

SPORTS HALL - LJUBOVIJA

Bill of Quantities

N°	Description	U/M	Q-ty	Unit price	Total
I DEMOLITION AND DISMANTLING WORKS					
1	Dismantle the hall floor with substructure. Parquet flooring shall be dismantled carefully so it can be used in other rooms.	m2	302.40		
2	Demolish part of the floor that has been damaged due to settlement, in dressing rooms, sanitary facilities and hallway. Total around 15% of the surface.	m2	13.60		
3	Dismantle PVC flooring and transport to landfill chosen by the Purchaser.	m2	95.80		
4	Dismantle the existing Profilit glass and Lexan on the hall and transport to landfill chosen by Purchaser. The price shall include scaffolding.	m2	57.96		
5	Dismantle and remove tiling in dressing rooms and sanitary facilities and transport to the landfill chosen by the Purchaser.	m2	35.00		
TOTAL I					
II INDOOR AC WORKS					
1	Repair the damaged floor using cement screed. The surface shall be previously cleaned and prepared for the screed.	m2	13.60		
2	Repair existing doors. The doors shall be examined also for fit. The seam and door edges shall be finished so that the door wing fits well, is sealed and easy to close. Adjust door lock if needed.				
2.1.	Single doors with overlight dimensions 100/(200+120).	pcs	6		
2.2.	Single door dimensions 100/200.	pcs	1		
2.3.	Double door dimensions 300/200.	pcs	1		

3	Supply, deliver and install flexible wooden substructures as a basis for multi-purpose PVC sports floor. Flexible wooden substructures shall consist of double batten system with elastic rubber pads and special wooden boards shall be screwed on top of the wooden substructure. The substructure shall be placed on the surface prepared in accordance with the requirements of the substructure (the Bidder is required to visit the sports hall, check the surface, measure the moisture and provide all the preparatory works for the installation of the substructure). The surface of the PVC must be ideally flat. Levelling between elevation of sports floor and adjacent premises shall be solved with a ramp.	m2	302.40
4	Supply, deliver and install multifunctional PVC sports floor of minimum thickness 6.5 mm, manufactured by GERFLOR, TARKETT or equivalent. Multifunctional PVC sports floor shall glued over the surface, and the joints shall be welded using original PVC electrode. Sports floor must be of EN 14904 standard, FIVB, FIBA and EHF or IHF certificates, which must be submitted with the bid. The price shall also include installation of a wooden self ventilating plinth edge and field labeling - for handball, basketball and volleyball with lines 5cm wide. Color of PVC sports flooring shall be chosen by the Purchaser.	m2	302.40
5	Purchase and install Lexan, d=18mm on the existing substructure including the necessary processing of the substructure. The price shall include scaffolding.	m2	57.96
6	Install existing parquet flooring in the office and the storage room for sports equipment, including previous flattening of the surface and insulation. The price shall include sanding and lacquering.	m2	27.09
7	Purchase and install ceramic tiles on glue.		
7.1.	Wall polished tiles - dressing rooms and sanitary facilities.	m2	26.46
7.2.	Floor anti slip tiles in the hallway, dressing rooms and sanitary facilities and.	m2	59.79
7.3.	Skirting d=10cm	m'	47.90
8	Paint the ceiling using semi-dispersion paint with all the necessary preparatory activities, scraping and rubbing.	m2	99.29
9	Paint the walls using semi-dispersion paint with all the necessary preparatory activities, scraping and rubbing.	m2	576.51
10	Paint the walls using oil based paint with all the necessary preparatory activities, scraping and rubbing.	m2	144.00
11	Paint the façade walls with all the necessary preparatory activities, scraping and rubbing.	m2	434.94
TOTAL II			

III WATER SUPPLY AND SEWERAGE		
1	Install water supply network in dressing rooms with all the necessary elements.	m´ 10.00
2	Purchase and install bathroom sink with single hand faucet and all the accessories necessary for connecting it.	pcs 2
4	Purchase and install toilet with cistern and all the accessories necessary for connecting it.	pcs 2
5	Purchase and install water heater, capacity 60 l and connect it.	pcs 1
TOTAL III		

IV THERMO-TECHNICAL INSTALLATIONS		
1	Dismantle the existing hot water calorifiers, product of Ventilator Zagreb, type zk-90/4, with heat capacity 27.560kcal/h.	pcs 4
2	Deliver and install new hot water calorifiers, complete with hanging equipment and suitable valves with the following technical characteristics: - heat capacity Q=32 kw for 90/70 °c	pcs 4
7	Deliver and install AL radiators type 600, 185W/panel (Global Vox or similar). Complete with reductions, radiator valve and lockshield valve, air valve, hangers and holders.	panel 80
8	Paint heating pipes with preparation. Cleaning, base paint and heat resistant coating 2x.	m2 25
9	Deliver and mount pre-insulated seamless pipes Ø60.3x2.9.	m´ 132.00
10	Deliver and mount pre-insulated pipe arch R=1.5D, Ø60.3x2.9.	pcs 18.00
11	Necessary accessories, including for connections and sealing. Take 30% value of Pos 9.	0.30
12	Deliver and install thermal retraction joints Ø60.3x2.9.	pcs 38.00
13	Deliver and install circulation pump, Grundfos UPS 40-120F or similar with the following characteristics: V=6m3/h, H=3.5mVs	pcs 1.00
14	Deliver and install flat gate valves DN50 PN6.	pcs 3.00
15	Insulate pipe network in the boiler room using mineral wool, minimum thickness 50mm, with Al-sheet coating, 0.7mm thick.	m2 10.00
16	Transport, accessories and miscellaneous material. Test the installation for pressure and impermeability, hot test, regulation and final situation design.	lump sum 1
TOTAL IV		

V RECAPITULATION		
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I DEMOLITION AND DISMANTLING WORKS

II INDOOR AC WORKS

III WATER SUPPLY AND SEWERAGE

IV THERMO-TECHNICAL INSTALLATIONS

TOTAL V