

6. Bill of Quantity

Providing 1" Dia Domestic Connection from KWSB Main Line at IBA Main Campus

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
------------	-------------	------	----------	------	--------

Note: The job is inclusive of carry out all efforts in obtaining sanction for issuance of KW & SB challan for connection and providing & laying, testing & commission of all type of labour & materials, tools & equipment. Obtaining ROW permission, Road cutting permission etc from concerned authorities will be obtained by the contractor and IBA shall not paid any amount in this regard. However the official challan amount & security amount shall be paid to KWSB or other authorities as required.

A- SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2024

1	Excavation for pipe line in trenches, and pits in all kind of soils of murum i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer In charge. Providing fence guards, lights, flags and temporary crossings for non-vehicular traffic where ever required lift up to 5 ft. (1.52m) and lead up to one chain (30.5m).ITEM NO 5 PAGE 150	Cft	8000	23.62	188,960.00
2	Bailing or pumping out sub soil water during excavation concreting, cost in situ concrete or masonry work in foundation etc. Item No 18 Page No 162	Cft	2000	9.56	19,120.00
3	Providing & fixing M.S. flange made of M.S. plate, having a thickness and total weight as mentioned against each item. It includes the cost of making holes, facing, welding, nuts, bolts, rubber packing, white lead, fitter, cartage etc complete. 1/2" thick MS plate 2.02 Kg 3" dia Item No 08 A (1) Page 176	Nos	7	2,451.00	17,157.00
4	Providing, Laying & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high-Density Polyethylene PE pipes (HDPE-100) PN 16 I.D 50mm 2" for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 E-1 Page 116	Rft	1300	200.89	261,157.00

5	Constructing small wheel valve chamber clear inside size 18" x 18" x 18" with walls of 9" thick of B.B in cement mortar 1:3 over 4" thick cement concrete 1:3:6 cement plastered 1/2" thick 1:3 inside i/c supplying & fixing C.I light weight manhole cover with frame and locking arrangement of 18" x 18" clear opening etc. complete. Item N9 Page 141	Each	2	26,412.93	52,825.86
6	Providing Chamber 3 3/4' x 3 1/2' (1143x1067 mm) inside dimension 8' (2.44 meter) deep as per approved design for sluice valve 27" to 30" dia with 30" dia inside cast iron cover and frame (wt=3 cwt) fixed in RCC 1:2:4 slab 6" thick (with 5 Lbs steel per cft) 9" (299 mm) thick burnt brick masonry wall set in 1:6 cement mortar 6" thick cement concrete 6" thick cement concrete 1:3:6 in foundation 1" thick cement concrete 1:2:4 flooring 1/2" thick cement concrete 1:2:4 flooring 1/2" thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every one foot beyond 2 1/2 ft depth curing, excavation, back filling and disposal of surplus earth etc. complete. Item No6 Page No 141	Each	1	97,683.41	97,683.41
A- TOTAL AMOUNT FOR CSR BASED ITEMS					636,903.27
ADD PREMIUM / REBATE ()%					0% —
A-GRAND TOTAL AMOUNT INCLUSIVE PREMIUM / REBATE					636,903.27
B- NON-SCHEDULE RATE ITEMS (BASED ON PREVAILING MARKET RATES)					
1	Providing & fixing of Kitz Company (JAPAN) Brass Gate Valve heavy pattern Class 125CLASS 125 Brass Gate Valve Screwed Bonnet, Non-rising Stem Threaded ends to BS21 (JIS B0203) W.O.G. non-shock 1.38 MPa (200 psi), Saturated steam pressure 0.86 MPa (125 psi) 2" dia	Nos	2	90200	180,400
2	Providing & fixing of Kitz Company (JAPAN) Brass Gate Valve heavy pattern Class 125CLASS 125 Brass Check Valve Screwed Bonnet, Non-rising Stem Threaded ends to BS21 (JIS B0203) W.O.G. non-shock 1.38 MPa (200 psi), Saturated steam pressure 0.86 MPa (125 psi) 2" dia	Nos	2	95800	191600



 Stamp & Signature

3	Providing & fixing of Kitz Company or equivalent 2" dia strainer brass.	No	1	65500	65500
4	Construction of R.C.C chamber cover & frame 6" thick R.C.C walls set in 1:6 C.M 6" thick C.C 1:4:8 in foundation, 2" thick C.C 1:2:4 flooring 3-1/2 thick cement plaster 1:6 to all inside wall surfaces, top & bottom outer side RCC wall surface 6" deep upto roof RCC i/c M.S foot rest 5/8" dia bars every 2' deep, curing, excavation, dewatering, refilling etc complete 6 X 6 X 6 (Inside dimension) & roof 6 X 6.	No	1	250431	250431
5	Providing & fixing of water meter 1" dia. Fixing nuts, bolts, subber sheets approved by water board China	No	1	105000	105000
6	Supply & filling sand bed under and around HDPE pipe , complete in all respect as per specifications & relevant drawings & all works to the entire satisfaction of the Engineer.	Cft	2000	74	148000
7	Service charges / Facilitation charges to be incurred for getting approval of the Connection at KW & SB, site survey, estimation, issuance of challan, site supervision etc. is to be borne by the Contractor. However the Challan amount shall be paid by IBA.	LS	1	255500	255500
B- TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			PKR	1196431	

TOTAL FOR A-SCHEDULE & B-NON-SCHEDULE BASED ITEMS	PKR	1,833,334.27
ADD 8% SST	PKR	146,666.74
GRAND TOTAL AMOUNT (A+B) WITH SST	PKR	1,980,001.01

Grand Total Amount Rupees in Words: Rs. one million nine lac

eighty thousand one rupees and one paisa only.