |
| 114 | Tile Cutting Machine incl. hole cutter and vertical cutting device size/mm 500  **QTY: 2 EA** |  |  |  |
| 115 | Glass Cutter including 6 replacement blades  **QTY: 2 EA** |  |  |  |
| 116 | Two Component Expanding Foam 750ml Tube  **QTY: 24 EA** |  |  |  |
| 117 | Silicone White Acrylic in Tube of 330ml Multipurpose Use  **QTY: 100 EA** |  |  |  |
| 118 | Silicone clear general purpose in 310 ml  **QTY: 100 EA** |  |  |  |
| 119 | Silicone white general purpose in 310 ml  **QTY: 100 EA** |  |  |  |
| 120 | Transparent Plexiglas 4 mm  **QTY: 50 m2** |  |  |  |
| **Paint** | | | | |
| 121 | White interior paint, water dispersion, for walls and ceiling in 25kg bucket  **QTY: 15 bucket** |  |  |  |
| 122 | Agent for eliminating wall algea and mould  Suitable for use on all types of facade and interior wall surfaces.  500ml  **QTY: 5 EA** |  |  |  |
| 123 | Acrylic facade paint  Various colour shades  15ltr bucket  **QTY: 5 buckets** |  |  |  |
| 124 | Concrete protection paint  5ltr bucket  **QTY: 5 buckets** |  |  |  |
| 125 | Traffic Zone Marking Paint, Chlorinated Solvent Base Type, Application Temperature 40 to 100 Degrees F, Surface Asphalt, Concrete, Brick, Re-Stripe Paint Lines, Mild to Moderate Exposure Conditions, VOC Content 388 g/L, Standards A-A-2886B Type II, For Use With Marking Guns.  **QTY: 60 ltr** |  |  |  |
| 126 | Concentrated Paint Black, Blue, Brown toner (100 ml cartridge)  **QTY: 10 EA** |  |  |  |
| 127 | **ENAMEL LACQUER PROFESSIONAL**  High gloss enamel varnish for protection and decoration of both interior and exterior wooden and metal surfaces. It consists of alkyd binders, pigments, solvents and additives.  Color scheme  white, yellow, red, oxide red, green, dark green, blue, brown, black,  Pack. 0.75 Lit Tin  **QTY: 48 tin** |  |  |  |
| 128 | **Nitro - Base Paint for Metal**  For anti-corrosion protection of metal surfaces (steel structures, metal gates, fences, etc). Fast drying, good adhesion, hardness and elasticity.  Pack: 0.75 Lit Tin  **Qty: 10 Tin** |  |  |  |
| 129 | **Paint for interior METAL.** Water based. Color: white, black, grey, red, blue, yellow, brown and green. (1 litre can)  **QTY: 50 EA** |  |  |  |
| 130 | Preservative for wood colourless (1 litre can)  **QTY: 30 EA** |  |  |  |
| 131 | Thinner oil for paint (1 litre can)  **QTY: 30 ltr** |  |  |  |
| 132 | Thinner turpentine for paint (1 litre can)  QTY: **30 ltr** |  |  |  |
| 133 | Aerosol marking paint for spot marking of surface prior to surveying, earth works building constructions etc. Color: red, blue and yellow.  Can 350 gr.  **QTY: 24 EA** |  |  |  |
| 134 | Masking tape 5 cm (50m roll)  **QTY: 10 roll** |  |  |  |
| 135 | Paint brush flat 20 mm  **QTY: 10 EA** |  |  |  |
| 136 | Paint brush flat 30 mm  **QTY: 10 EA** |  |  |  |
| 137 | Paint brush flat 40 mm  **QTY: 10 EA** |  |  |  |
| 131 | Paint brush flat 50 mm  **QTY: 10 EA** |  |  |  |
| 138 | Paint brush flat 60 mm  **QTY: 10 EA** |  |  |  |
| 139 | Paint brush flat 70 mm  **QTY: 10 EA** |  |  |  |
| 140 | Paint brush flat 80 mm  **QTY: 10 EA** |  |  |  |
| 141 | Paint brush flat100 mm  **QTY: 10 EA** |  |  |  |
| 142 | Paint roller with handle 11cm  **QTY: 10 EA** |  |  |  |
| 143 | Paint roller w/handle 25cm  **QTY: 10 EA** |  |  |  |
| 144 | Paint Grid Made of Galvanized Materials for Paint Roller 11-25 Cm to be Used on 25Kg bucket  **QTY: 10 EA** |  |  |  |
| 145 | Paint Grid Made of PVC Materials for Paint Roller 11-25 cm to be Used on 25Kg bucket  **QTY: 10 EA** |  |  |  |
| 146 | Plastic Construction and painting Covering Foil dimension 5x4 mtr Transparent  **QTY: 30 pack** |  |  |  |
| 147 | Plastic sheet 0.2 mm  **QTY: 200 m2** |  |  |  |
| 148 | Telescopic handle for paint roller Aluminium Body 6 mtr Log with 3 Section  **QTY: 10 EA** |  |  |  |
| **Flooring** | | | | |
| 149 | PVC-Flooring in rolls thickness= 2mm  Commercial use, areas with heavy traffic  **QTY: 120 m2** |  |  |  |
| 150 | Ceramic wall tile dimensions 20x20 cm. Suitable for wet room. Colour: white, beige, cream and light grey.  **QTY: 100 m2** |  |  |  |
| 151 | Ceramic flooring tile dimensions 20x20 cm Antislip resistance R 9 according to DIN 51130. Suitable for wet room. Colour: white, beige, cream and light grey.  **QTY: 100 m2** |  |  |  |
| 152 | Ceramic flooring tile dimensions 20x20 cm Antislip resistance R 10 according to DIN 51130. Suitable for wet room. Colour: white, beige, cream and light grey.  **QTY: 100 m2** |  |  |  |
| 153 | Ceramic flooring tile (for outside use) dimensions 50x50x1 cm Antislip resistance R12 according to DIN 51130.  **QTY: 100 m2** |  |  |  |
| 154 | Laminate wood flooring 8mm including Floor Foil and Laminate Skirtings  **QTY: 100 m2** |  |  |  |
| 155 | Granite flooring tile 2 cm  **QTY: 50 m2** |  |  |  |
| 156 | Tile adhesive. All weather condition for interior and exterior use. (25 kg bags)  **QTY: 10 bags** |  |  |  |
| 157 | Grouting compounds for trick narrow joints (2 kg bags)  **QTY: 10 bags** |  |  |  |
| 158 | Non slippery tape for stairs  50mm x 5m  **QTY: 10 EA** |  |  |  |
| **Sealing** | | | | |
| 159 | Two- components sealing compound for sealing wall and floor surfaces. Fulfils the moisture classes 1, 2 and 3. (1x5 kg bucket + 1x5 kg paper bag)  **QTY: 1 set** |  |  |  |
| 160 | Strip sealant for waterproofing and flexible bridging of movement joints, perimeter joints and crack prone connections and feedthroughs. Fulfils the moisture classes 1, 2 and 3. (50 m per roll)  **QTY: 1 roll** |  |  |  |
| 161 | Ready Mixed Bitumen for Cold Insulation (BIMIZOL or Similar)25 Kg Tin  **QTY: 1 Tin** |  |  |  |
| 162 | Bitumen coating, (cold coat before hydro insulation) 1 can/5 liter  **QTY: 1 EA** |  |  |  |
| 163 | Two Component Sealing Glue Including Spray Activator in Bottle of 500ml  **QTY: 1 EA** |  |  |  |
| 164 | SBS polymer-modified bitumen membrane, self-adhering. 3mm (12m2/roll). DIN 52130  **QTY: 1 EA** |  |  |  |
| 165 | SBS polymer-modified bitumen membrane, self adhering. 5mm (12m2/roll). DIN 52130  **QTY: 1 EA** |  |  |  |

|  |
| --- |
| **LOT 2: PRECAST CONCRETE ELEMENTES, CONCRETE AND MASONRY MATERIAL** |

| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| --- | --- | --- | --- | --- |
| 1 | Precast concrete blocks as foundation for office and sea-containers. 30x30x15 cm. Handles on two side. 2x3 Ø8 reinforcement crosswise in centre.  **QTY: 20 EA** |  |  |  |
| 2 | Precast concrete pavement blocks 20x10x8, grey, red  **QTY: 20 m2** |  |  |  |
| 3 | Precast concrete pavement blocks "s", t=8 cm, grey, red  **QTY: 20 m2** |  |  |  |
| 4 | Precast concrete pavement tiles 40x40x4 cm, grey, red  **QTY: 20 m2** |  |  |  |
| 5 | Kerb precast concrete blocks 8x20x100 cm, grey  **QTY: 20 m** |  |  |  |
| 6 | Precast concrete manhole base section, Ø1000 x 1000 mm  **QTY: 1 EA** |  |  |  |
| 7 | Precast concrete riser section, Ø1000 x 500 mm  **QTY: 1 EA** |  |  |  |
| 8 | Precast concrete cone, Ø1000 x 600 mm  **QTY: 1 EA** |  |  |  |
| 9 | Precast riser ring, Ø600 x 60 mm  **QTY: 1 EA** |  |  |  |
| 10 | Manhole cover, clear opening 600 mm, made from fiber reinforced polymer. Load rating: EN124 class C250 (250kN)  **QTY: 1 EA** |  |  |  |
| 11 | Sacked Portland cement (CEM. II/B-M 32.5) according the EN 197-1/2000. (50 kg sack)  **QTY: 50 sack** |  |  |  |
| 12 | Ready-mixed concrete, Class: C20/25 according to EN 206-1, supply is only allowed in concrete mixer vehicle. **Price should include a 30 m. concrete pump.**  **QTY: 50 m3** |  |  |  |
| 13 | Ready-mixed concrete, Class: C25/30, according to EN 206-1, supply is only allowed in concrete mixer vehicle. **Price should include a 30 m. concrete pump.**  **QTY: 10 m3** |  |  |  |
| 14 | Additive for Concrete -Antifreeze for Concrete Antifreeze & Rapid Setter is designed to be added to render and mortar to allow their use in low temperatures  **QTY: 5 ltr** |  |  |  |
| 15 | Sand for Plastering -River Sand 0.8-1.2mm  **QTY: 50 m3** |  |  |  |
| 16 | Sand for bedding and backfilling  **QTY: 50 m3** |  |  |  |
| 17 | Crushed gravel 0 - 8 mm  **QTY: 10 m3** |  |  |  |
| 18 | Crushed gravel 0 – 31.5 mm  **QTY: 50 m3** |  |  |  |
| 19 | Crushed gravel 0-60 mm  **QTY: 50 m3** |  |  |  |
| 20 | Sand bags heavy duty dim 30x70cm  **QTY: 100 EA** |  |  |  |

|  |
| --- |
| **LOT 3: DOORS, WINDOWS and LOCKS** |

| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| --- | --- | --- | --- | --- |
| 1 | PVC framed window, colour white, staffers in frame and casement. Turn/tilt opening. Double glazed thermal insulation, U=1.4 W/m2K.  **QTY: 2 m2** |  |  |  |
| 2 | Aluminium framed window, powder coated, colour anthracite grey. Turn/tilt opening. Double glazed thermal insulation, U=1.4 W/m2K.  **QTY: 2 m2** |  |  |  |
| 3 | Thermal insulated glass for windows and doors. U value shall not exceed 1.2 W/m2K. All sizes as requested.  **QTY: 2 m2** |  |  |  |
| 4 | PVC inside solid door, dim. 90x200, incl. frame, Lock EN 12209 and cylinder with 3 keys EN 1303.  **QTY: 1 EA** |  |  |  |
| 5 | PVC inside solid door, dim. 80x200, incl. frame, Lock EN 12209 and cylinder with 3 keys EN 1303.  **QTY: 1 EA** |  |  |  |
| 6 | PVC inside half glass upper part door, dim. 90x205, incl. frame, Lock EN 12209 and cylinder with 3 keys EN 1303.  **QTY: 1 EA** |  |  |  |
| 7 | PVC Entrance door, dim 160x200. Doors consist of a door frame and a massive door casement. Inside the door frame and the door casement the doors must be additionally reinforced with a metal profile. Door casement with a special angular welded PVC-stabilizer. Doors embedded with three massive hinges. Lock EN 12209 and cylinder with 3 keys EN 1303.  **QTY: 1 EA** |  |  |  |
| 8 | Same as item No. 7, 50% of the door leaf with thermal insulated glass U=1.2 W/m2K.  **QTY: 1 EA** |  |  |  |
| 9 | Aluminium Entrance door, dim 90x200. The profile system (68 - 80 mm) thick with a thermal break. Door leaf (25 - 30 mm) thick infill to ensure good thermal insulation. U-1.4 W/m2K. Doors embedded with three-way adjustable hinges. Lock EN 12209 and cylinder with 3 keys EN 1303.  **QTY: 1 EA** |  |  |  |
| 10 | Same as item No. 9, 50% of the door leaf with thermal insulated glass, U=1.2 W/m2K  **QTY: 2 EA** |  |  |  |
| 11 | Wooden inside door, dim. 80x200, incl. frame, Lock EN 12209 and cylinder with 3 keys EN 1303.  **QTY: 1 EA** |  |  |  |
| 12 | Wooden inside door, dim. 90x200, incl. frame, Lock EN 12209 and cylinder with 3 keys EN 1303.  **QTY: 10 EA** |  |  |  |
| 13 | Wooden sound proof door, min db=37, 90x200, incl. frame, Lock EN 12209 and cylinder with 3 keys EN 1303.  **QTY: 1 EA** |  |  |  |
| 14 | Door closers, hydraulic, EN 1154, for steel Doors Closing power 5, door weight 80-120kg,  **QTY: 20 EA** |  |  |  |
| 15 | Door closers, hydraulic, EN 1154, Doors 20 - 60 kg.  **QTY: 20 EA** |  |  |  |
| 16 | Push bar, off-line mounted, both -winged panic locking system with internal lock. Steel chassis - 100 cm long metal tube, Suitable for both left & right -handed doors CE certificate EN 1125  **QTY: 5 EA** |  |  |  |
| 17 | Locking Lever handle for Panic Exit Device  **QTY: 10 EA** |  |  |  |
| 18 | Window handles set, nickel polished. EN 179  **QTY: 10 EA** |  |  |  |
| 19 | Lock for wooden and metal door 40 mm. EN 12209  **QTY: 25 EA** |  |  |  |
| 20 | Lock for wood cabinet  **QTY: 30 EA** |  |  |  |
| 21 | Lock safety metal door four pin  **QTY: 10 EA** |  |  |  |
| 22 | Padlock latch 75 mm  **QTY: 30 EA** |  |  |  |
| 23 | Padlock latch 50 mm  **QTY: 30 EA** |  |  |  |

|  |
| --- |
| **LOT 4: WOOD** |

| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| --- | --- | --- | --- | --- |
| 1 | Construction Timber dimension from 20x20mm x 6m up 200x200mm x 6m  **QTY: 30 m3** |  |  |  |
| 2 | Plywood 1220 x2440x10 mm. Glued veneers made from spruce.  **QTY: 40 EA** |  |  |  |
| 3 | Plywood 1220x2440x18 mm. Glued veneers made from birch with a "film layer" (water proof).  **QTY: 50 EA** |  |  |  |
| 4 | Plywood 1220x2440x 20 mm. Glued veneers made from birch with a "film layer" (water proof).  **QTY:50 EA** |  |  |  |
| 5 | Mineral wool for interior insulation 50 mm. Thermal conductivity: min ƛd=0.035 W/mK.  **QTY: 100 m2** |  |  |  |
| 6 | Mineral wool for interior insulation 100 mm. Thermal conductivity: min ƛd=0.035 W/mK.  **QTY: 100 m2** |  |  |  |

|  |
| --- |
| **LOT 5: PLUMBING** |

| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| --- | --- | --- | --- | --- |
| **Drain pipes for outside use** | | | | |
| 1 | PVC drain pipe Ø 110 mm  **QTY: 10 m** |  |  |  |
| 2 | PVC drain pipe Ø 160 mm  **QTY: 10 m** |  |  |  |
| 3 | PVC drain pipe Ø 200 mm  **QTY: 10 m** |  |  |  |
| 4 | PVC elbow 45° Ø 110 mm  **QTY: 10 EA** |  |  |  |
| 5 | PVC elbow 45° Ø 160 mm  **QTY: 10 EA** |  |  |  |
| 6 | PVC elbow 45° Ø 200 mm  **QTY: 10 EA** |  |  |  |
| 7 | PVC 45° oblique junction with 2 sockets Ø 110 mm  **QTY: 10 EA** |  |  |  |
| 8 | PVC 45° oblique junction with 2 sockets Ø 160 mm  **QTY: 10 EA** |  |  |  |
| 9 | PVC 45° oblique junction with 2 sockets Ø 160 x 110 mm  **QTY: 10 EA** |  |  |  |
| 10 | PVC 45° oblique junction with 2 sockets Ø 200 mm  **QTY: 10 EA** |  |  |  |
| 11 | PVC 45° oblique junction with 2 sockets Ø 200 x 110 mm  **QTY: 10 EA** |  |  |  |
| 12 | PVC 45° oblique junction with 2 sockets Ø 200 x 160 mm  **QTY: 10 EA** |  |  |  |
| 13 | PVC coupling double socket Ø 110 mm  **QTY: 10 EA** |  |  |  |
| 14 | PVC coupling double socket Ø 160 mm  **QTY: 10 EA** |  |  |  |
| 15 | PVC coupling double socket Ø 200 mm  **QTY: 10 EA** |  |  |  |
| 16 | PVC reducer, 200 x 160 mm  **QTY: 10 EA** |  |  |  |
| 17 | PVC reducer, 160 x 110 mm  **QTY: 10 EA** |  |  |  |
| 18 | Cap PVC 110 mm  **QTY: 10 EA** |  |  |  |
| 19 | Cap PVC 160 mm  **QTY: 10 EA** |  |  |  |
| 20 | Cap PVC 200 mm  **QTY: 10 EA** |  |  |  |
| 21 | Rubber ring for PVC pipe 110 mm  **QTY: 10 EA** |  |  |  |
| 22 | Rubber ring for PVC pipe 160 mm  **QTY: 10 EA** |  |  |  |
| 23 | Rubber ring for PVC pipe 200 mm  **QTY: 10 EA** |  |  |  |
| 24 | HT drain pipe Ø 50 mm for Interior Use  **QTY: 50 m** |  |  |  |
| 25 | HT drain pipe Ø 75 mm for Interior Use  **QTY: 100 m** |  |  |  |
| 26 | HT drain pipe Ø 110 mm for Interior Use  **QTY: 50 m** |  |  |  |
| 27 | HTP elbow 45° Ø 50 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 28 | HTP elbow 90° Ø 50 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 29 | HTP elbow 45° Ø 75 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 30 | HTP elbow 90° Ø 75 mm for Interior Use  **QTY: 50 EA** |  |  |  |
| 31 | HTP elbow 45° Ø 110 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 32 | HTP elbow 90° Ø 110 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 33 | HTP 45° oblique junction with 2 sockets Ø 50 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 34 | HTP 45° oblique junction with 2 sockets  Ø 75 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 35 | HTP 45° oblique junction with 2 sockets  Ø 75 x 50 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 36 | HTP 45° oblique junction with 2 sockets  Ø 110 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 37 | HTP 45° oblique junction with 2 sockets  Ø 110 x 50 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 38 | HTP 45° oblique junction with 2 sockets  Ø 110 x 75 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 39 | HTP coupling double socket Ø 50 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 40 | HTP coupling double socket  Ø 75 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 41 | HTP coupling double socket  Ø 110 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 42 | HTP reducer, 75 x 50 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 43 | HTP reducer, 110 x 50 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 44 | HTP reducer, 110 x 75 mm for Interior Use  **QTY: 20 EA** |  |  |  |
| 45 | Rubber ring for HTP pipe 110 mm  **QTY: 100 EA** |  |  |  |
| 46 | Rubber ring for HTP pipe 75 mm  **QTY: 100 EA** |  |  |  |
| 47 | Rubber ring for HTP pipe 50 mm  **QTY: 100 EA** |  |  |  |
| 48 | WC Flexible Hose fi 100 mm length 240-500mm PVC White Colour  **QTY: 20 EA** |  |  |  |
| 49 | Rubber Seal for P Trap fi 40mm for use on,  Drain Pipes Ø 50mm  **QTY: 20 EA** |  |  |  |
| 50 | Water pipe Polyethylene Ø 20mm.  Max pressure PN 10 (10bar). DIN 8074.  **QTY: 100m** |  |  |  |
| 51 | Water pipe Polyethylene Ø 25mm.  Max pressure PN 10 (10bar). DIN 8074.  **QTY: 100m** |  |  |  |
| 52 | Water pipe Polyethylene Ø 32mm.  Max pressure PN 10 (10bar). DIN 8074.  **QTY: 100m** |  |  |  |
| 53 | Water pipe Polyethylene Ø 50mm.  Max pressure PN 10 (10bar). DIN 8074.  **QTY: 50m** |  |  |  |
| 54 | PP-R Water Pipe for Cold & Hot Water 1/2" Wall Thickness 1.8mm 4mtr long White Colour. Certified for max pressure 10 bar.  **QTY: 40m** |  |  |  |
| 55 | PP-R Water Pipe for Cold & Hot Water 3/4" Wall Thickness 1.8mm 4mtr long White Colour. Certified for max pressure 10 bar.  **QTY: 20m** |  |  |  |
| 56 | Elbow for PPR Water Pipe 1/2"-90° with threads Female. Certified for max pressure 10 bar  **QTY: 40 EA** |  |  |  |
| 57 | Elbow for PPR Water Pipe 1/2"-90° with threads Male. Certified for max pressure 10 bar  **QTY: 40 EA** |  |  |  |
| 58 | Elbow for PPR Water Pipe 3/4"-90° with threads Male. Certified for max pressure 10 bar  **QTY: 10 EA** |  |  |  |
| 59 | Elbow for PPR Water Pipe 1/2"-90° White Colour. Certified for max pressure 10 bar  **QTY: 50 EA** |  |  |  |
| 60 | Elbow for PPR Water Pipe 3/4"-90° White Colour. Certified for max pressure 10 bar  **QTY: 50 EA** |  |  |  |
| 61 | Elbow for PPR Water Pipe 1/2"-45° White Colour. Certified for max pressure 10 bar  **QTY: 50 EA** |  |  |  |
| 62 | Tee for PPR Water Pipe 1/2"-1/2" White Colour. Certified for max pressure 10 bar  **QTY: 40 EA** |  |  |  |
| 63 | Tee for PPR Water Pipe 3/4"-3/4" White Colour. Certified for max pressure 10 bar  **QTY: 10 EA** |  |  |  |
| 64 | Tee for PPR Water Pipe 1/2"-1/2" Threaded Female White Colour. Certified for max pressure 10 bar  **QTY: 40 EA** |  |  |  |
| 65 | Tee for PPR Water Pipe 3/4"-3/4" Threaded Female White Colour. Certified for max pressure 10 bar  **QTY: 10 EA** |  |  |  |
| 66 | Tee for PPR Water Pipe 1/2"-1/2" Threaded Male White Colour. Certified for max pressure 10 bar  **QTY: 40 EA** |  |  |  |
| 67 | Threaded Coupling for PPR Pipe 1/2" Female White Colour. Certified for max pressure 10 bar  **QTY: 40 EA** |  |  |  |
| 68 | Threaded Coupling for PPR Pipe 1/2" Male White Colour. Certified for max pressure 10 bar  **QTY: 40 EA** |  |  |  |
| 69 | Threaded Coupling for PPR Pipe 3/4" Male White Colour. Certified for max pressure 10 bar  **QTY: 10 EA** | **3.50 euro** |  |  |
| 70 | Elbow for PPR Water Pipe 1/2"-90° with threads Female With Double Fixing Brackets. Certified for max pressure 10 bar  **QTY: 40 EA** |  |  |  |
| 71 | Elbow for PPR Water Pipe 1/2"-90° with threads Female With Double Fixing Brackets. Certified for max pressure 10 bar  QTY: **5 EA** |  |  |  |
| 72 | Adaptor Metal Plastic PVC 1/2" White Colour Male  **QTY: 40 EA** |  |  |  |
| 73 | Adaptor Metal Plastic PVC 3/4" White Colour Male  **QTY: 1 EA** |  |  |  |
| 74 | Ball Valve for PPR Pipe 1/2" White Colour  **QTY: 20 EA** |  |  |  |
| 75 | Ball Valve for PPR Pipe 3/4" White Colour  **QTY: 20 EA** |  |  |  |
| 76 | Pipe Clamp (Pipe Holder 1/2")White Colour  **QTY: 200 EA** |  |  |  |
| 77 | Bridge (Crossover Pipe)1/2" White Colour  **QTY: 20 EA** |  |  |  |
| 78 | Straight fitting double coupling for PE pipe Ø 20 mm. Material: brass  **QTY: 10 EA** |  |  |  |
| 79 | Straight fitting double coupling for PE pipe  Ø 25 mm. Material: brass  **QTY: 20 EA** |  |  |  |
| 80 | Straight fitting double coupling for PE pipe  Ø 32 mm. Material: brass  **QTY: 20 EA** |  |  |  |
| 81 | Straight fitting double coupling for PE pipe  Ø 50 mm. Material: brass  **QTY: 10 EA** |  |  |  |
| 82 | Elbow 90° for PE pipe Ø20mm. Material brass  **QTY: 10 EA** |  |  |  |
| 83 | Elbow 90° for PE pipe Ø25mm. Material brass  **QTY: 20 EA** |  |  |  |
| 84 | Elbow 90° for PE pipe Ø32mm. Material brass  **QTY: 20 EA** |  |  |  |
| 85 | Elbow 90° for PE pipe Ø50mm. Material brass  **QTY: 10 EA** |  |  |  |
| 86 | T-coupling for PE pipe Ø 20 mm. Material: brass  **QTY: 10 EA** |  |  |  |
| 87 | T-coupling for PE pipe Ø 25 mm. Material: brass  **QTY: 20 EA** |  |  |  |
| 88 | T-coupling for PE pipe Ø 32 mm. Material: brass  **QTY: 20 EA** |  |  |  |
| 89 | T-coupling for PE pipe Ø 50 mm. Material: brass  **QTY: 10 EA** |  |  |  |
| 90 | Compressed Double Coupling 1/2" Made of Brass With Elastic Ring  **QTY: 20 EA** |  |  |  |
| 91 | Compressed Double Coupling 3/4" Made of Brass With Elastic Ring  **QTY: 20 EA** |  |  |  |
| 92 | Compressed Double Coupling 1" Made of Brass With Elastic Ring  **QTY: 20 EA** |  |  |  |
| 93 | Compressed Double Coupling 5/4 "  Made of Brass With Elastic Ring  **QTY: 20 EA** |  |  |  |
| 94 | Compressed Double Coupling 6/4")  Made of Brass With Elastic Ring  **QTY: 20 EA** |  |  |  |
| 95 | Compressed Double Coupling 2"  Made of Brass With Elastic Ring  **QTY: 20 EA** |  |  |  |
| 96 | Semi Coupling 1/2"  With Elastic Ring Made of brass  **QTY: 20 EA** |  |  |  |
| 97 | Semi Coupling 3/4"  With Elastic Ring Made of brass  **QTY: 20 EA** |  |  |  |
| 98 | Semi Coupling 1"  With Elastic Ring Made of brass  **QTY: 20 EA** |  |  |  |
| 99 | Semi Coupling 5/4"  With Elastic Ring Made of brass  **QTY: 20 EA** |  |  |  |
| 100 | Semi Coupling 6/4"  With Elastic Ring Made of brass  **QTY: 20 EA** |  |  |  |
| 101 | Semi Coupling 2"  With Elastic Ring Made of brass  **QTY: 20 EA** |  |  |  |
| 102 | Pipe galvanized. 1/2"  **QTY: 1 m** |  |  |  |
| 103 | Pipe galvanized. 3/4"  **QTY: 1 m** |  |  |  |
| 104 | Pipe galvanized. 1"  **QTY: 1 m** |  |  |  |
| 105 | Pipe galvanized. 1 1/4"  **QTY: 1 m** |  |  |  |
| 106 | Pipe galvanized. 1 1/2"  **QTY: 1 m** |  |  |  |
| 107 | Pipe galvanized. 2"  **QTY: 1 m** |  |  |  |
| 108 | Aluplast Pipe for Heating and Water  Ø16 mm. 1 mm wall thickness  **QTY: 10 m** |  |  |  |
| 109 | Female Brass Coupling for PE-X Pipe and AL-PE-X Pipe Ø 16mm Wall Thickness 1mm  **QTY: 20 EA** |  |  |  |
| 110 | Male Brass Coupling for PE-X Pipe and AL-PE-X Pipe Ø 16mm Wall Thickness 1mm  **QTY: 20 EA** |  |  |  |
| 111 | Elbow Male for PE-X Pipe and AL-PE-X Pipe  Ø 16mm Wall Thickness 1mm  **QTY: 20 EA** |  |  |  |
| 112 | Elbow Female for PE-X Pipe and AL-PE-X Pipe Ø 16mm Wall Thickness 1mm  **QTY: 20 EA** |  |  |  |
| 113 | Tee Male for PE-X Pipe and AL-PE-X Pipe  Ø 16mm Wall Thickness 1mm  **QTY: 20 EA** |  |  |  |
| 114 | Tee Female for PE-X Pipe and AL-PE-X Pipe  Ø 16mm Wall Thickness 1mm  **QTY: 20 EA** |  |  |  |
| 115 | Coupling for PE-X Pipe and AL-PE-X Pipe  Ø 16mm Wall Thickness 1mm  **QTY: 20 EA** |  |  |  |
| 116 | Ball Valve for PE-X Pipe and AL-PE-X Pipe  Ø 16mm Wall Thickness 1mm  **QTY: 20 EA** |  |  |  |
| 117 | Coupling galvanized 1/2"  **QTY: 20 EA** |  |  |  |
| 118 | Coupling galvanized 3/4"  **QTY: 20 EA** |  |  |  |
| 119 | Coupling galvanized 1"  **QTY: 2 EA** |  |  |  |
| 120 | Coupling galvanized 1-1/4"  **QTY: 2 EA** |  |  |  |
| 121 | Coupling galvanized 1-1/2"  **QTY: 2 EA** |  |  |  |
| 122 | Coupling galvanized 2"  **QTY: 2 EA** |  |  |  |
| 123 | Elbow 90° galvanized 1/2"  **QTY: 2 EA** |  |  |  |
| 124 | Elbow 90° galvanized 3/4"  **QTY: 2 EA** |  |  |  |
| 125 | Elbow 90° galvanized 1"  **QTY: 2 EA** |  |  |  |
| 126 | Elbow 90° galvanized 1-1/4"  **QTY: 2 EA** |  |  |  |
| 127 | Elbow 90° galvanized 1-1/2"  **QTY: 2 EA** |  |  |  |
| 128 | Elbow 90° galvanized 2"  **QTY: 2 EA** |  |  |  |
| 129 | Nipple galvanized 1/2"  **QTY: 2 EA** |  |  |  |
| 130 | Nipple galvanized 3/4"  **QTY: 2 EA** |  |  |  |
| 131 | Nipple galvanized 1"  **QTY: 2 EA** |  |  |  |
| 132 | Nipple galvanized 1-1/4"  **QTY: 2 EA** |  |  |  |
| 133 | Nipple galvanized 1-1/2"  **QTY: 2 EA** |  |  |  |
| 134 | Nipples galvanized 2"  **QTY: 2 EA** |  |  |  |
| 135 | T galvanized 1/2"  **QTY: 2 EA** |  |  |  |
| 136 | T galvanized 3/4"  **QTY: 20 EA** |  |  |  |
| 137 | T galvanized 1"  **QTY: 2 EA** |  |  |  |
| 138 | T galvanized 1-1/4"  **QTY: 2 EA** |  |  |  |
| 139 | T galvanized 1-1/2"  **QTY: 2 EA** |  |  |  |
| 140 | T galvanized 2"  **QTY: 2 EA** |  |  |  |
| 141 | Plug galvanized square head 1/2"  **QTY: 1 EA** |  |  |  |
| 142 | Plug galvanized square head 3/4"  **QTY: 1 EA** |  |  |  |
| 143 | Plug galvanized square head 1"  **QTY: 1 EA** |  |  |  |
| 144 | Plug galvanized square head 1-1/4"  **QTY: 1 EA** |  |  |  |
| 145 | Plug galvanized square head 1-1/2"  **QTY: 1 EA** |  |  |  |
| 146 | Plug galvanized square head 2"  **QTY: 10 EA** |  |  |  |
| 147 | Union galvanized 1/2"  **QTY: 10 EA** |  |  |  |
| 148 | Union galvanized 3/4"  **QTY: 10 EA** |  |  |  |
| 149 | Union galvanized 1"  **QTY: 10 EA** |  |  |  |
| 150 | Union galvanized 1-1/4"  **QTY: 10 EA** |  |  |  |
| 151 | Union galvanized 1-1/2"  **QTY: 10 EA** |  |  |  |
| 152 | Union galvanized 2"  **QTY: 10 EA** |  |  |  |
| 153 | Reducer galvanized 1" x 1/2"  **QTY: 10 EA** |  |  |  |
| 154 | Reducer galvanized 1" x 3/4"  **QTY: 10 EA** |  |  |  |
| 155 | Reducer galvanized 3/4 x 1/2"  **QTY: 10 EA** |  |  |  |
| 156 | Reducer galvanized 1-1/4" x 1"  **QTY: 10 EA** |  |  |  |
| 157 | Reducer galvanized 1 1/2" x 1-1/4"  **QTY: 10 EA** |  |  |  |
| 158 | Reducer galvanized 2" x 1-1/2"  **QTY: 10 EA** |  |  |  |
| 159 | Brass gate valve 1/2"  **QTY: 20 EA** |  |  |  |
| 160 | Brass gate valve 3/4"  **QTY: 20 EA** |  |  |  |
| 161 | Brass gate valve 1"  **QTY: 20 EA** |  |  |  |
| 162 | Brass gate valve 1-1/4"  **QTY: 20 EA** |  |  |  |
| 163 | Brass gate valve 1-1/2"  **QTY: 20 EA** |  |  |  |
| 164 | Brass gate valve 2"  **QTY: 20 EA** |  |  |  |
| 165 | Valve angle 1/2" x 1/2", non-polished, chrome.  **QTY: 10 EA** |  |  |  |
| 166 | Valve angle 1/2" x 3/8", non-polished, chrome.  **QTY: 10 EA** |  |  |  |
| 167 | Stainless Steel Two-way Angle Valve 1/2-1/2-1/2    **QTY: 1 EA** |  |  |  |
| 168 | Valve angle 3/4 " x 1/2", non-polished, chrome.  **QTY: 10 EA** |  |  |  |
| 169 | Brass ball valve with flat handle, 1/2"  **QTY: 4 EA** |  |  |  |
| 170 | Brass ball valve with flat handle 3/4"  **QTY: 4 EA** |  |  |  |
| 171 | Brass ball valve with flat handle 1"  **QTY: 4 EA** |  |  |  |
| 172 | Brass ball valve with flat handle 1 1/4"  **QTY: 4 EA** |  |  |  |
| 173 | Brass ball valve with flat handle 1 1/2"  **QTY: 4 EA** |  |  |  |
| 174 | Brass ball valve with flat handle 2"  **QTY: 1 EA** |  |  |  |
| 175 | Universal brass check valve, 1/2"  **QTY: 20 EA** |  |  |  |
| 176 | Universal brass check valve, 3/4"  **QTY: 20 EA** |  |  |  |
| 177 | Universal brass check valve, 1"  **QTY: 1 EA** |  |  |  |
| 178 | Universal brass check valve, 1-1/4"  **QTY: 2 EA** |  |  |  |
| 179 | Universal brass check valve, 1-1/2"  **QTY: 1 EA** |  |  |  |
| 180 | Universal brass check valve, 2"  **QTY: 1 EA** |  |  |  |
| 181 | Safety Valve for Water Heater 1/2" (Boiler)  **QTY: 10 EA** |  |  |  |
| 182 | Garden Water Tap with Flat Handle 1/2" Ball Bib Cock  **QTY: 1 EA** |  |  |  |
| 183 | Garden Water Tap with Flat Handle 3/4"  Ball Bib Cock  **QTY: 1 EA** |  |  |  |
| 184 | Garden Water Tap with Flat Handle 1"  Ball Bib Cock  **QTY: 20 EA** |  |  |  |
| 185 | Water tap 1/2"  **QTY: 20 EA** |  |  |  |
| 186 | Stainless steel flexible hose 1/2" x 1/2"  60cm long. Both side brass nut, nickel plated.  **QTY: 20 EA** |  |  |  |
| 187 | Stainless steel flexible hose 1/2" x 1/2"  80cm long. One side brass nut, nickel plated.  **QTY: 20 EA** |  |  |  |
| 188 | Stainless steel flexible hose 1/2" x 3/8"  50cm long. Both side brass nut, nickel plated.  **QTY: 20 EA** |  |  |  |
| 189 | Stainless steel flexible hose 3/8" x 3/8"  50cm long. Both side brass nut, nickel plated.  **QTY: 20 EA** |  |  |  |
| 190 | Armaflex, elastomeric, thermal pipe insulation. Pipe dim. 1/2", Insulation thickness 13 mm.  **QTY: 10 m** |  |  |  |
| 191 | Armaflex, elastomeric, thermal pipe insulation. Pipe dim. 3/4", Insulation thickness 13 mm.  **QTY: 10 m** |  |  |  |
| 192 | Armaflex, elastomeric, thermal pipe insulation. Pipe dim. 1", Insulation thickness 13 mm.  **QTY: 10 m** |  |  |  |
| 193 | Armaflex, elastomeric, thermal pipe insulation. Pipe dim. 1 1/4", Insulation thickness 13 mm.  **QTY: 10 m** |  |  |  |
| 194 | Armaflex, elastomeric, thermal pipe insulation. Pipe dim. 1 1/2", Insulation thickness 13 mm.  **QTY: 10 m** |  |  |  |
| 195 | Armaflex, elastomeric, thermal pipe insulation. Pipe dim. 2", Insulation thickness 13 mm.  **QTY: 10 m** |  |  |  |
| 196 | Fire hose dia 52mm length 10 m'  **QTY: 1 EA** |  |  |  |
| 197 | Garden hose reinforced 3/4"  **QTY: 10 m** |  |  |  |
| 198 | Water meter. Qn 5-6 (7 - 10 m3) for cold water, 3/4", length 260 mm.  **QTY: 1 EA** |  |  |  |
| 199 | Water meter. Qn 5-6 (7 - 10 m3) for cold water, 1", length 260 mm.  **QTY: 1 EA** |  |  |  |
| 200 | Bathtub Trap – ABS drain body, Flexible hose Ø40 is 500mm long, Trap grid Ø65    **QTY: 10 EA** |  |  |  |
| 201 | Trap for Urinal horizontal Mounted White Colour Supplied With Rubber Seal for Ø 50mm Pipe  **QTY: 10 EA** |  |  |  |
| 202 | P-trap washbasin flexible  **QTY: 10 EA** |  |  |  |
| 203 | http://fluida-bg.com/assets/files/6707/float-valve.jpgQuick Stop Float Valve Inlet Connector 1" Made of PP Materials Resistant in Temperatures up to 60'  **QTY: 1 EA** |  |  |  |
| 204 | Cleanout plug PVC 100mm  **QTY: 10 EA** |  |  |  |
| 205 | Aluminium Foil Adhesive Tape - 48mm x 50m  **QTY: 10 roll** |  |  |  |
| 206 | Duct tape professional heavy duty. (50 m roll)  **QTY: 20 roll** |  |  |  |
| 207 | Standard Classic Floor Drains 150x150mm Drain Pipe Ø 50 body made of plastic and grid made of stainless steel. Main advantages:  – Minimum installation height – 69 – 78mm  – Maximum flow rate – 58l/min  – Unlimited levelling of ceramic  – Modularity – 5 different output options,  4 different siphons, 11 grid options  – Rotatable output – 360 degrees base rotation +  15 degrees angle rotation.  C:\Users\nlimani\Desktop\Materials 2020-2021\standard-classic-23-300x300 (1).jpg  **QTY: 1 EA** |  |  |  |
| 208 | Standard Classic Floor Drains 200x100 Drain Pipe Ø 50 body made of plastic and grid made of stainless steel Main advantages:  – Minimum installation height – 69 – 78mm  – Maximum flow rate –60 l/min  – Unlimited levelling of ceramic  – Modularity – 5 different output options,  4 different siphons, 11 grid options  – Rotatable output – 360 degrees base rotation +  15 degrees angle rotation.  C:\Users\nlimani\Desktop\Materials 2020-2021\standard-classic-23-300x300 (1).jpg**QTY: 1 EA** |  |  |  |
| 209 | PVC gully head floor type 75 mm 10X50 Cm  **QTY: 1 EA** |  |  |  |
| 210 | Mirrors tempered glass with PVC White frame, 40 x 60 cm.  **QTY: 10 EA** |  |  |  |
| 211 | http://www.h2odistributors.com/global/productpics/l/sh-cpg-5-1_l.jpgShower Head Made of Chrome Wall Mounted with 1/2 Connector Male Threaded  **QTY: 10 EA** |  |  |  |
| 212 | Male Threaded Shower & Faucet Aerator Made of Chrome with Connector 3/4 Threads Including Rubber Seal Washer  http://ecx.images-amazon.com/images/I/41qPkHI3ywL._SX300_.jpg**QTY: 10 EA** |  |  |  |
| 213 | Shower curtain, size: H 200 x W150 cm.  **QTY: 10 EA** |  |  |  |
| 214 | Shower faucets C/W trim  **QTY: 1 EA** |  |  |  |
| 215 | Shower rail, length: 90 x 90 cm.  **QTY: 10 EA** |  |  |  |
| 216 | Automatic Mix Taps for shower basin.  **QTY: 10 EA** |  |  |  |
| 217 | Flexible Shower Hose Made of Chrome Mixing Tape with Shower Handle Hose length 1.5mtr  **QTY: 10 EA** |  |  |  |
| 218 | Adjustable flow rate shower head including shower rail  **QTY: 10 EA** |  |  |  |
| 219 | Washbasin porcelain 500 - 550 mm, with screws. Colour white.  **QTY: 10 EA** |  |  |  |
| 220 | Wash basin faucet. High quality brass (copper content: more than 58%) colour chrome. Inner and outer packing.  **QTY: 6 set** |  |  |  |
| 221 | Sink mixer - low pressure - **medical handle**. High quality brass (copper content: more than 58%) colour chrome. Inner and outer packing.  **QTY: 10 set** |  |  |  |
| 222 | Air-condition Bracket for AC Units 12000BTU 2Pcs Set  **QTY: 10 set** |  |  |  |
| 223 | Air-conditioning Disinfectant spray 250-400ml container  **QTY: 10 EA** |  |  |  |
| 224 | Copper Soft Refrigeration Pipe 1/4"  **QTY: 20 m** |  |  |  |
| 225 | Copper Soft Refrigeration Pipe 3/8"  **QTY: 20 m** |  |  |  |
| 226 | Copper Soft Refrigeration Pipe 1/2"  **QTY: 20 m** |  |  |  |
| 227 | Copper Soft Refrigeration Pipe 3/4"  **QTY: 20 m** |  |  |  |
| 228 | Thermal insulation for copper Pipe 1/4" used for AC.  **QTY: 20 m** |  |  |  |
| 229 | Thermal insulation for copper Pipe 1/2" used for AC.  **QTY: 20 m** |  |  |  |
| 230 | Thermal insulation for copper Pipe 3/4" used for AC.  **QTY: 20 m** |  |  |  |
| 231 | Vacuum Cleaner for Air-condition Filters 2000 Wat power Industrial Use  **QTY: 1 EA** |  |  |  |
| 232 | Welding Electrodes for Copper Contents 20% Silver, 80% Copper  **QTY: 10 kg** |  |  |  |
| 233 | Drain Pipe for Air-conditions 1/2" ribbed colourless  **QTY: 50 m** |  |  |  |
| 234 | Boric Acid/Borax Free Fluxes 0.5Kg Pack  **QTY: 5 pack** |  |  |  |
| 235 | Copper Type M Hard Temper Straight Pipe for plumbing and heating 3/8"x 4mtr,1mm wall thickness  **QTY: 24 m** |  |  |  |
| 236 | Copper Type M Hard Temper Straight Pipe for plumbing and heating 1/2"x 4mtr,1mm wall thickness  **QTY: 24 m** |  |  |  |
| 237 | Copper Type M Hard Temper Straight Pipe for plumbing and heating ¾”x4mtr,1mm wall thickness  **QTY: 24 m** |  |  |  |
| 238 | Copper Type M Hard Temper Straight Pipe for plumbing and heating 1""x 4mtr,1mm wall thickness  **QTY: 24 m** |  |  |  |
| 239 | Elbow 90" Copper 1mm Wall Thickness Both Ends With Stops Copper-Copper 3/8"  **QTY: 10 EA** |  |  |  |
| 240 | Elbow 90" Copper 1mm Wall Thickness Both Ends With Stops Copper-Copper 1/2"  **QTY: 10 EA** |  |  |  |
| 241 | Elbow 90" Copper 1mm Wall Thickness Both Ends With Stops Copper-Copper 5/8"  **QTY: 10 EA** |  |  |  |
| 242 | Elbow 90" Copper 1mm Wall Thickness Both Ends With Stops Copper-Copper 3/4"  **QTY: 10 EA** |  |  |  |
| 243 | Elbow45" Copper 1mm Wall Thickness Both Ends With Stops Copper-Copper 3/8"  **QTY: 10 EA** |  |  |  |
| 244 | Elbow45" Copper 1mm Wall thickness Both Ends With Stops Copper-Copper 1/2"  **QTY: 10 EA** |  |  |  |
| 245 | Elbow45" Copper 1mm Wall thickness Both Ends With Stops Copper-Copper 5/8"  **QTY: 10 EA** |  |  |  |
| 246 | Elbow45" Copper 1mm Wall thickness Both Ends With Stops Copper-Copper 3/4"  **QTY: 10 EA** |  |  |  |
| 247 | Coupling Copper 1mm Wall thickness 1/4"  **QTY: 10 EA** |  |  |  |
| 248 | Coupling Copper 1mm Wall thickness 3/8"  **QTY: 10 EA** |  |  |  |
| 249 | Coupling Copper 1mm Wall thickness 1/2"  **QTY: 10 EA** |  |  |  |
| 250 | Coupling Copper 1mm Wall thickness 5/8"  **QTY: 10 EA** |  |  |  |
| 251 | Coupling Copper 1mm Wall thickness 3/4"  **QTY: 10 EA** |  |  |  |
| 252 | Reducer Copper 1mm Wall thickness 3/8"-1/4"  **QTY: 10 EA** |  |  |  |
| 253 | Reducer Copper 1mm Wall thickness 1/2"-3/8"  **QTY: 10 EA** |  |  |  |
| 254 | Reducer Copper 1mm Wall thickness 5/8"-1/2"  **QTY: 10 EA** |  |  |  |
| 255 | Reducer Copper 1mm Wall thickness 3/4"-1/2"  **QTY: 10 EA** |  |  |  |
| 256 | Tee Connector 1/2" - 3/8" Copper 1mm Wall thickness  **QTY: 10 EA** |  |  |  |
| 257 | Tee Connector 1/2" - 1/2" Copper 1mm Wall thickness  **QTY: 10 EA** |  |  |  |
| 258 | Tee Connector 3/4" -1/2" Copper 1mm Wall thickness  **QTY: 10 EA** |  |  |  |
| 259 | Tee Connector 3/4" - 3/4" Copper 1mm Wall thickness  **QTY: 10 EA** |  |  |  |
| 260 | Tee Connector 3/4" - 1" Copper 1mm Wall thickness  **QTY: 10 EA** |  |  |  |
| 261 | Valve Ball 3/8" With Flat Handle for Copper Pipes  **QTY: 10 EA** |  |  |  |
| 262 | Valve Ball 1/2" With Flat Handle for Copper Pipes  **QTY: 10 EA** |  |  |  |
| 263 | Valve Ball 3/4" With Flat Handle for Copper Pipes  **QTY: 10 EA** |  |  |  |
| 264 | Valve Ball 1" With Flat Handle for Copper Pipes  **QTY: 10 EA** |  |  |  |
| 265 | Copper C x FPT Adapter 1/4" Female  **QTY: 10 EA** |  |  |  |
| 266 | Copper C x FPT Adapter 3/8" Female  **QTY: 10 EA** |  |  |  |
| 267 | Copper C x FPT Adapter 1/2" Female  **QTY: 10 EA** |  |  |  |
| 268 | Copper C x FPT Adapter 3/4" Female  **QTY: 10 EA** |  |  |  |
| 269 | Copper C x FPT Adapter 1/4" Male  **QTY: 10 EA** |  |  |  |
| 270 | Copper C x FPT Adapter 3/8" Male  **QTY: 10 EA** |  |  |  |
| 271 | Copper C x FPT Adapter 1/2" Male  **QTY: 10 EA** |  |  |  |
| 272 | Copper C x FPT Adapter 3/4" Male  **QTY: 10 EA** |  |  |  |
| 273 | Micro Air Release Valve-ARVX 1/2"  **QTY: 5 EA** |  |  |  |
| 274 | Micro Air Release Valve-ARVX 3/4"  **QTY: 5 EA** |  |  |  |
| 275 | Thermostatic Valve for Radiator 1/2"  **QTY: 10 EA** |  |  |  |
| 276 | Thermostatic Valve for Radiator 3/4"  **QTY: 10 EA** |  |  |  |
| 277 | Brass Valve for Radiator 1/2"  **QTY: 10 EA** |  |  |  |
| 278 | Brass Valve for Radiator 3/4"  **QTY: 10 EA** |  |  |  |
| 279 | Soldering Wire for Copper Pipes in Roll of 20mtr  **QTY: 10 roll** |  |  |  |
| 280 | Loctite Thread Sealant 55 - Thread Pipe Sealant for plastic & metal, LC 55 in PVC Tube 150mtr  **QTY: 10 tube** |  |  |  |
| 281 | Teflon Tape in Roll 2cm Wide 50mtr roll  **QTY: 10 roll** |  |  |  |
| 282 | Two piece toilet bowl, ceramic toilet, Size: 640\*410\*730mm, S-trap, 300mm roughing-in, P-trap, 180mm roughing-in. With screws. Colour white.  **QTY: 1 EA** |  |  |  |
| 283 | WC Seat Cover Soft Close (ABS=plastic material) white colour, (Compatible with item Nr. 282)  **QTY: 10 EA** |  |  |  |
| 284 | Wall hung urinal with screws, Material ceramic, size: 34 x 30 cm, colour white.  **QTY: 1 EA** |  |  |  |
| 285 | WC bowl flush pipe, PVC.  **QTY: 4 EA** |  |  |  |
| 286 | Start-stop flushing plate for a single flush Internal Wall mounted WC Cistern Eco for a dual flush Suitable for flushing cisterns type 7512 (Herkul), 9012 (Jog) and 9052  **QTY: 20 EA** |  |  |  |
| 287 | WC cistern low mounted, material PVC, dim: 43 x 40 cm, colour white.  **QTY: 5 EA** |  |  |  |
| 288 | WC cistern refill tube  **QTY: 30 EA** |  |  |  |
| 289 | Float valve f/toilet cistern  **QTY: 8 EA** |  |  |  |
| 290 | Flush system f/toilet cistern  **QTY: 5 EA** |  |  |  |
| 291 | Flushing push valves for urinals 1/2" WI  **QTY: 2 EA** |  |  |  |
| 292 | Refrigerant R 410 A (11.3 kg. bottle)  **QTY: 2 bottle** |  |  |  |
| 293 | Freon Gas 407C 11.3KG Cylinder  **QTY: 2 cylinder** |  |  |  |
| 294 | Refrigerant R 22 A (13.6 kg. bottle)  **QTY: 2 bottle** |  |  |  |
| 295 | Refrigerant R 134 A (13.6 kg. bottle)  **QTY: 2 bottle** |  |  |  |
| 296 | Refrigerant R32 ( 9kg cylinder)  QTY: 10 cylinders |  |  |  |
| 297 | Propane and Mapgas Cylinder (1 kg. bottle)  **QTY: 20 bottle** |  |  |  |
| 298 | Hand Turbo Torch Burner Professional STK9 Model Conform to Standards UL STD 252 for LPG&MPS Gas for use with 14.1-16 OZ gas Container  **QTY: 2 EA** |  |  |  |
| 299 | Acetylene Gas for CO2 Welding Machine  **QTY: 200 ltr** |  |  |  |
| 300 | Mixed Gas for CO2 Welding Machine- CO2 Capacity of Gas Cylinder 25 Lit  **QTY: 200 ltr** |  |  |  |
| 301 | Welding Torch for Welding Machine with Wire including Hose 3Mtr Long  **QTY: 2 EA** |  |  |  |
| 302 | Brass Cylinder Valve - CO2 3/4 NGT Inlet for steel cylinders, 3360PSI safety for 2015PSI cylinders,  **QTY: 2 EA** |  |  |  |
| 303 | Brass Cylinder Valve - CGA540 Oxygen3/4 NGT Inlet for steel cylinders, 3360PSI safety for 2015PSI cylinders, CG1 Safety.  **QTY: 2 EA**  http://www.harrisonvalve.com/uploads/product/25/image.jpg |  |  |  |
| 304 | Gas Regulator for Carbone Dioxide, Single Stage Double Meter Regulator Inlet Pressure 0-200 bar Outlet Pressure 0-20 bar  http://3.imimg.com/data3/VR/VL/MY-431580/co2-regulator-250x250.jpgOutlet Connection: 3/4"BSP(R/H)MFlow- 4mÂ³/h(60lit/min) Use for Mig & Tig Welding purpose  **QTY: 2 EA** |  |  |  |
| 305 | Fire Hydrant Valve with Quick Connector Male/Female Thread for 2" Pipe  http://www.firefightingsystemrajasthan.com/productimages/LandingHydrantValves_big.jpg**QTY: 1 EA** |  |  |  |
| 306 | Electrical Water Boiler 10 lit Capacity, 2000 Wat Heater Element, 230 Volt Electrical Supply. Supply of two or more outlets. Under basin and over basin mounting option. Tank made of high quality sheet steel, enamel coated at 850°C.  • Magnesium anode for additional anti-corrosion protection of the tank. Insulated version of heating flange. Optional setting of water temperature of up to 75°C.  • Possibility of selecting an economical water temperature setting and freeze prevention temperature setting. Indicator of electric heating element operation.  • Can be used as a non-pressurized unit if properly connected and fitted with a mixer tap  http://www.gorenje.com/heating-systems/en/imagelib/magnified/products/appliances/tiki/products/new/bojler---gt-u---prerez.jpg**QTY: 3 EA** |  |  |  |
| 307 | Vertical wall mounting Electrical Water Boiler 50 Lit Capacity 2000 watt heater element.  Electric immersion heating element. Compact sizes suitable for small rooms. Arbitrary water temperature setting up to 75°C.with a rotating knob  Temperature setting options: economical temperature protection against freezing. Thermometer displaying water temperature inside water heater. Indicator of electric heating element operation. Tank made of high quality steel sheet, enamel coated at 850°C. Magnesium anode for additional anti-corrosion protection of tank.  Insulated version of heating flange prevents unnecessary consumption of magnesium anode at the surface of immersion heating element (long life of anode).  http://www.gorenje.com/heating-systems/en/imagelib/magnified/products/appliances/tiki/products/tgr-prerez-bojler.jpg**QTY: 3 EA** |  |  |  |
| 308 | Vertical wall mounting Electrical Water Boiler 80Lit Capacity 2000 wat Heater Element.  Electric immersion heating element. Compact sizes suitable for small rooms. Arbitrary water temperature setting up to 75°C.with a rotating knob  Temperature setting options: economical temperature protection against freezing. Thermometer displaying water temperature inside water heater. Indicator of electric heating element operation. Tank made of high quality steel sheet, enamel coated at 850°C. Magnesium anode for additional anti-corrosion protection of tank.  Insulated version of heating flange prevents unnecessary consumption of magnesium anode at the surface of immersion heating element (long life of anode).  **QTY: 3 EA** |  |  |  |
| 309 | Water Heater, Free standing model, Volume 200L, One heat exchanger.  Warranty 3 Years  Weight (kg) 65  Volume (L)200  Water tank enamelled  Diameter (mm) 670  Height/ Length [mm] 1230  Electric heating element Yes  Electric heating element power (kW) 3  Heat exchanger coil One heat exchanger coil  Installation Free standing  Control Mechanical control  Energy efficiency class C  Nominal pressure (MPa) 0.6  Heat exchanger surface (m2) 0.86  Standing loss (W)  C:\Users\nlimani\Desktop\Materials 2020-2021\thumb11_200_fzs.png**QTY: 1 EA** |  |  |  |
| 310 | ANTI VIBRATION FLEXIBLE HOSE 1"-52Cm long  **QTY: 10 EA** |  |  |  |
| 311 | Pressure Tank for Water Pump 24Lit Including Membrane Horizontal Mounted  **QTY: 1** **EA** |  |  |  |
| 312 | Automatic Pressure Regulator 16A -230Volt .Device avoids dry running working and protects the pump from over-suction capacity. 60 114 1”G Maximum Working Pressure 10 Bar, Protection Rating IP 65. 1" Connector ,Maximum Temperature 65 °C  **QTY: 1 EA** |  |  |  |
| 313 | Water Pump - Adjustable pressure switch (maximum height) - Bar pressure gauge field 0-7 - Pump 1 inch D. diameter - 24 - litre tank with membrane - Qmax = 70 l/min (maximum flow) Hmax=45 m - Absorptive max 24 m ( depth) - 220/50Hz-2.2 kv electric motor  **QTY: 1 EA** |  |  |  |
| 314 | Acrylic Shower base 90x90cm  With metal holder and side cover  Height: 18 to 25cm  Colour white  **QTY: 1 EA** |  |  |  |
| 315 | Acrylic Shower base 80x80cm  With metal holder and side cover  Height: 15 to 18 cm  Colour white  **QTY: 1 EA** |  |  |  |
| 316 | Enclosed Shower cabin 120cmx80   * Acrylic shower base with side cover * tempered glass panels (min 5mm)   **QTY: 1 EA** |  |  |  |
| 317 | Enclosed Shower cabin 90x90cm   * Acrylic shower base with side cover * tempered glass panels (min 5mm)   **QTY: 1 EA** |  |  |  |
| 318 | Pedestal washbasin  Length 440-450mm  Width 500-560mm  Height 830-840mm  **QTY: 3EA** |  |  |  |

|  |
| --- |
| **LOT 6: ELECTRICAL MATERIAL** |

| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| --- | --- | --- | --- | --- |
| **CABLES** | | | | |
| 1 | CABLE H 0 5 VV-F 3X2.5 MM2 FLEXIBLE-Cu  **QTY: 400 m** |  |  |  |
| 2 | CABLE H 0 5 VV-F 5X2.5 MM2 FLEXIBLE-Cu  **QTY: 400 m** |  |  |  |
| 3 | CABLE H 0 5 VV-F 5X16 MM2 FLEXIBLE-Cu  **QTY: 10 m** |  |  |  |
| 4 | CABLE H 0 5 VV-F 4X150 MM2 FLEXIBLE-Cu  **QTY: 10 m** |  |  |  |
| 5 | CABLE\_NYM-J\_(PPY CABLE) 5X2.5 MM2\_RIGID-Cu  **QTY: 400 m** |  |  |  |
| 6 | CABLE\_NYM-J\_(PPY CABLE) 5X6 MM2\_RIGID –Cu  **QTY: 200 m** |  |  |  |
| 7 | POWER CABLE\_NYY-J\_5X10MM2\_Cu  **QTY: 40 m** |  |  |  |
| 8 | POWER CABLE\_NYY-J\_4X16 MM2 Cu  **QTY: 10 m** |  |  |  |
| 9 | POWER CABLE\_NYY-J\_4X50MM2-Cu  **QTY: 10 m** |  |  |  |
| 10 | CABLE\_H 07 V-K\_ 6MM2\_SINGLE WIRE\_FLEXIBL BLACK/BLUE/YELLOW-GREEN-Cu  **QTY: 200 m** |  |  |  |
| 11 | CABLE\_H 07 V-K\_ 70MM2\_SINGLE WIRE\_FLEXIBLE\_YELLOW-GREEN-Cu  **QTY: 100 m** |  |  |  |
| 12 | SELF REGULATING HEATING CABLE-230V- POWER 20 - 25 W/m  **QTY: 50 m** |  |  |  |
| 13 | POWER CABLE H 0 5 VV-F 3X1.5 MM2 FLEXIBLE-Cu  **QTY: 10m** |  |  |  |
| 14 | CABLE H 0 5 VV-F 5X4 MM2 FLEXIBLE-Cu  **QTY: 10m** |  |  |  |
| 15 | CABLE H 0 5 VV-F 5X6 MM2 FLEXIBLE-Cu  **QTY: 10m** |  |  |  |
| 16 | CABLE H 0 5 VV-F 5X10 MM2 FLEXIBLE-Cu  **QTY: 10m** |  |  |  |
| 17 | CABLE H 0 5 VV-F 4X25 MM2 FLEXIBLE-Cu  **QTY:10m** |  |  |  |
| 18 | CABLE H 0 5 VV-F 4X35 MM2 FLEXIBLE-Cu  **QTY: 10m** |  |  |  |
| 19 | CABLE\_NYM-J\_(PPY CABLE) 3X1.5MM2\_RIGID-Cu  **QTY: 10m** |  |  |  |
| 20 | CABLE\_NYM-J\_(PPY CABLE) 3X2.5MM2\_RIGID-Cu  **QTY:10m** |  |  |  |
| 21 | CABLE\_NYM-J\_(PPY CABLE)\_5X1.5MM2\_RIGID-Cu  **QTY: 10m** |  |  |  |
| 22 | POWER CABLE\_NYY-J\_4X25MM2-Cu  **QTY: 10m** |  |  |  |
| 23 | POWER CABLE\_NYY-J\_4X35MM2-Cu  **QTY: 10m** |  |  |  |
| 24 | POWER CABLE\_NYY-J\_4X150MM2-Cu  **QTY:10m** |  |  |  |
| 25 | POWER CABLE\_NYY-J\_4X185MM2-Cu  **QTY:10m** |  |  |  |
| 26 | CABLE\_H 07 V-K\_ 10 MM2\_SINGLE WIRE\_FLEXIBLE\_BLACK-Cu  **QTY: 10m** |  |  |  |
| 27 | CABLE\_H 07 V-K\_ 16MM2\_SINGLE WIRE FLEXIBLE BLACK-Cu  **QTY: 10m** |  |  |  |
| 28 | CABLE\_H 07 V-K\_ 25MM2\_SINGLE WIRE\_FLEXIBLE BLACK-Cu  **QTY:10m** |  |  |  |
| 29 | CABLE\_H 07 V-K\_ 35MM2\_SINGLE WIRE\_YELLOW-GREEN-Cu  **QTY:10m** |  |  |  |
| CABLE LUGS | | | | |
| 30 | CABLE LUG\_ 2.5MM2\_RING\_N8\_CU\_CRIMPING TYPE\_INSULATED\_BLUE  **QTY: 100 EA** |  |  |  |
| 31 | CABLE LUG\_ 50MM2\_RING\_N10\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 100 EA** |  |  |  |
| 32 | CABLE LUG\_ 4MM2\_RING\_N8\_CU\_CRIMPING TYPE\_INSULATED\_YELLOW  **QTY: 1 EA** |  |  |  |
| 33 | CABLE LUG\_ 6MM2\_RING\_N8\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY:1 EA** |  |  |  |
| 34 | CABLE LUG\_ 10MM2\_RING\_N8\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 35 | CABLE LUG\_ 16MM2\_SPLICE\_N8\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 36 | CABLE LUG\_ 25MM2\_RING\_N8\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 37 | CABLE LUG\_ 35MM2\_RING\_N8\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 38 | CABLE LUG\_ 50MM2\_RING\_CONVERSION AL/CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 39 | CABLE LUG\_ 70MM2\_RING\_N10\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 40 | CABLE LUG\_ 95MM2\_RING\_N10\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 41 | CABLE LUG\_120MM2\_RING\_N10\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 42 | CABLE LUG\_150MM2\_RING\_N10\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 43 | CABLE LUG\_185MM2\_RING\_N10\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| 44 | CABLE LUG\_240MM2\_RING\_N10\_CU\_CRIMPING TYPE\_UNINSULATED  **QTY: 1 EA** |  |  |  |
| CIRCUIT BREAKERS/RESIDUAL CURRENT CIRCUIT BREAKERS/INDUSTRIAL FUSE, (MANUFACTURER ABB-HAGER OR EQUIVALENT) | | | | |
| 45 | MOLDED CASE CIRCUIT BREAKER, 4POLE ,160A  **QTY: 2 EA** |  |  |  |
| 46 | RESIDUAL CURRENT CIRCUIT BREAKER - FID 4 POLE 63A/0.500mA  **QTY: 4 EA** |  |  |  |
| 47 | CIRCUIT BREAKER\_MINIATURE\_MCB\_1-POLE\_ 25A\_TYPE C  **QTY: 60 EA** |  |  |  |
| 48 | CIRCUIT BREAKER\_MINIATURE\_MCB\_1-POLE\_ 40A\_TYPE C  **QTY: 60 EA** |  |  |  |
| 49 | CIRCUIT BREAKER\_MINIATURE\_MCB\_3-POLE\_ 63\_TYPE C  **QTY: 50 EA** |  |  |  |
| 50 | FUSE\_INDUSTRIAL KNIFE\_gL-gG\_500V\_ 160A\_NH00  **QTY: 24 EA** |  |  |  |
| 51 | FUSE\_INDUSTRIAL KNIFE\_gL-gG\_500V\_ 400A\_NH2  **QTY: 24 EA** |  |  |  |
| 52 | BUSBAR SUPPORT FOR CIRCUIT BREACKERS\_3 CONDUCTOR SYSTEM\_CU -1 m  **QTY: 10 EA** |  |  |  |
| 53 | MOLDED CASE CIRCUIT BREAKER,4POLE ,250A  **QTY: 1 EA** |  |  |  |
| 54 | RESIDUAL CURRENT CIRCUIT BREAKER - FID 4 POLE 40A/0.500Ma  **QTY: 1 EA** |  |  |  |
| 55 | CIRCUIT BREAKER\_MINIATURE\_MCB\_1-POLE\_ 10 \_TYPE B  **QTY: 1 EA** |  |  |  |
| 56 | CIRCUIT BREAKER\_MINIATURE\_MCB\_1-POLE\_ 16A\_TYPE C  **QTY: 1 EA** |  |  |  |
| 57 | CIRCUIT BREAKER\_MINIATURE\_MCB\_1-POLE\_ 20A\_TYPE C  **QTY: 1 EA** |  |  |  |
| 58 | CIRCUIT BREAKER\_MINIATURE\_MCB\_1-POLE\_ 25A\_TYPE B  **QTY: 1 EA** |  |  |  |
| 59 | CIRCUIT BREAKER\_MINIATURE\_MCB\_1-POLE\_ 32A\_TYPE B  **QTY: 1 EA** |  |  |  |
| 60 | CIRCUIT BREAKER\_MINIATURE\_MCB\_1-POLE\_ 50A\_TYPE C  **QTY:1 EA** |  |  |  |
| 61 | CIRCUIT BREAKER\_MINIATURE\_MCB\_2-POLE\_ 20\_TYPE B  **QTY:1 EA** |  |  |  |
| 62 | CIRCUIT BREAKER\_MINIATURE\_MCB\_2-POLE\_ 25\_TYPE B  **QTY: 1 EA** |  |  |  |
| 63 | CIRCUIT BREAKER\_MINIATURE\_MCB\_3-POLE\_ 16\_TYPE C  **QTY: 1 EA** |  |  |  |
| 64 | CIRCUIT BREAKER\_MINIATURE\_MCB\_3-POLE\_ 32\_TYPE C  **QTY: 1 EA** |  |  |  |
| 65 | FUSE\_INDUSTRIAL KNIFE\_gL-gG\_500V\_ 125A\_NH0  **QTY: 3 EA** |  |  |  |
| 66 | FUSE\_INDUSTRIAL KNIFE\_gL-gG\_500V\_ 63A\_NH00  **QTY: 3 EA** |  |  |  |
| 67 | FUSE\_INDUSTRIAL KNIFE\_gL-gG\_500V\_ 80A\_NH  **QTY: 3 EA** |  |  |  |
| **FUSE BASE /FUSE HOLDERS** | | | | |
| 68 | NH FUSE SWITCH DISCONNECTOR,63A,3 POLE,CONNECTION TOP OR BOTTON GY ROTATING  **QTY: 2 EA** |  |  |  |
| 69 | RAIL\_DIN\_"TOP HAT"-PROFILE\_PLAIN\_IN 1MTR LENGTH  **QTY: 30 EA** |  |  |  |
| 70 | NH FUSE SWITCH DISCONNECTOR,160A,3 POLE,CONNECTION TOP OR BOTTON GY ROTATING  **QTY: 1 EA** |  |  |  |
| 71 | FUSE BASE WITH HOLDER\_INDUSTRIAL KNIFE\_3-POLE\_ 400A\_SIZE 2\_BUSBAR MOUNT  **QTY: 1 EA** |  |  |  |
| 72 | FUSE BASE WITH HOLDER\_INDUSTRIAL KNIFE\_3POLE\_SIZE 0  **QTY: 1 EA** |  |  |  |
| **CONTACTORS. (ABB OR EQUIVALENT)** | | | | |
| 73 | CONTACTOR 3 POLE ,COIL CONTACTOR, 16A- 230V/AC  **QTY: 10 EA** |  |  |  |
| 74 | CONTACTOR 3 POLE 2NO/2NC,COIL CONTACTOR, 25A- 230V/AC  **QTY: 4 EA** |  |  |  |
| 75 | CONTACTOR 3 POLE 2NO/2NC,COIL CONTACTOR,800A- 230V/AC  **QTY: 2 EA** |  |  |  |
| 76 | OVERLOAD RELAY\_FOR CONTACTOR\_3-POLE\_16-32A  **QTY: 2 EA** |  |  |  |
| 77 | CONTACTOR 3 POLE 2NO/2NC,COIL CONTACTOR,63A- 230V/AC  **QTY: 1 EA** |  |  |  |
| **SOCKET/PLUGS** | | | | |
| 78 | SOCKET FLUSH SINGLE 220V -16A  **QTY: 100 EA** |  |  |  |
| 79 | SOCKET\_ STANDARD\_2P+E\_230V\_SINGLE\_ROUND\_ SURFACE MOUNT  **QTY: 30 EA** |  |  |  |
| 80 | SOCKET\_INDUSTRIAL\_3P+N+E\_32A\_400V\_RED\_SURFACE MOUNT\_IP44  **QTY: 30 EA** |  |  |  |
| 81 | SOCKET\_INDUSTRIAL\_3P+N+E\_63A\_400V\_RED\_FREE\_STRAIGHT\_IP44  **QTY: 50 EA** |  |  |  |
| 82 | SOCKET\_STANDARD\_2P+E\_230V\_DOUBLE\_SURFACE MOUNT\_WHITE  **QTY: 30 EA** |  |  |  |
| 83 | PLUG\_ STANDARD\_2P+E\_230V\_WHITE -16A  **QTY: 100 EA** |  |  |  |
| 84 | PLUG\_INDUSTRIAL\_3P+N+E\_63A\_400V\_ROUND\_RED\_FREE\_STRAIGHT\_IP44  **QTY: 4 EA** |  |  |  |
| 85 | PLUG\_RELAY SOCKET 11PIN ROUND PIN  **QTY: 10 EA** |  |  |  |
| 86 | PLUG\_INDUSTRIAL\_3P+N+E\_16A\_400V\_ROUND\_RED\_FREE\_STRAIGHT\_IP44  **QTY: 1 EA** |  |  |  |
| 87 | PLUG\_INDUSTRIAL\_3P+N+E\_32A\_400V\_ROUND\_RED\_FREE\_STRAIGHT\_IP44  **QTY: 1 EA** |  |  |  |
| 88 | PLUG\_RELAY SOCKET 8PIN ROUND PIN  **QTY: 1 EA** |  |  |  |
| **DISTRIBUTION FUSE BOX & CONNECTION BOX** | | | | |
| 89 | DISTRIBUTION BOX PVC 24 MCB SURFACE WALL MOUNTED  **QTY: 5 EA** |  |  |  |
| 90 | DISTRIBUTION PANEL,POLYSTER,60X40X20CM,1 DOOR,WATER PROOF,SURFACE WALL MOUNTED  **QTY: 2 EA** |  |  |  |
| 91 | CONNECTION BOX\_240X190X90MM\_GREY PVC\_WIT SCREW ON TR. LID & PG KNOCKOUTS\_IP55\_COMPLETE WITH CLANDS  **QTY: 50 EA** |  |  |  |
| 92 | DISTRIBUTION BOX PVC 6 MCB SURFACE WALL MOUNTED  **QTY: 1 EA** |  |  |  |
| 93 | DISTRIBUTION BOX PVC 12 MCB SURFACE WALL MOUNTED  **QTY: 1 EA** |  |  |  |
| 94 | CONNECTION BOX\_100X100X50MM\_GREY PVC\_WITH SCREW ON LID & PG KNOCKOUTS\_IP55\_COMPLETE WITH CLANDS  **QTY: 1 EA** |  |  |  |
| 95 | CONNECTION BOX\_180X110X65MM\_GREY PVC\_WITH SCREW ON TR. LID & PG KNOCKOUTS\_IP55\_COMPLETE WITH CLANDS  **QTY:1 EA** |  |  |  |
| **LIGHT FITTINGS/LIGHT TUBES/LIGHT BULBS/LIGHT BALLAST/STARTERS, (MANUFACTURER, OSRAM-EGLO OR EQUIVALENT)** | | | | |
| 96 | **LED Panel Light, Square, White**  **40W, 4000 K, 3400 lm, min IP40, EEI=A**  Rated Power 40 Watt.  Colour rendering index RA ≥80.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 120° Raged voltage 220-230 (V).  Lamp bodies to be recessed into false ceilings 60x60cm. Protection class: II.  Dimension: ~ L x W x H 595x595mm  LED Type: SMD.  **QTY: 20 EA** |  |  |  |
| 97 | **LED Panel Light, Rectangle, White 1180x86x66mm**  **230VAC, 40W, 4000 K, 3400 lm, IP40, EEI=**A  Rated Power 40 Watt. Colour rendering index RA ≥80.  Protection degree: min IP 40.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 120° Raged voltage 220-230 (V).  Lamp Bodies to be installed in ceiling or side walls surface mounted.  Protection class: II.  Dimension: L x W x H 1180x86x66mm.  LED Type: SMD.  **QTY: 10 EA** |  |  |  |
| 98 | **Protected LED 36W Luminary**  **Dimension** 1245×53×35 mm  **230VAC, 36W, 4000 K, 3500 lm, IP65, EEI=A**  Rated Power 36 Watt. Colour rendering index RA ≥80..  Protection degree IP 65.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 120° Raged voltage 220-230 (V).  Lamp Bodies to be installed in ceiling or side walls surface mounted.  Protection class: II.  Dimension: L x W x H 1245×53×35 mm.  LED Type: SMD.  **QTY: 10 EA** |  |  |  |
| 99 | **Protected LED 18W Luminary**  **Dimension 590x86x66**  **230VAC, 18W, 4000 K, 1500 lm, IP65, EEI=A**  Rated Power 18 Watt.  Color rendering index RA ≥80.  Protection degree IP 65.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 120°  Raged voltage 220-230 (V).  Lamp Bodies to be installed in ceiling or side walls surface mounted. Protection class: II.  Dimension: LxWxH 590x86x66. LED Type: SMD.  **10 EA** |  |  |  |
| 100 | **SMD FLOOD LIGHT 50 W**  220-240V AC, 50W, 4000 K, 3750 lm, IP65, EEI=A  Rated Power 50 Watt  Protection degree IP 65.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 110°. Light source not to be changed  Lamp Bodies to be installed in ceiling or side walls surface mounted. Protection class: I.  Dimension: L x W x H 203X142x55mm.  LED Type: SMD.  **QTY: 10 EA** |  |  |  |
| 101 | **SMD FLOOD LIGHT 100 W**  **220-240V AC, 100W, 4000 K, 7500 lm, IP65, EEI=A**  Rated Power 100 Watt  Protection degree IP 65.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 110°. Light source not to be changed  Lamp Bodies to be installed in ceiling or side walls surface mounted. Protection class: I.  Dimension: L x W x H 334X229x76mm.  LED Type: SMD.  **QTY: 20 EA** |  |  |  |
| 102 | **SMD FLOOD LIGHT 150 W**  **220-240V AC, 150W, 4000 K, 10.000 lm, IP65, EEI=A**  Rated Power 150 Watt  Protection degree IP 65.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 110°.  Light source not to be changed  Lamp Bodies to be installed in ceiling or side walls surface mounted. Protection class: I.  Dimension: L x W x H 398x275X80mm.  LED Type: SMD.  **QTY: 5 EA** |  |  |  |
| 103 | **LED Streetlight 50 W**  **100-240 V AC, 50 W, 4000 lm, 4500 K, IP65, EEI= A**  Rated Power 50 Watt  Protection degree IP 65.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 120°. Light source not to be changed  Lamp Bodies to be installed in ceiling or side walls surface mounted. Protection class: I.  Dimension: L x W x H 495x215x70mm. LED Type: SMD.  **QTY: 20 EA** |  |  |  |
| 104 | **LED Streetlight 100 W**  **100-240 V AC, 100 W, 8000 lm, 4500 K, IP65, EEI= A**  Rated Power 100 Watt.  Protection degree IP 65.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 120°.  Light source not to be changed  Lamp Bodies to be installed in ceiling or side walls surface mounted. Protection class: I.  Dimension: L x W x H 700x270x75mm.  LED Type: SMD.  **QTY: 10 EA** |  |  |  |
| 105 | **LED High Bay Light, UFO Shape 100 W**  90-265 VAC, 100 W, 13000 lm, 4500 K, IP65, EEI=A  Rated Power 100 Wat.  Protection degree IP 65.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 120°.  Light source not to be changed  Lamp Bodies to be installed in ceiling.  Protection class: I.  LED Type: Epistar Led.    **QTY: 50 EA** |  |  |  |
| 106 | **LED Downlight Recessed Round White 18W**  **220-240 VAC; 18 W; 1300 lm; D=220 mm, 4000 K; IP40,**  Rated Power 18 Wat.  Colour rendering index RA ≥80.  Protection degree: min IP 40.  Rated Frequency 50-60 Hz.  Ambient Temperature Ta- (-20 + 50C°)  Light beam angle 120°  Lamp bodies to be recessed into false ceilings. Protection class: II.  Dimension: D x H 220x20mm.  LED Type: SMD.  **QTY: 50 EA** |  |  |  |
| 107 | **LED BULB GLOBE STYLE E 27**  **Rated power 10 W**  Colour temperature 4000 K  Light beam angle 250 °  Light intensity 800 lumen  Type of socket E27  **QTY: 50 EA** |  |  |  |
| 108 | LED Filament Bulb E27, G45 | 4.5 W | 470 lm 2700 K  **QTY: 100 EA** |  |  |  |
| 109 | 3W GU10 SMD POWER LED BULB, EQUAL TO 35W HALOGEN BULB, WARM WHITE  **QTY: 100 EA** |  |  |  |
| 110 | LED LIGHT FITTING BALLAST/TRANSFORMER 40-50 W  INPUT 185-260VOLT AC.  OUTPUT 30-40VOLT DC  **QTY: 100 EA** |  |  |  |
| 111 | LED DRIVER 80 W (Ballast)  INPUT 185-260VOLT AC  OUTPUT 30-100VOLT DC  **QTY: 10 EA** |  |  |  |
| 112 | LED PANEL LIGHT-SMD-SRF-24W-input voltage 230 V-Round-White-4200K-SMD  **QTY: 1 EA** |  |  |  |
| 113 | WATERPROOF LIGHT FIXTURES WITH INTEGRATED LED 60 CM (Ceiling) Power : 20 W  •Luminous flux : 1600 lm  •Color temperature : 4000 K  •Power factor : >0,9  •CRI : RA >80  •Housing material : ABS+PC  •Dimensions : 590x86x66 mm  •IP grade : IP65  •Input voltage : 220-240 V / 50-60 Hz  **QTY: 1 EA** |  |  |  |
| 114 | WATERPROOF LIGHT FIXTURES WITH INTEGRATED LED 120 CM (Surface mounted) Power : 40 W  •Luminous flux : 3200 lm  •Color temperature : 4000 K  •Power factor : >0,9  •CRI : RA >80  •Housing material : ABS+PC  •Dimensions : 1180x86x66 mm  •IP grade : IP65  •Input voltage : 220-240 V / 50-60 Hz  **QTY: 1 EA** |  |  |  |
| 115 | SMD LED STREET LIGHT LSJR 50W  Model LSJR50W Rated Power: 50Watt. Light Intensity 4000lm. Colour Temperature 4500K. LxWxH 495x215x70mm. Energy Efficiency Class A. IP Protection IP65.  Ambient Temperature -20+50C.  Protection Class: I.  Rated Frewuency 50-60Hz.  Color Rendering Index >75RA.  Voltage 100-240Volt.  Light Beam Angel 120°.  **QTY: 1 EA** |  |  |  |
| 116 | **FLOOD LIGHT RSMDB 150W , IP65, 100-240V AC, 12750lm,EEI=A** Ambient temperature -20+50 C°  LED type COB LED  Light beam angle 120°  Not to be used with dimmer control  Rated frequency 50/60Hz  Lamp bodies for indoor and outdoor lighting  Protection class: I.  Connecting cable : 30 Cm  Lamp bodies to be installed on ceilings or sidewalls  Minimum distance from illuminated object: 1 mt  Protection degree IP 65  Lifespan Color rendering index Ra ≥ 75  Raged voltage (V) 100-240VAC  **QTY: 1 EA** |  |  |  |
| 117 | Black SMD floodlight  RSMDL200  200W, 4000K, IP65, 220-240V AC, 14000lm, EEI=A  Not to be used with dimmer control  Rated frequency 50/60Hz  Lamp bodies for indoor and outdoor lighting  Protection class: I.  Connecting cable : 30 Cm  Lamp bodies to be installed on ceilings or sidewalls  Protection degree IP 65  Lifespan Color rendering index Ra ≥ 75  Light source not to be changed  Raged voltage (V) 100-240VAC  **QTY: 1 EA** |  |  |  |
| 118 | **12" White Acrylic Round Plastic Light Globe Pole Post Lamp Outdoor Fixture**    **QTY: 1 EA** |  |  |  |
| **SWITCHES/MOTION SENSORS/PHOTOCELL SENSORS** | | | | |
| 119 | WALL SWITCH ROTARY TYPE SINGLE SURFACE 32A 220V  **QTY: 10 EA** |  |  |  |
| 120 | SWITCH BELL 220V SURFACE MOUNTED WHITE COLOR  **QTY: 10 EA** |  |  |  |
| 121 | SWITCH\_LIGHT\_220V\_10A\_DOUBLE\_ SURFACE MOUNTED  **QTY: 30 EA** |  |  |  |
| 122 | SWITCH\_LIGHT\_220V\_10A\_ALTERNATIV\_ SURFACE MOUNTED  **QTY: 50 EA** |  |  |  |
| 123 | SWITCH\_MOTOR PROTECTION\_1.6-2.5A  **QTY: 2 EA** |  |  |  |
| 124 | SWITCH\_SELECTOR\_ROTARY\_OFF-ON\_ 63A\_690V\_3-POLE\_FLUSH MOUNTED  **QTY: 2 EA** |  |  |  |
| 125 | CHANGE OVER SWITCH\_4POLE\_160A-1-0-2  **QTY: 10 EA** |  |  |  |
| 126 | PHOTOCELL SENSOR AUTOMATIC LIGHT CONTROL SWITCH 16 AMPERE  **QTY: 10 EA** |  |  |  |
| 127 | WALL SWITCH SINGLE SURFACE ROTARY TYPE, 25A 220V  **QTY: 10 EA** |  |  |  |
| 128 | SWITCH\_LIGHT\_220V\_10A\_DOUBLE\_FLUSH MOUNTED  **QTY: 1EA** |  |  |  |
| 129 | SWITCH\_LIGHT\_220V\_10A\_SINGLE\_SURFACE MOUNTED  **QTY: 1 EA** |  |  |  |
| 130 | SWITCH\_LIGHT\_220V\_10A\_ALTERNATIV\_FLUSH MOUNTED  **QTY: 1 EA** |  |  |  |
| 131 | SWITCH THREE-POLE ROTARY 16A- 1-0-2  **QTY: 1 EA** |  |  |  |
| 132 | SWITCH\_SELECTOR\_ROTARY\_OFF-ON\_125A\_690V\_  **QTY: 1 EA** |  |  |  |
| 133 | MONTION SENSOR 360 DEGREE ,230 VOLT-16A  **QTY: 1 EA** |  |  |  |
| **THERMOSTAT/ THERMOMETER** | | | | |
| 134 | THERMOSTAT\_SINGLE PHASE 220V /16 A-STANDARD FOR WATER BOILER  **QTY: 10 EA** |  |  |  |
| 135 | **TIME SWITCH WEEKLY ELECTRONIC SHUKO**  **230V, 16A, IP20**  Timing Range: 1 Week  Timing Steps: 1 Min  Storable Programs: 20 ,  Winter/summer time adjustable, 12 or 24 hours mode.  ON\_OF switching possibility independently from timing.  Max load 3600 Wat,  Rated insulation voltage 500V.  Meter with LCD Display. Operation reserve battery: 100h  **QTY: 20 EA** |  |  |  |
| 136 | DIGITAL THERMOSTAT PROGRAMMABLE-MULTISTAGE-INPUT/OUTPUT 230 VOLT-FOR CENTRAL HEATING  **QTY: 1 EA** |  |  |  |
| 137 | THERMOSTAT\_SINGLE PHASE 220V /16 A-INDOOR WALL MOUNTED  **QTY: 1 EA** |  |  |  |
| **CABLE PIPE & CABLE TRUNKING** | | | | |
| 138 | PVC PIPE -FOR ELECTRICAL INSTALATION PG-32MM  **QTY: 300 m** |  |  |  |
| 139 | PVC PIPE HOLDERS-SIZE:16mm - 32 mm  **QTY: 200 EA** |  |  |  |
| 140 | CABLE PROTECTIVE PIPE-UNDERGROUND-  20MM-RIBBED  **QTY: 200 m** |  |  |  |
| 141 | CABLE PROTECTIVE PIPE-UNDERGROUND-  70MM-RIBBED  **QTY: 500 m** |  |  |  |
| 142 | TRUNKING\_STANDARD\_25X16MM WHITE  PVC\_COMPLETE WITH COVER  **QTY: 100 m** |  |  |  |
| 143 | TRUNKING\_STANDARD\_40X25  MM WHITE PVC\_COMPLETE WITH COVER  **QTY: 100 m** |  |  |  |
| 144 | TRUNKING\_STANDARD\_120X60MM WHITE  PVC\_COMPLETE WITH COVER  **QTY: 10 m** |  |  |  |
| 145 | PVC PIPE -FOR ELECTRICAL INSTALATION PG-16MM  **QTY: 1 m** |  |  |  |
| 146 | PVC PIPE -FOR ELECTRICAL INSTALATION PG-26MM  **QTY: 1 m** |  |  |  |
| 147 | **P**VC PIPE -FOR ELECTRICAL INSTALATION PG-32MM  **QTY: 1 m** |  |  |  |
| 148 | PVC ELBOW 90 DEEGRE-WITH BELL END size 16-32 mm  **QTY: 1 EA** |  |  |  |
| 149 | PVC PIPE HOLDERS-SIZE:16mm - 32 mm  **QTY: 1 EA** |  |  |  |
| 150 | CABLE PROTECTIVE PIPE-UNDERGROUND-30MM-RIBBED  **QTY: 1m** |  |  |  |
| 151 | CABLE PROTECTIVE PIPE-UNDERGROUND-50MM-RIBBED  **QTY: 1m** |  |  |  |
| 152 | TRUNKING\_STANDARD\_100X60MM WHITE PVC\_COMPLETE WITH COVER  **QTY: 1m** |  |  |  |
| 153 | TRUNKING\_STANDARD\_25X17MM WHITE PVC\_COMPLETE WITH COVER  **QTY:1m** |  |  |  |
| **CABLE CONNECTORS/CABLE TAPE/CABLE TIES/HEAT SHRINK TUBING** | | | | |
| 154 | **REUSABLE PUSH IN WIRE CONNECTOR SCREWLESS 2 HOLES 0.75-4 mm 2**  **Packing of 50 Pcs per Box**  Flammability according to UL94  Rated Current(A) In max 32A  Rated Insulation Voltage 400 Volt  Material of Insulation Polyamide PA 6.6  Ambient Temperature -10 C +55 C  Protection Degree IP20  Material of Connecting Element: from tinned Copper (E-CU-SN)  According to CE Standards, ISO 9001  **QTY: 1 BOX** |  |  |  |
| 155 | **REUSABLE PUSH IN WIRE CONNECTOR SCREWLESS 3 HOLES 0.75-4 mm 2**  **Packing of 50 Pcs per Box**  Flammability according to UL94  Rated Current(A) In max 32A  Rated Insulation Voltage 400 Volt  Material of Insulation Polyamide PA 6.6  Ambient Temperature -10 + 55 C  Protection Degree IP20  Material of Connecting Element: from tinned Copper (E-CU-SN)  According to CE Standards, ISO 9001  **QTY: 1 BOX** |  |  |  |
| 156 | **REUSABLE PUSH IN WIRE CONNECTOR SCREWLESS 5 HOLES 0.75-4 mm 2**  **Packing of 50 Pcs per Box**  Flammability according to UL94  Rated Current(A) In max 32A  Rated Insulation Voltage 400 Volt  Material of Insulation Polyamide PA 6.6  Ambient Temperature -10 + 55 C  Protection Degree IP20  Material of Connecting Element: from tinned Copper (E-CU-SN)  According to CE Standards, ISO 9001  **QTY: 10 BOX** |  |  |  |
| 157 | **Insulated cord-end terminal 6mm2**, **L=20mm**,  e-copper, tinned, black, blue, yellow, red, all colours.  **QTY: 200 EA** |  |  |  |
| 158 | DIN RAIL TERMINAL BLOCK,POLYAMID,35MM2  **QTY: 10 EA** |  |  |  |
| 159 | ELECTRICAL TAPE\_INSULATION\_BLACK\_ON ROLL PVC 0.13mmX19mmX20M  **QTY: 100 EA** |  |  |  |
| 160 | **SELF –AMALGAMATING TAPE BLACK 10m×19mm, -40°C-75°C**  Thickness: 0,5 mm ± 0,05 mm  Tensile strength: min. 1 N/mm 2  Elongation: min. 500 %  Specific resistance: min. 10 14 Ohm × cm  Breakdown strength: min. 20 kV/mm  Operation temperature: -40 ˚C ... +75 ˚C  **QTY: 50 EA** |  |  |  |
| 161 | **Cable Tie 135×2.6mm, Clear**  Material: Polyamide  Ambient Temperature: -40 + 65°C.  Flammability According to UL94.  Dielectric Strength 50kV/mm.  Halogen Free. Dimension: 135x2.6mm.  Pack of: 100 pcs  **QTY: 10 packs** |  |  |  |
| 162 | **Cable Tie 180×2.6mm, Clear**  Material: Polyamide  Ambient Temperature: -40 + 65°C.  Flammability According to UL94.  Dielectric Strength 50kV/mm.  Halogen Free. Dimension: 180x2.6mm.  Pack of 100 pcs  **QTY: 10 Packs** |  |  |  |
| 163 | **Cable Tie 360×4.8mm**  Material: Polyamide.  Ambient Temperature: -40 + 65°C.  Flammability According to UL94.  Dielectric Strength 50kV/mm.  Halogen Free.  Dimension:360×4.8mm  Pack of 100 pcs  **QTY: 10 Packs** |  |  |  |
| 164 | Heat shrink tubing kit 2:1 280 pieces Box with 280 units of heat-shrinkable cable sleeving, in various diameters and colours, 45mm long.  When heat is applied to them, they retract up to 50% of their original diameter, achieving a high adhesion to the wrapped object.  The box contains the following items:  40 pcs. 1.0\*45mm yellow, 40 pcs. 2.0\*45mm black  40 pcs. 2.0\*45mm blue, 30 pcs. 3.0\*45mm green  25 pcs. 4.0\*45mm black, 25 pcs. 4.0\*45mm red  20 pcs. 5.0\*45mm black, 20 pcs. 6.0\*45mm yellow  10 pcs. 8.0\*45mm red,10 pcs. 10.0\*45mm green  10 pcs. 10.0\*45mm blue,10 pcs. 10.0\*45mm black    QTY; 1 Box |  |  |  |
| 165 | FLAME RETARDANT HEAT SHRINK TUBING FOR 150 MM2 WIRE (SCHRUMPFSCHLAUCH)  **QTY: 10 m** |  |  |  |
| 166 | INSULATED SCREW CABLE CONNECTOR, 2.5 - 4 mm - (BLOCK 5 PCS.)  **QTY: 1EA** |  |  |  |
| 167 | INSULATED SCREW CONNECTOR \_16MM2-(BLOCK 5 PCS.)  **QTY: 1 EA** |  |  |  |
| 168 | DIN RAIL TERMINAL BLOCK,POLYAMID,10MM2  **QTY: 1EA** |  |  |  |
| 169 | DIN RAIL TERMINAL BLOCK,POLYAMID,16MM2  **QTY: 1EA** |  |  |  |
| 170 | FLAME RETARDANT HEAT SHRINK TUBING FOR 240 MM2 WIRE (SCHRUMPFSCHLAUCH)  **QTY: 1m** |  |  |  |
| 171 | FLAME RETARDANT HEAT SHRINK TUBING FOR 70 MM2 WIRE (SCHRUMPFSCHLAUCH)  **QTY: 1m** |  |  |  |
| **MIXED ELECTRIC MATERIAL** | | | | |
| 172 | SEALED RECHARRGEABLE BATTERY 12VOLT -1.3Ah-NP1.3-12  **QTY: 2 EA** |  |  |  |
| 173 | EARTH ROD\_2 mtr LONG-COPPER INCLUDING CABLE CONECTORS  **QTY: 25 EA** |  |  |  |
| 174 | ELECTRO CURRENT READING – 3 PHASE METER DIGITAL 120A  **QTY: 1 EA** |  |  |  |
| 175 | EXTRACTOR FAN FOR TOILET 150 MM  **QTY: 10 EA** |  |  |  |
| 176 | HEATER ELEMENTS FOR BOILERS 1200W-220V(TYPE-ISEA,ARISTON,LEOV,BIRA)  **QTY: 10 EA** |  |  |  |
| 177 | RELAY, STEP, MODULAR, 230VAC,16A,Mounting Type: DIN Rail  **QTY: 50 EA** |  |  |  |
| 178 | RELAY\_8 PIN\_230V AC COIL\_10A\_DPCO\_ROUND PINS\_PLUG IN TYPE\_WITH TEST BUTTON & INDICATOR  **QTY: 50 EA** |  |  |  |
| 179 | **LED Exit Luminaire With Variable Stickers**  230V, 50Hz, 3h, 2,4V / 900mAh, Ni-Cd  Raged Voltage 230V. Protection Class: I.  For indoor use.  Frequency 50/60Hz.  Rated Power 3 Watt Bridging Time 3 h.  Light Intensity 180 lm.  Battery Voltage 2.4V.  Battery Capacity (Ah) 900mAh.  Battery Type Ni-Cd.  **QTY: 10 EA** |  |  |  |
| 180 | **Emergency Luminaire with LED,**  230V,50 Hz,4W,28×LED,3h,3,6V/1800mAh,  Ni-Cd,IP65,EEI=A  Raged Voltage 230V. Protection Class: I.  For indoor and outdoor use.  Frequency 50/60Hz.  Rated Power 4 Wat. Bridging Time 3 h.  Light Intensity 180 lm.  **QTY: 1 EA** |  |  |  |
| 181 | RELAY\_OVER/UNDER VOLTAGE\_3P-SENSING\_300-500V PHASE-PHASE\_0.5-10 SEC DELAY\_5-25%  **QTY: 1 EA** |  |  |  |
| 182 | **THREE-PHASE SPACE HEATER 9kW**  Power: 9kW;  Voltage: 380V - three-phase heater  It heats the space up to 60m ^ 2  Temperature control range: 0-30 ° C  Air flow: 1250m ^ 3 / h  Fan power: 25W  **QTY: 1 EA** |  |  |  |
| 183 | **VOLTAGE TESTER(screwdriver) 220-250** VOLT-0.6x3.5 MM-WITH INSULATED BLADE  **QTY: 20 EA** |  |  |  |
| 184 | **VOLTAGE REGULATOR 3 PHASE -60 KVA-FULL AUTOMATIC,SERVO** MOTOR\_INPUT160-430 VOLT/OUTPUT 230-400 VOLT\_ AC/VOLTAGE  **QTY: 1 EA** |  |  |  |
| 185 | EXTRACTOR FAN FOR TOILET 100 MM  **QTY: 1 EA** |  |  |  |
| 186 | EXTRACTOR FAN FOR TOILET 120 MM  **QTY: 1 EA** |  |  |  |
| 187 | HEATING ELEMENT FOR BOILER 2000W-220V(TYPE-ISEA,ARISTON,LEOV,BIRA)  **QTY: 1EA** |  |  |  |
| 188 | RELAY TIMER-ST 3 P-A-D pin multifunction  **QTY: 1EA** |  |  |  |
| 189 | CAPACITOR\_230V\_50HZ\_60 MICROFARAD\_(for metal halide lamp)(CONDENSATOR)  **QTY: 1EA** |  |  |  |
| 190 | WIRELESS DOOR BELL WITH REMOTE CONTROL-DC-WITH BATTERYS -MIN.3 STEPS VOLUME-MIN.3 SOUNDS-MIN.DISTANCE 30 METERS  **QTY: 1EA** |  |  |  |
| **Heating Elements and wall mounted heater** | | | | |
| 191 | WALL MOUNTEDHEATER ConvEco (CN 04)  Maximum power 1500 W  Thermo regulator electronic  Heating area 12-18 m²  **QTY: 1 EA** |  |  |  |
| 192 | Wall-mounted fan heaters  Two power settings: 1000 W / 2000 W  Digital LED display  Weekly programmer 24h/7d  Electronic thermoregulator 10-49°C  Operation modes: Fan / Low / High mode  Open window/door function - turns the  power off when detects an open window  Remote control  PTC heating element  Overheating protection  **QTY: 1EA** |  |  |  |
| 193 | Heater Element for Industrial Fan Heater 12KW(12000Wat)  **QTY: 1EA** |  |  |  |
| 194 | Oil-filled radiators Series CB  CB 2009 E01V,Maximum power 2000 W  Thermo regulator mechanical  For room up to 50-70 m³  Middle power 1200 W  Number of fins 9  Мinimum power 800 W  **QTY: 1 EA** |  |  |  |