

WORLD VISION INTERNATIONAL
DAWAM WASH Project
BoQ for Faizabad District Hospital Rehabilitation Project

Health Center Name: Faizabad DH

District: Shirin Tagab

Province: Faryab

S/N	Activity/Item/Description	Unit	Quantity	Unit Cost AFN	Total Cost AFN	Remarks
A	BoQ for Water Supply and Sewer System					
A1	Excavation Work: Excavation works in all kinds of soil including PCC for Sewer and water supply pipe lines.	M3	66.22			
A2	Gravel for Soling: Providing and filling gravel th=5cm.	M3	0.3			
A3	PCC M: 1:2:4: Providing and laying 10 cm. thick plain cement concrete 1:2:4 (M15) with neat cement finish including necessary formworks and curing all complete	M3	3.5			
A4	Burnt Brick Work: Providing and laying first-class burnt brickwork in 1:4 cement mortar in perfect line & level and curing all complete.	M3	4.5			
A5	Plaster Work: 12.5mm. or more thick Water Proof Cement (WPC) plaster in 1:2 cement mortar with a smooth finish in line & level including raking the joints, wetting the surface, and curing all complete.	M2	12.0			
A6	PPR Pipe: Supply and installation of PPR pipe, dia=32mm, PN-10 for water supply system	M	90.0			
A7	PPR Pipe: Supply and installation of PPR pipe, dia=25mm, PN-10 for water supply system	M	129.5			
A8	PPR Pipe: Supply and installation of PPR pipe, dia=25mm, PN-20 for hot water supply system	M	129.5			
A9	PVC Pipe: Supply and installation of PVC pipe, dia=2", Class-C for Sewer system	M	134.0			
A10	PVC Pipe: Supply and installation of PVC pipe, dia=4", Class-C for Sewer system	M	54.0			
A11	Plumbing Work: Plumbing works including cold and hot water, sewer system with connection water consummers fixtures plus all required fittings and accessories, complete work.	Lum Sum	1.0			

A12	RCC Pre Cast Cover for Manhole: Providing and installation of RCC Cover size 150cm X 150cm, Th=8cm for Manhole.	No	3.0			
A13	RCC Pre Cast Cover for Septic Well: Providing and installation of RCC Cover, D=140cm, D=40cm, Th=10cm for septic Well cover as per attached drawings.	No	3.0			
A14	Demolition of Existing Ceramic/Tile: Demolition of existing ceramic and tiles plus making treanch for water and sewer pipe.	M2	126.0			
A15	Ceramic and Tile Work: Providing and laying approved color ceramic glazed tile on floor and tiles on existing wall with 1:4 cement mortar base in a perfect line and level all complete.	M2	126.0			
A16	Backfilling Works: Backfilling from excavated materials with compaction.	M3	3.0			
A17	Site Cleaning: Cleaning of the site from constructional materials (debris, dust, demolished) after work completion.	Lum Sum	1.0			
Sub Total cost of Water Supply and Sewer System Rehabilitation						
B Existing Female BNFs and Operation Room Toilet Painting Work						
B1	Painting Work: Two or more coats of approved color waterproof plastic paint with plaster of Paris (gypsum) giving uniform color on walls and ceiling.	M2	180.0			
Sub Total cost of Female Toilet and Operation Toilet Painting						
C Existing Male BNFs Toilet Rehabilitation						
C1	Existing wash basin Repairing: Supply and installation of wash basin's approved mixer(tap) plus all required fittings and accessories.	No	2.0			
C2	Existing wash basin Repairing: Supply and installation of shutoff valves, plus flexible pipes and all required fittings and accessories.	Pair	2.0			
C3	Flush Tank Installation: Providing and installation of flush tank with all fittings and accessories, complete work.	No	3.0			

C4	Muslim Shower Installation: Providing and installation of muslim shower with all fittings and accessories, complete work.	No	3.0			
C5	Western Toilet: Providing and installation of European toilet plus all fittings and accessories, complete work.	No	1.0			
C6	Electric Works: Supply and installation of electrical lighting bulbs with connection to the electrical wiring plus all required activities.	No	2.0			
C7	Supply and installation of New wash basin for Dressing Room: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	1.0			
C8	Supply and installation of Mirror for Dressing Room's Wash Basin: Supply and installation of mirror 40 x 60 cm.	No	1.0			
C9	Supply and installation of Mixer for New wash basin for Dressing Room: Supply and installation of approved stainless steel mixer(taps).	No	1.0			
C10	Supply and installation of soap keeper for New wash basin for Dressing Room: Supply and installation of soap keeper.	No	1.0			
C11	Paper Holder: Providing and installation of paper holder.	No	3.0			
C12	Supply and installation of shutoff valves and flexible pipe for Dressing Room Wash Basin: Supply and installation of shutoff valves and flexible pipe with all required fittings and accessories.	Pair	2.0			
Sub Total cost of Male BNFs Toilet Rehabilitation						
D Existing Recovery Room, Male IPD & Female IPD Rehabilitation						
D1	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	3.0			
D2	Supply and installation of Mirror for Dressing Room Wash Basin: Supply and installation of mirror 40 x 60 cm.	No	3.0			
D3	Supply and installation of Mixer for New wash basin: Supply and installation of approved stainless steel mixer(taps).	No	3.0			

D4	Supply and installation of soap keeper for New wash basin: Supply and installation of soap keeper.	No	3.0			
D5	Supply and installation of shutoff valves and flexible pipe for Wash Basin: Supply and installation of shutoff valves and flexible pipe with all required fittings and accessories.	Pair	3.0			
Sub Total cost of Recovery Room, Male IPD & Female IPD Rehabilitation						
E	Existing Operation Room Rehabilitation					
E1	Exhaust Fan: Supply and installation of exhaust fan on operation room window including electrical works plus all required activities according to engineering considerations.	Lum Sum	2.0			
E2	Existing wash basin Repairing: Supply and installation of wash basin approved mixer(tap) plus all required fittings and accessories.	No	2.0			
E3	Existing wash basin Rehabilitation: Supply and installation of shutoff valves, plus flexible pipes and all required fittings and accessories.	Pair	2.0			
E4	Toilet's Flush Tank Installation: Providing and installation of flush tank with all fittings and accessories, complete work.	No	2.0			
E5	Muslim Shower Installation: Providing and installation of muslim shower with all fittings and accessories, complete work.	No	2.0			
Sub Total cost of Operation Room Rehabilitation						
F	Existing Midwife Room Rehabilitation					
F1	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	1.0			
F2	Supply and installation of Soap Keeper for New wash basin: Supply and installation of soap keeper.	No	1.0			
F3	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	1.0			
F4	Supply and installation of Mixer for New wash basin: Supply and installation of approved stainless steel mixer(taps) with all required fittings.	No	1.0			

F5	Supply and installation of Shutoff Valves and Flexible Pipes for New wash basin: Supply and installation of shutoff valves, flexible pipe plus all required fittings and activities.	Pair	1.0			
F6	Western Toilet: Providing and installation of European toilet plus all fittings and accessories, complete work.	No	1.0			
F7	Muslim Shower: Providing and installation of Muslim shower with all fittings and accessories, complete work.	No	1.0			
F8	Flush Tank: Providing and installation of Flush tank including all fittings and accessories, complete work.	No	1.0			
F9	Shower: Supply and installation of shower with all required fittings, complete package.	No	1.0			
F10	Paper Holder: Providing and installation of paper holder.	No	1.0			
F11	Floor Drain: Supply and installation of floor drain plus resolving blockage of the sewer system, complete work.	Activity	1.0			
Sub Total cost of Midwife Room Rehabilitation						
G	Existing Delivery Room Rehabilitation					
G1	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	1.0			
G2	Supply and installation of Soap Keeper: Supply and installation of soap keeper.	No	2.0			
G3	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	2.0			
G4	Supply and installation of Mixer for Wash Basin: Supply and installation of approved stainless steel mixer(taps) with all required fittings.	No	1.0			
G5	Supply and installation of Shutoff Valves and Flexible Pipe: Supply and installation of shutoff valves, flexible pipes plus all required fittings and activities.	Pair	1.0			

G6	Existing wash basin Repairing: Supply and installation of wash basin approved mixer(tap) plus all required fittings and accessories.	No	1.0			
G7	Existing wash basin Rehabilitation: Supply and installation of shutoff valves, plus flexible pipes and all required fittings and accessories.	Pair	1.0			
Sub Total cost of Delivery Room Rehabilitation						
H	Existing Nutrition Room & Children IPD Room Rehabilitation					
H1	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	3.0			
H2	Supply and installation of Soap Keeper: Supply and installation of soap keeper.	No	3.0			
H3	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	3.0			
H4	Supply and installation of Mixer: Supply and installation of approved stainless steel mixer(taps) with all required fittings.	No	3.0			
H5	Supply and installation of Shutoff Valves and Flexible Pipe: Supply and installation of shutoff valves, flexible pipes plus all required fittings and activities.	Pair	3.0			
H6	Supply and installation of 50 Litres Boiler: Supply and installation of 50 Litres boiler plus all required fittings and activities, complete work.	No	1.0			
Sub Total cost of Nutrition Room & Children IPD Room Rehabilitation						
I	Existing Female BNFs Toilet Rehabilitation					
I1	Existing wash basin Repairing: Supply and installation of wash basin approved mixer(tap) plus all required fittings and accessories.	No	2.0			
I2	Existing wash basin Repairing: Supply and installation of shutoff valves, plus flexible pipes and all required fittings and accessories.	Pair	2.0			
I3	Western Toilet: Providing and installation of European toilet plus all fittings and accessories, complete work.	No	2.0			

I4	Flush Tank: Providing and installation of toilet's flush tank with all fittings and accessories, complete work.	No	4.0			
I5	Muslim Shower: Providing and installation of muslim shower with all fittings and accessories, complete work.	No	4.0			
I6	Water Tap: Providing and installation of water taps with all fittings and accessories, complete work.	No	3.0			
I7	Shower: Providing and installation of shower with all fittings and accessories, complete package.	No	2.0			
I8	Supply and installation of Soap Keeper: Supply and installation of soap keeper.	No	2.0			
I9	Paper Holder: Providing and installation of paper holder.	No	4.0			
I10	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	2.0			
Sub Total cost of Female BNFs Toilet Rehabilitation						
J Existing Laboratory Room Rehabilitation						
J1	Roof Tank: Supply and installation of plastic 3-layer roof tank, capacity=2000 litres, plus covering with glass wool and all required fittings and accessories, complete work.	No	1.0			
J2	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	1.0			
J3	Supply and installation of Soap Keeper: Supply and installation of soap keeper.	No	2.0			
J4	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	2.0			
J5	Supply and installation of Mixer: Supply and installation of approved stainless steel mixer(taps) with all required fittings.	No	1.0			
J6	Supply and installation of Soutoff Valves and Flexible Pipes: Supply and installation of shoutoff valves, flexible pipse plus all required fittings and activities.	Pair	1.0			
J7	Existing wash basin Repairing: Supply and installation of wash basin approved mixer(tap) plus all required fittings and accessories.	No	1.0			

J8	Existing wash basin Repairing: Supply and installation of shutoff valves, plus flexible pipes and all required fittings and accessories.	Pair	1.0			
Sub Total cost of Laboratory Room Rehabilitation						
K	Existing Toilet Rehabilitation					
K1	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	1.0			
K2	Supply and installation of Soap Keeper: Supply and installation of soap keeper.	No	1.0			
K3	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	1.0			
K4	Supply and installation of Mixer: Supply and installation of approved stainless steel mixer(taps) with all required fittings.	No	1.0			
K5	Supply and installation of Soutoff Valves and Flexible Pipes: Supply and installation of shoutoff valves, flexible pipse plus all required fittings and activities.	Pair	1.0			
K6	Supply and installation of 80 Litres Boiler: Supply and installation of 80 Litres boiler plus all required fittings and activities, complete work.	No	1.0			
K7	Shower: Supply and installation of shower with all required fittings, complete package.	No	1.0			
K8	Western Toilet: Providing and installation of European toilet plus all fittings and accessories, complete work.	No	1.0			
K9	Toilet Flush Tank: Providing and installation of western toilet's Flush tank including all fittings and accessories, complete work.	No	1.0			
K10	Muslim Shower: Providing and installation of muslim shower with all fittings and accessories, complete work.	No	1.0			
K11	Paper Holder: Providing and installation of paper holder.	No	1.0			
Sub Total cost of Toilet Rehabilitation						
L	Existing Female OPD Rehabilitation					

L1	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	2.0			
L2	Supply and installation of Soap Keeper: Supply and installation of soap keeper.	No	2.0			
L3	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	2.0			
L4	Supply and installation of Mixer: Supply and installation of approved stainless steel mixer(taps) with all required fittings.	No	2.0			
L5	Supply and installation of Shutoff valve and Flexible Pipe: Supply and installation of shutoff valves, flexible pipe plus all required fittings and activities.	Pair	2.0			
Sub Total cost of Female OPD Rehabilitation						
M	Existing MCH Room Rehabilitation					
M1	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	1.0			
M2	Supply and installation of Soap Keeper: Supply and installation of soap keeper.	No	1.0			
M3	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	1.0			
M4	Supply and installation of Mixer: Supply and installation of approved stainless steel mixer(taps) with all required fittings.	No	1.0			
M5	Supply and installation of Shutoff valve and Flexible Pipe: Supply and installation of shutoff valves, flexible pipe plus all required fittings and activities.	Pair	1.0			
Sub Total cost of MCH Room Rehabilitation						
N	Existing Male OPD Room and Vaccination Room Rehabilitation					
N1	Supply and installation of New wash basin: Supply and installation of wash basin plus flexible drainage pipe and all required fittings and accessories.	No	3.0			

N2	Supply and installation of Soap Keeper: Supply and installation of soap keeper.	No	3.0			
N3	Supply and installation of Mirror: Supply and installation of Mirror size 40x 60 cm.	No	3.0			
N4	Supply and installation of Mixer: Supply and installation of approved stainless steel mixer(taps) with all required fittings.	No	3.0			
N5	Supply and installation of Shutoff valve and Flexible Pipe: Supply and installation of shutoff valves, flexible pipe plus all required fittings and activities.	Pair	3.0			
Sub Total cost of Male OPD and Vaccination Room Rehabilitation						
Grand Total for All BoQ (A+B+C+D+E+F+G+H+I+J+K+L+M+N)						

Prepared by: Ansar Kazimi

Designation: WASH Engineer

Signature:



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Date:

Aug 19, 2024

Technical Check by: Yama Hewadmal

Designation: WASH Technical Coordinator

Signature:



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Date:

Aug 20, 2024

Technical Review by: Farooq Jawid

Designation: WASH Adviser

Signature:



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Date:

Aug 20, 2024