

GOVERNMENT COLLEGE WOMEN UNIVERSITY FAISALABAD

PERCENTAGE / ITEM RATE TENDER AND CONTRACT FOR WORKS

Name of Work: **Construction of R.O. Plant Room Near Old Gate - Government College Women University Faisalabad**

Estimated Cost: Rs. 0.741 (M) (Both in figures and words)
(Rupees zero point seven hundred forty one only)

1. Time for completion: - 1 Month
2. Amount of earnest money Rs. 15000/- (In figures)
(Rupees fifteen thousand only)
3. Date of Collection of Tender Documents from _____2021
4. Date of Submission of Bids: _____2021
5. Date of Opening of Bids: _____2021
6. At Par / Above / Below: _____
(Total Tendered amount, to be filled in by the Tender)
7. Issued to: M/S _____
(Name of the Contractor)
8. On payment of Rs.1000/- Rupees one thousand only. (Tender Fee)

Signature of Contractor

Project Director
GCW University, Faisalabad

- | | |
|-------------------------------------------|------------------------------------------|
| 1. Muhammad Tariq Shahzad, Convener _____ | 2. Incharge Director (P&D), Member _____ |
| 3. Muhammad Akhtar Sadiq, Member _____ | 4. Rana Musaib Khan, Member _____ |
| 5. Salman Noor, Secretary _____ | |

BILL OF QUANTITIES

CONSTRUCTION OF R.O. PLANT ROOM NEAR OLD GATE - GOVERNMENT COLLEGE
WOMEN UNIVERSITY FAISALABAD

A. MRS 2nd Bi-Annual 2020 - 1st July 2020 to 31st December 2020

Ser #	Description	Amount MRS Item (Rs)	Premium (%)	Total Amount (Rs)
1.	Civil Work	431972/-		

B. Non MRS Item

Ser #	Description	Total Amount (Rs)
1.	Civil Work	

C. Total Project Cost = (A+B) Rs. _____

Name of Firm / Bidder: _____

Signature of Contractor

Project Director
GCW University, Faisalabad

1. *Muhammad Tariq Shahzad, Convener* _____ 2. *Incharge Director (P&D), Member* _____
3. *Muhammad Akhtar Sadiq, Member* _____ 4. *Rana Musaib Khan, Member* _____
5. *Salman Noor, Secretary* _____

B.O.Q FOR CONSTRUCTION OF R.O. PLANT ROOM NEAR OLD GATE - GOVERNMENT**COLLEGE WOMEN UNIVERSITY FAISALABAD****Bill of Quantities****Non-MRS Item**

Ser #	Description of Work	Qty	Unit	Rate	Amount
1	Providing and laying porcelain tiles skirting 16"x16"x3/8" light colour laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joint in white cement and matching pigment complete in all respect. (Master DWV series class SP)	497.11 Sft	P. Sft		
	Providing and laying porcelain tiles skirting 16"x16"x3/8" light colour laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joint in white cement and matching pigment complete in all respect. (Master DWV series class SP)	146.09 Sft	P. Sft		
2	M.S sheet Door Complete In all Respect Approved by Engineer Incharge	35 Sft	P. Sft		
3	P/F M.S square bar grill 3/8"x 3/8 as approved by the Engineer incharge i/c painting complete	54 Sft	P. Sft		
4	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe,i/c special bend, elbow, tee etc. complete in all respects and as approved by the Engineer Incharge. (Master or equalent) (i) 32mm dia pipe	92.60 Rft	P. Rft		
5	Providing, laying, Polypropylene Random Copolymer (PPRC) Specials with fusion /threaded joints Made (Dadex/Beta/BBj) complete in all respects and as approved by the Engineer Incharge.				
	Elbow 32mm	30 No	Each		
	Socket 32mm	10 No	Each		
	Equal tee 32mm	20 No	Each		
	Cross over 32mm	20 No	Each		
	Threaded Plug 32mm	25 No	Each		
	Reducing Tee 32x25x32mm	20 No	Each		
6	P/F Duct Putti 16x38 mm Complete in all Respect Approved By The Engineer Incharge. i) 25 mm i/d	40 Rft	P. Rft		
7	S/E of switch kit piano china fitting 6+2Gang etc complete in all respects as approved by the engineer incharge. (Prime)	1 No	Each		
8	S/E of Fan Box/Hook	1 No	Each		
9	S/E of ceiling fan 56" with dimmer (GFC) sweep, etc complete in all respects as approved by the engineer incharge.	1 No	Each		
10	Supply and erection of Energy Sever 23 W Philips etc complete in all respects as approved by the engineer incharge.	2 No	Each		
11	P/F Flood light 50 w Complete in All Respect	10 No	Each		
12	Providing and fixing Sub D.B 18"x12" complete in all respects and as approved by the Engineer Incharge.	1No	Each		
13	P/F P.G Clumps complete in all respects and as approved by the Engineer Incharge.	4 No	Each		
14	P/F Universal Power Plug complete in all respects and as approved by the Engineer Incharge.	2 No	Each		
				Total:-	

Signature of Contractor**Project Director**
GCW University, Faisalabad

B.O.Q FOR CONSTRUCTION OF R.O. PLANT ROOM NEAR OLD GATE - GOVERNMENT**COLLEGE WOMEN UNIVERSITY FAISALABAD****Bill of Quantities****Non-MRS Item**

Ser #	Description of Work	Qty	Unit	Rate	Amount
1	Providing and laying porcelain tiles skirting 16"x16"x3/8" light colour laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joint in white cement and matching pigment complete in all respect. (Master DWV series class SP)	497.11 Sft	P. Sft	206/-	102405/-
	Providing and laying porcelen tiles skirting 16"x16"x3/8" light colour laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joint in white cement and matching pigment complete in all respect. (Master DWV series class SP)	146.09 Sft	P. Sft	219/-	31994/-
2	M.S sheet Door Complete In all Respect Approved by Engineer Incharge	35 Sft	P. Sft	903/-	31605/-
3	P/F M.S square bar grill 3/8"x 3/8 as approved by the Engineer incharge i/c painting complete	54 Sft	P. Sft	253/-	13662/-
4	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe,i/c special bend, elbow, tee etc. complete in all respects and as approved by the Engineer Incharge. (Master or equalent) (i) 32mm dia pipe	92.60 Rft	P. Rft	75/-	6945/-
5	Providing, laying, Polypropylene Random Copolymer (PPRC) Specials with fusion /threaded joints Made (Dadex/Beta/BBj) complete in all respects and as approved by the Engineer Incharge.				
	Elbow 32mm	30 No	Each	54/-	1620/-
	Socket 32mm	10 No	Each	46/-	460/-
	Equal tee 32mm	20 No	Each	63/-	1260/-
	Cross over 32mm	20 No	Each	102/-	2040/-
	Threaded Plug 32mm	25 No	Each	60/-	1500/-
	Reducing Tee 32x25x32mm	20 No	Each	65/-	1300/-
6	P/F Duct Putti 16x38 mm Complete in all Respect Approved By The Engineer Incharge. i) 25 mm i/d	40 Rft	P. Rft	38/-	1520/-
7	S/E of switch kit piano china fitting 6+2Gang etc complete in all respects as approved by the engineer incharge. (Prime)	1 No	Each	850/-	850/-
8	S/E of Fan Box/Hook	1 No	Each	250/-	250/-
9	S/E of ceiling fan 56" with dimmer (GFC) sweep, etc complete in all respects as approved by the engineer incharge.	1 No	Each	4720/-	4720/-
10	Supply and erection of Energy Sever 23 W Philips etc complete in all respects as approved by the engineer incharge.	2 No	Each	270/-	540/-
11	P/F Flood light 50 w Complete in All Respect	10 No	Each	9000/-	90000/-
12	Providing and fixing Sub D.B 18"x12" complete in all respects and as approved by the Engineer Incharge.	1No	Each	15000/-	15000/-
13	P/F P.G Clumps complete in all respects and as approved by the Engineer Incharge.	4 No	Each	250/-	1000/-
14	P/F Universal Power Plug complete in all respects and as approved by the Engineer Incharge.	2 No	Each	600/-	1200/-
				Total:-	309871/-

Signature of Contractor**Project Director**
GCW University, Faisalabad

**B.O.Q FOR CONSTRUCTION OF R.O. PLANT ROOM NEAR OLD GATE - GOVERNMENT
COLLEGE WOMEN UNIVERSITY FAISALABAD**

Bill of Quantities

Based on MRS 2nd Bi-Annual 2020
1st July 2020 to 31st December 2020

Ser #	Description of Work	Qty	Unit	Rate	Amount
1	Excavation in foundation of building, bridges and other structure including dagbeling , dressing, refilling around structure with excavated earth , watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) in ordinary soil.	216.05 Cft	%0 Cft	7687.15	1661/-
2	Cement concrete plain including compacting, finishing and curing complete (including screening and washing of stone aggregate): (i)Ratio 1: 4: 8	53.27 Cft	% Cft	17731.35	9445/-
3	Pacca brick work in foundation and plinth in:- i) Cement, sand mortar:- Ratio 1:6	283.22 Cft	% Cft	20976.15	59409/-
4	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating:- a) with one coat bitumen and one coat polythene sheet 500 gauge i) 1½" thick (40 mm)	26.63 Sft	% Sft	4985.25	1327/-
5	Pacca brick work in ground Floor:- i) Cement, sand mortar:- Ratio 1:6	292.69 Cft	% Cft	4985.25	14591/-
6	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)	10.70 Cft	P. CFt	368.5	3943/-
7	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (Grade-60)	21.931 Kgs	% Kgs	15294.6	3354/-
8	Cement plaster 1:4 upto 20' (6.00 m) height:- ¾" thick	568.48 Sft	% Sft	15294.6	86946/-
9	Cement plaster 1:4 upto 20' (6.00 m) height:- b) ½" (13 mm) thick	443 Sft	% Sft	1615.95	7159/-
10	Filling, watering and ramming earth under floors:- i) with surplus earth from foundation, etc.	144.04 Cft	% 0Cft	3685.45	531/-
11	Filling, watering and ramming earth under floors. ii)with new earth excavated from outside, lead upto 5mile.	493.58	%0 Cft	11015.35	5437/-
12	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	104.06 Cft	% Cft	4840.45	5037/-
13	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	143.93 Cft	% Cft	22080.15	31780/-
14	Distempering:- a) New surface:- iii) Three coats	443 Sft	P. Sft	787.9	3490/-

Ser #	Description of Work	Qty	Unit	Rate	Amount
15	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a)new surface: 2-Coats	517.48 Sft	P. Sft	2918.25	15101/-
16	Priming coat of chalk under distemper	960.48 Sft	P. Sft	187.75	1803/-
17	Painting new surface:- c) Preparing surface and painting of doors and windows many type (including edges):- 3-coats	70 Sft	% Sft	1555.55	1089/-
18	Providing and fixing mild steel chowkat of doors, windows, C. window, etc. including holdfast, making and threading holes for hinges, etc. complete:- i) M.S. angle iron 1½"x1½"x¼", welded (40 mmx40 mm x 6mm) with M.S. flat 2"x¼" (50 mm x 6 mm)	35 Sft	P. Sft	211.95	7418/-
19	Providing and fixing sliding bolt to doors:- ii) iron sliding bolt, 12" (300 mm) long	1 No	Each	373.25	373/-
20	Providing and fixing all types of glazed aluminum windows of anodized champagne colour partly fixed and party sliding using deluxe section of approved manufacturer having Frame of size 100mmx30mm using frame at bottom,at top and side leaf leaf frame sections of 60mmx23mm at top & bottom and size 45mmx25mm at center and size 45mmx25mm at sides, Jali leaf frame size 43mmx13mm i/c fine quality aluminum jali, 5mm thick imported tinted glass with rubber gasket using approved standar latches, wheel, stopper, brush channel angle joint and hardware etc. complete in all respect. b) 1.6 mm thick	16 Sft	P. Sft	692.5	11080/-
21	Providing, laying, cutting, jointing, testing and disinfecting P.V.C. pipe line of B.S.S. with `B' Class working pressure pipe, in trenches, complete in all respects:- b) 4" i/d (100 mm)	110 Rft	P. Rft	207.1	22781/-
22	Providing and installing P.V.C. tees, of B.S.S. i) Class `B' working pressure:-	1 No	Each	1124.5	1125/-
23	Providing and installing P.V.C. bends, of B.S.S. i) Class `B' working pressure:-	2 No	Each	394.4	789/-
24	Providing and fitting "P" trap:-				
	ii) 10 cm (4") glazed	1 No	Each	154.05	154/-
25	Providing and fitting 10 cm (4") gully trap, including cement concrete, cost of PVC grating 15x15 cm (6"x6") and masonry chamber 30x30 cm (12"x12").	2 No	Each	736.8	1474/-
26	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	11 No	Each	1000/-	11000/-
27	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	131.25 Sft	% Sft	6209.375	8150/-

Ser #	Description of Work	Qty	Unit	Rate	Amount
28	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	1 No	Each	550.1	550/-
29	Fabrication of heavy steel work, with angle, tees, flat iron around iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	468.70 Kg	% Kg	17306.85	81117/-
30	P/F tile 9"x4.5"x1.5" work i/c carriage at site Complete in all Respect Approved by the Engineer incharge.	168 Sft	% Sft	4747.85	7976/-
31	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.pipe/ wooden strip batten/wooden casing an capping /G. wire/trenches (rate for cables only):- a)250/440 volts, PVC insulated:				
	i) 3/0.74 mm (3/0.029")	300 Rft	P. Rft	12.75	3825/-
	iii) 7/0.74 mm (7/0.029")	90 Rft	P. Rft	17/-	1530/-
32	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- a) PVC insulated, PVC sheathed twin core, 250/440 volts. c) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armored cable:-	75 Rft	P. Rft	272.8	20460/-
33	Supply and erection of button holder. i) Bakelite large size	2 No	Each	33.25	67/-
Total:-					431972/-

Signature of Contractor

Project Director
GCW University, Faisalabad

COMPARATIVE STATEMENT

ADDITION/ALTERATION OF FOOD SCIENCE DEPARTMENT, EXAMINATION HALL, F-2 AND MISCELLANEOUS WORK - GOVERNMENT COLLEGE WOMEN UNIVERSITY

FAISALABAD

Ser #	Description of Items	Qty	Amount as per approved D.N.I.T/Detailed T.S Estimate			Rate Quoted by the Contractors					
			Unit	Rate	Amount	M/S Ittehad Brothers		M/S Usman Enterprises		M/S H.M Construction & Co	
						Prm:/Rate	Amount	Prm:/Rate	Amount	Prm:/Rate	Amount
“A”	Standardized Market Rates As Per T.S. Estimate MRS 1 st Bi-annual Period 2020 – 1 st January to 30 June 2020.			At Par	Rs 292217/-	4.10 % Above on all MRS & Non MRS Items.	Rs 304198/-	4.20% above on T.S Estimated Rates.	Rs 304490/-	4.25% above on MRS & Non MRS.	Rs 304636/-
“B”	Non – Standardized Items										
1	Providing and fixing M.S. flat 3/8" x3/8" grill including ¾" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects. (Labour Rate Only)	24 Sft	P. Sft	78.2	1877/-	81.4062	1953/-	81.4844	1956/-	81.5235	1957/-
2	Dismantling of Rozar Cut wire i/c separation of M.S bars angle and wrapping of rozar cut wire safe custody etc. complete in all respects and as approved by the Engineer Incharge.	148 Rft	P. Rft	15/-	2220/-	15.615	2311/-	15.63	2313/-	15.6375	2314/-
3	Refixing of Rozar Cut wire by reusing the material stock as rozar cut wire M.S steel bars etc. complete in all respects and as approved by the Engineer Incharge.	148 Rft	P. Rft	20/-	2960/-	20.82	3081/-	20.84	3084/-	20.85	3086/-
4	P/L Polypropylene Random Copolymer (PPRC) pipe with fusion / threaded joints Made (Dadex / Beta / BBJ) complete in all respect.										
	ii) 25 mm dia	150 Rft	P. Rft	53/-	7950/-	55.173	8276/-	55.226	8284/-	55.2525	8288/-
	iii) 40 mm dia	141 Rft	P. Rft	113/-	15933/-	117.633	16586/-	117.746	16602/-	117.8025	16610/-
5	P/L Polypropylene Random Copolymer (PPRC) Specials with fusion / threaded joints Made (Dadex / Beta / BBJ) complete in all respect.										
	ii) Elbow 25 mm	10 No	Each	42/-	420/-	43.722	437/-	43.764	438/-	43.785	438/-
	iii) Elbow 40mm	7 No	Each	72/-	504/-	74.952	525/-	75.024	525/-	75.06	525/-
	v) Socket 25 mm	10 No	Each	38/-	380/-	39.558	396/-	39.596	396/-	39.615	396/-
	vi) Socket 40 mm	5 No	Each	59/-	295/-	61.419	307/-	61.478	307/-	61.5075	308/-
	viii) Tee 25 mm	2 No	Each	46/-	92/-	47.886	96/-	47.932	96/-	47.955	96/-
	viii) Reducing Tee 32x25x32mm	2 No	Each	65/-	130/-	67.665	135/-	67.73	135/-	67.7625	136/-

6	P/F of handle valve 1/2" dia (faisal made) complete in all respect as approved by the engineer incharge	4 No	Each	680/-	2720/-	707.88	2832/-	708.56	2834/-	708.9	2835/-
7	Providing and fixing chromium plated tee stop cock 15mm (½").	1 No	Each	460.6	461/-	479.4846	480/-	479.9452	480/-	480.1755	481/-
8	P/F Muslim Shower	1 Nos	Each	1200/-	1200/-	1249.2	1249/-	1250.4	1250/-	1251/-	1251/-
9	S/E of Duct Putti 1" Size etc. complete in all respects and as per direction of Engineer Inchage.	50 Rft	P. Rft	40/-	2000/-	41.64	2082/-	41.68	2084/-	41.7	2085/-
10	S/E of Duct Putti 2" Size etc. complete in all respects and as per direction of Engineer Inchage.	10Rft	P. Rft	76/-	760/-	79.116	791/-	79.192	792/-	79.23	792/-
11	S/E of Energy Sewer 52 W Philips complete in all respects and as per direction of Engineer Inchage.	24 No	Each	1050/-	25200/-	1093.05	26233/-	1094.1	26258/-	1094.625	26271/-
12	S/E of LED Flood Light 50 W complete in all respects and as per direction of Engineer Inchage.	2 No	Each	9000/-	18000/-	9369/-	18738/-	9378/-	18756/-	93825/-	18765/-
13	S/E of M.S cabinet of 16 SWG sheet 12"x18" SIZE duly powerd coated with glass plated leaf i/c i-locking arrangement ,necessary fitting ,6" to 9" ,ii-MCCB 10 to 20 Amp Terasaki japan or equalent, iii-MCCB 63 Amp 4 pole Terasaki japan or equalent ,iv- indicators lights, vi-volt meter and wires, accessories, links etc complete in all respect and as approved by the Engineer incharge	1 No	Each	18600/-	18600/-	19362.6	19363/-	19381.2	19381/-	19390.5	19391/-
14	Providing And Fixing Of Twin Universal Switch Socket 13 Amp China Fitting I/C Labour And Carriage Charges Etc Complete In All Respects And As Approved By The Engineer Incharge	42 No	Each	850/-	35700/-	884.85	37164/-	885.7	37199/-	886.125	37217/-
Total:-					Rs 429619/-		Rs 447233/-		Rs 447663/-		Rs 447878/-

Three Contractors participated and the Tender Amount of the Lowest contractor **M/S Ittehad Brothers is worked out to Rs 447233/- (4.10 % Above on all MRS & Non MRS Items)**. Against the T.S for **Rs. 429619/-** with an excess of **Rs. 17614/-** on T.S amount, well within the permissible limit of 4.5% Excess over the T.S. Estimate. The statement may please be approved.

Project Director
GCW University Faisalabad

1. Muhammad Tariq Shahzad, Convener _____

2. Incharge Director (P&D), Member _____

3. Muhammad Akhtar Sadiq, Member _____

4. Rana Musaib Khan, Member _____

5. Salman Noor, Secretary _____