

DATE: 15th March, 2026

RESTRICTED TENDER NO. [MAP/MAUK/USA/2025-02/26/5941-10](#)

**ITB for Construction/Rehabilitation of WASH Facilities in 04 Schools of
District Umerkot. Sindh**

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TYPE OF PROCUREMENT: **Single stage one envelope process**

CLOSING DATE AND TIME: **Thursday 2nd April, 2026 at 3:00 PM**

GENERAL INFORMATION

The Office of the Muslim Aid (MAP) Islamabad invites -bids from qualified, Contractors/ vendors/suppliers / Authorized Dealers, duly registered with the government of the Islamic Republic of Pakistan and Pakistan Engineering Council to submit a firm offer for the "Construction/Rehabilitation of WASH Facilities in 04 Schools of District Umerkot. Sindh". The construction firm offers from the successful bidders would form the basis for an award of a contract.

BIDDING DOCUMENTS

The following annexes form an integral part of this Restricted Tender:

Annex A: Detailed Specification of Restricted Tender/ Drawings / Design for Construction/Rehabilitation of WASH Facilities in 04 Schools of District Umerkot. Sindh

Annex B: General Terms and Conditions for Purchase/supply of Goods

SECTION I: BIDDING INFORMATION

a) **ACKNOWLEDGMENT**

Bidders are requested to confirm the receipt of this **ITB** and send the expression of their intention to participate to the addresses (courier) provided in the "SUBMISSION OF BIDS" section of this Restricted Tender.

b) **QUERIES**

i) Bidders are required to submit all their **inquiries in respect of this ITB by e-mail to procurement@muslimaid.org.pk by Friday 27th March 2026 at 5:00 pm**. Muslim Aid may, at its discretion, copy any reply to a particular question to all other invited Bidders.

IMPORTANT: Including copies of your offer with any correspondence sent directly to the attention of the responsible buyer will result in disqualification of the offer. Please send your offer directly to the address provided in this Restricted Tender's "SUBMISSION OF BIDS" section.

c) **YOUR OFFER**

Please submit your offer using the submission templates provided. It should conform to the following requirements and contain all information required. The offers not conforming to the requested format will not be considered for evaluation. Your offer should include the following information:

DELIVERY TIME: All services must be delivered to the specified locations **as per the timeframe mentioned in the contract or as soon as possible after placement of the confirmed order.**

OFFERS can be made for part of the requirement as listed in the attached **Annex-A**

- **COST:** The cost should include transportation and all applicable taxes as per government law.
- **CURRENCY:** Your proposal must be prepared in a single currency, PAK Rupees.
- **LANGUAGE:** Bids shall be prepared in English.
- **INSPECTION:** All civil construction work Specifications are subject to inspection and will be advised at the time of delivery. The

selected contractor/ Supplier will inform Muslim Aid when the civil construction work / Supplies will be ready for inspection. The inspection will be arranged by Muslim Aid. Please note that inspection charges resulting from the contractor's default will be charged directly to the contractor.

- **PLACE OF INSPECTION:** The inspection will be held at MAP field office Mirpur Khas, Sindh or as per the sites identified by Muslim Aid.
- **COUNTRY OF ORIGIN OF THE SUPPLIER AND AREA OF OPERATION:** The bid shall state the country in which the items are manufactured.
- **BID VALIDITY:** The bid submitted must remain valid for acceptance for **03 Months** from the Bid closing date.
- **VENDOR REGISTRATION:** Contractors/suppliers are requested to complete and submit with their offer the vendor registration form (Annex D), together with the necessary supporting documentation unless they have already been registered with **Muslim Aid (MAP)** and have received purchase orders within the last 3 years. All the companies are required to submit registration documents for example.
 - **Dealers/Partnership certificates issued by principal companies/organizations**
 - **Certificate of registration from PEC– Category C1 – C6**
 - **Certificates of Work completed within the last 3 years or so**
 - **National Tax Number / STN**
 - **Update bank statement of last one year.**
 - **Or any other document issued by a government regulatory body certifying the legality of their business.**

d) **BID EVALUATION:**

The qualified supplier/ Contractor will be added to the vendor registration after investigation of suitability based on the submitted Vendor / Contractor Registration Form and supporting documents. The investigation involves consideration of several factors such as:

- Financial Standing (one year Bank Statement)
- Interested contracting companies must share the details of their technical profile.
- The bidder must have a minimum of three (3) years of recent experience in relevant civil works and shall provide documentary evidence of previously executed purchase orders/contracts in support of this experience.
- Core business
- Minimum volume of annual work
- Technical Knowledge of the work under consideration

IMPORTANT:

Potential bidders are informed that your application MUST accompany **3 % earnest money** as a call deposit in the form of CDR/Pay Order in the Name of '**Muslim Aid (MAP)**' (Please note that the cheque or copy of Demand Draft will not be acceptable) and shall reach at the office of MUSLIM AID at postal address Plot # 1, First Floor, Executive Business Centre, Main Double Road, FECHS, E-11/2, Islamabad.

For evaluation purposes only, the offers submitted in PKR currency

▪ **SUBMISSION OF BIDS**

One (1) sealed envelope containing financial part of the offer

• **Sealed envelope containing:**

Annex A: Detailed Specification of ITB and design for Construction/Rehabilitation of WASH Facilities in 04 Schools of District Umerkot. Sindh

Annex B: General Terms and Conditions for Construction/Rehabilitation of WASH Facilities in 04 Schools of District Umerkot. Sindh

Annex C: Vendor Registration Form and Instruction for completion of bid.

A sealed envelope containing the Technical & Financial part of the offer (ANNEXURE A)

To be sent only through courier or by hand to the following addresses clearly marked as follows:

NOT TO BE OPENED BY THE REGISTRY

Ref. No. MAP/MAUK/USA/2025-02/26/5941-10

(Bid for Construction/Rehabilitation of WASH Facilities in 04 Schools of District Umerkot. Sindh)

MUSLIM AID Ad (MAP)

Plot # 1, First Floor, Executive Business

Centre, Main Double Road, FECHS, E-11/2,

Islamabad

Offers submitted must be sealed as detailed below:

*a. the envelope should **be marked tender Number and addressed** as above,*

All Bids must be received by Thursday 2nd April, 2026 at 3:00 PM

LATE SUBMISSION OF BIDS: Bids received after the deadline for submission of Bid and Bids transmitted in any other manner than those indicated above will not be considered.

BID ACCEPTANCE

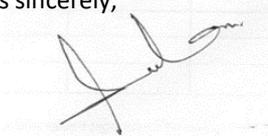
MUSLIM AID reserves the right to accept the whole or split. Please note **that the lowest offer is not the only criterion for acceptance of the offer. Muslim Aid has the right to select the contractor /Supplier against whole or Lot wise.**

MUSLIM AID may, at its discretion, extend the deadline for the submission of proposals, by notifying all prospective suppliers in writing. The extension of the deadline may accompany a modification of the solicitation documents prepared by MUSLIM AID at its own initiative or in response to a clarification requested by a prospective supplier.

CURRENCY AND PAYMENT TERMS

Any Contract/Purchase Order (PO) issued as a result of this **ITB** will be made in Pakistani Rupees. All Government taxes are applicable.

Yours sincerely,



M. Sulman Baig

Procurement & Logistics Manager

MUSLIM AID

Plot # 1, First Floor, Executive Business Centre,

Main Double Road, FECHS E-11/2, Islamabad

Muslim Aid Pakistan**Summary of cost for Construction & Rehabilitation of WASH facilities in Schools of District Umerkot, Sindh**

S #	Name of School	Name of Activities	Quoted Rates in PKR
1	GGPS Madad Ali Dhonkai, District Umerkot	Construction of the Toilet Block	
2		Construction of the water storage tank	
3	GBPS Dost Muhammad Dhonkai, District Umerkot	Construction of the toilet Block	
4		Construction of the water storage tank	
5	GGPS Raheem Kumbher, District Umerkot	Construction of the Toilet Block	
6		Construction of Single Toilet for PWDs	
7		Construction of the water storage tank	
8	GBHS-Manoon Malhi District Umerkot	Construction of the Toilet Block	
9		Construction of a Single Toilet for PWDs	
10		Rehabilitation of existing Water facilities	
Total Amount in PKR Including all applicable taxes			

ANNEXURE A

Summary Sheet and BOQ & Design/Drawings

1. Summary of Cost of WASH facilities in School GGPS Madad Ali Dhonkai, District Umerkot		
S #	Description	Total Amount
1.1	Construction of the Toilet Block	
1.2	Construction of the water storage tank	
Total Amount in PKR		

1.1-Construction of the Toilet Block

GGPS Madad Ali School

BILL OF QUANTITIES-BoQ

S #	Item Description	Unit	Qty	Unit Rate (PKR)	Total (PKR)
1	Excavation in the foundation of latrine, Septic tank, Soakage pit, other structures, including all kinds of soil, (ordinary and hard rock, refilling around the structure with excavated earth)	Cft	275.13		
2	Providing and laying brick blast/brick soling in foundation, using well-burnt, hard broken bricks, laid flat, properly packed and compacted, including watering, ramming, and leveling, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer	Cft	62.48		
3	Plain Cement Concrete (PCC) in ratio 1: 4: 8 (cement: sand: coarse aggregate), including screening and washing of aggregates, mixing, placing, compacting, leveling, and finishing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	37.53		
4	Plain Cement Concrete (PCC) in ratio 1: 2: 4 (cement: sand: coarse aggregate), including screening and washing of stone aggregate, mixing, placing, compacting, leveling, finishing, and curing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	43.33		
5	Pacca brick masonry works in latrine walls, septic tank, and soakage pit, using well-burnt first-class bricks, laid in cement-sand mortar ratio 1 : 4, including cutting, bonding, raking of joints, curing, and all related labor and materials, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	530.14		
6	Providing and Laying Reinforced Cement Concrete (RCC), Type-C (nominal mix 1: 2: 4) using approved quality cement, clean coarse sand, and crushed stone aggregate, including mixing, placing, compacting (mechanical or manual), Shuttering, finishing, and curing, complete in all respects.	Cft	77.53		

7	Fabrication and fixing of deformed steel reinforcement 60 grade of Dia 12mm for cement concrete, including cutting, bending, straightening, cleaning/removal of rust, placing in position, making laps and joints, tying and fastening with binding wire, complete with all labor, tools, and accessories, complete in all respects, as per approved drawing, specifications, and instructions of MAP Engineer.	Kg	96.87		
8	Providing and Applying Cement Plaster (1: 4, cement: sand) on inner and outer walls of latrine structures, bottom of roof shade, parapet walls, and septic tanks, including surface preparation, cleaning, scratch coat, finishing, curing, and all labor and materials, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Sft	987.75		
9	Providing and Fixing (P/F) Iron Door, size 2'-6" × 6', fabricated with: Frame: 1-1/4" × 3/16" angle iron Door panel: 16 SWG iron sheet, reinforced with crossed-shaped 18 gauge iron Patti on doors to reduce flexibility of door. Hinges: 6 hinges of 6", 3 in each side of door One coat red oxide and 2 coat of green oil paint Locking / fastenings: As per site requirements and approved by Engineer	No	2		
10	Providing and Fixing PCC Ventilator, size 1'-6" × 1'-6", including: Frame: 3/4" angle iron Filling: Plastic mesh to prevent insects Casting: Plain Cement Concrete (PCC) as per specifications Finishing: Smooth and even, complete in all respects All work shall be aligned, fixed, and approved by MAP Engineer, including all labor, materials, and accessories necessary for complete installation.	No	4		
11	<u>Matt Finish and Wall Putty:</u> The work involves applying vinyl emulsion distemper for interior surfaces, consisting of three coats (1 primer coat and 2 vinyl emulsion distemper) to ensure a smooth and uniform finish. The process includes surface preparation with proper filling and surfacing to achieve the desired quality. Only high-quality brands such as Master, ICI Diamond, Brighto, Burger, or equivalent, as approved by the engineer, will be used. All work will adhere to the specified standards, ensuring a durable and aesthetically pleasing finish.	Sft	439.00		
12	<u>Weather Shield External:</u> The work entails applying weather-resistant paint for exterior surfaces, consisting of three coats (1 coat weather primer and 2 coat Weather shield) to ensure a durable and aesthetically pleasing finish. The process includes thorough surface preparation with proper filling and surfacing to achieve the desired quality and longevity. Only high-quality products such as Master, ICI Diamond, Brighto, Burger, or equivalent, as approved by the engineer, will be used. All work will comply with the specified standards, ensuring a finish that withstands environmental conditions and maintains its appearance over time.	Sft	509.75		

13	Paint for Doors Oil paint for steelwork (02 door both side) work surface with 3 coats including filling & surfacing, approved by the engineer. (ICI Dimond, Brighto, or equivalent)	Sft	60.00		
14	Providing and Fixing (P/F) horizontal cylindrical plastic water storage tank of 750 liters capacity, 3-layer of approved make such as Master, Sonex, Dura or equivalent, including all fittings, inlet, outlet, overflow, washout, tight-fitting cover, and proper installation on RCC / concrete platform/base, complete in all respects as per instructions of MAP Engineer.	No	1		
15	Tile Work (Shabbir Tiles & Ceramics (STILE), Master Tiles, Senex Tiles, National Tiles or as pe MAP Engineer instructions.) Floor Tiles Type: Anti-slip ceramic / vitrified / porcelain tiles Slip Resistance: Minimum R10–R12 (wet area rating) Size: 12" × 12", 16" × 16", or small tiles 6" × 6" for wet areas to reduce slipping Finish: Matte or textured finish (avoid glossy tiles) Installation: Level joints, properly grouted; slopes toward drain in wet areas	Sft	76.00		
16	Providing and fixing a best quality 5 mm thick mirror, size 22" × 16" and soap holder including proper aluminum / PVC frame or clips as required, secure fixing on the wall, complete with all labor, adhesives, and accessories, finished neat and level, and approved by MAP Engineer, complete in all respects.	No	2		
17	Providing and laying 4.5" thick brick soiling/pavement including proper leveling and compaction; edges 9" wide plastered with cement–sand mortar (1:4); bed well-compacted with mechanical compactor; top grouted and finished to exact level, complete in all respects. Technical notes: All bricks to be of approved quality, free from cracks. Cement–sand mortar (1:4) for edge plastering and grouting. Ensure proper leveling and compaction of base and bed. Grouting to be done neatly with joints filled completely and surface finished flush.	Sft	200		
18	Providing complete painting work at school handwashing station including surface preparation, 1 coat primer and 2 coats washable/weather-resistant emulsion paint up to 4 ft height with backsplash, along with hygiene awareness sketches and approved organization logo painting, complete in all respects as per Engineer's instructions.	Job	1		
Repairing the work of the existing structure					
19	Plaster Work of Existing Toilets: Providing and applying cement sand plaster (1:4) to walls/ceilings of existing toilets after surface preparation, including removal of loose plaster, cleaning, proper bonding, filling of cracks, leveling, finishing smooth surface, curing, scaffolding, labor, material, tools and complete in all respects as per site requirements and Engineer's instructions.	Sft	735.5		

20	<p>Color / Paint Work: Providing and applying approved quality paint on walls/ceilings including surface preparation, scraping of loose paint, filling of cracks with putty, sanding, primer coat, and minimum two coats of emulsion/enamel paint of approved shade; including labor, material, tools, scaffolding and complete in all respects as per site conditions and Engineer's instructions.</p>	Sft	735.5		
21	<p>Paint Work Doors: Providing and applying approved quality enamel paint on two existing wooden doors including surface preparation, scraping and sanding, filling with wood filler where required, one coat of wood primer, and minimum two coats of enamel paint of approved shade; including labor, material, tools, and complete in all respects as per Engineer's instructions.</p>	Job	46.5		
22	<p>Plain Cement Concrete (PCC) in ratio 1: 2: 4 (cement: sand: coarse aggregate), including screening and washing of stone aggregate, mixing, placing, compacting, leveling, finishing, and curing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Cft	30		
23	<p>Dismantling of Existing Structure: Dismantling and removing existing structure including walls, floors, roof, doors, windows, plaster, fittings, and other components as required; careful handling of reusable materials, disposal of debris to designated area, including labor, tools, scaffolding, and complete in all respects as per site requirements and Engineer's instructions</p>	Job	1		
Plumbing & Sanitary					
24	<p>Providing, Laying and Fixing (P/L & F) of 25mm diameter PPR pipe, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	100		
25	<p>Providing and Fixing (P/F) steel bibcock, heavy-duty, corrosion-resistant, approved make, including all necessary fittings and connections, complete in all respects, as per instructions of MAP Engineer.</p>	No	6		

26	<p>Providing and Fixing (P/F) glazed earthenware Indian type water closet (WC), squatting type, complete with integrated foot rests, white color, including 4-inch glazed P-trap, of approved make (Master or equivalent), suitable for use with Muslim shower.</p> <p>The item includes:</p> <p>One medium-size Indian WC pan Flush tank, white color, best quality All necessary fittings, connections, and accessories Pipe fitting till septic tank Proper fixing, alignment, and testing Complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer</p>	No	2		
27	<p>Providing and Fixing (P/F) glazed earthenware English-type water closet (commode), floor-mounted, white color, complete with 4-inch glazed P-trap, of approved make (Master, Porta or equivalent), suitable for persons with disabilities (PWDs), including Muslim shower. The item includes:</p> <p>One premium bathroom ceramics English-type commode Flush tank, white color, best quality All required fittings, fixtures, connections, and accessories Proper fixing, alignment, and testing Pipe fitting till septic tank Complete in all respects as per approved specifications, and instructions of MAP Engineer</p>	No	1		
28	<p>Providing and fixing a glazed earthenware wash hand basin (white) with pedestal, size 22" (width) × 16" (depth), installed at a height of 32"–34" from finished floor level with clear knee space of 28" width × 24" depth for wheelchair access, suitable for persons with disabilities (PWDs). The basin shall include a CP swan-neck single-way tap (½" dia), ½" CP tee stopcock, ½" plastic/rubber connection with check nuts, 1¼" CP waste coupling, and CP bottle trap with 1¼" waste pipe, complete with all necessary fittings, fixtures, labor, and accessories. The installation shall be properly aligned, fixed, and approved by MAP Engineer, complete in all respects.</p>	No	2		
29	<p>Providing and Fixing (P/F) stainless steel floor waste / floor Jali, heavy-duty, approved make, including frame, grating, proper outlet connection, and all accessories, complete in all respects, as per approved drawings and instructions of MAP Engineer</p>	No	3		
30	<p>Providing and Laying (P&L) 4" uPVC pipe line for drainage, including cutting, jointing, testing, disinfection, complete with heads, sockets, elbows, bends, tees, and all required accessories, of BSS Class 'C', 4-inch internal diameter (i/d), complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	30		
31	<p>Providing and Laying (P&L) 2" uPVC pipeline for vent, including cutting, jointing, testing, and disinfection, complete with heads, sockets, elbows, bends, tees, and all required accessories, of BSS Class 'C', 3-inch internal diameter (i/d), complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	20		

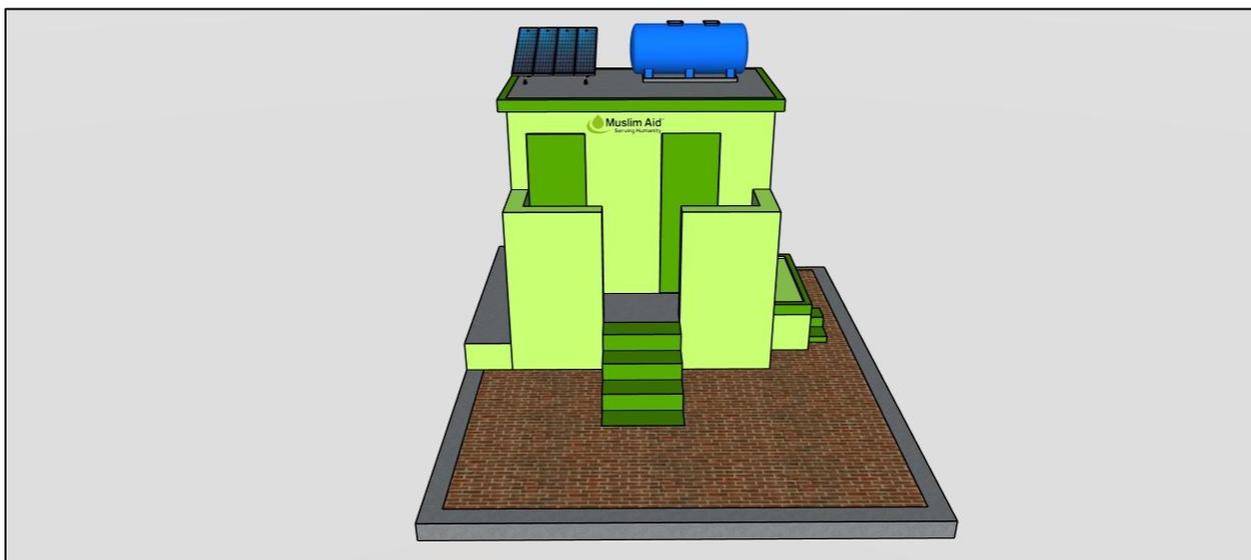
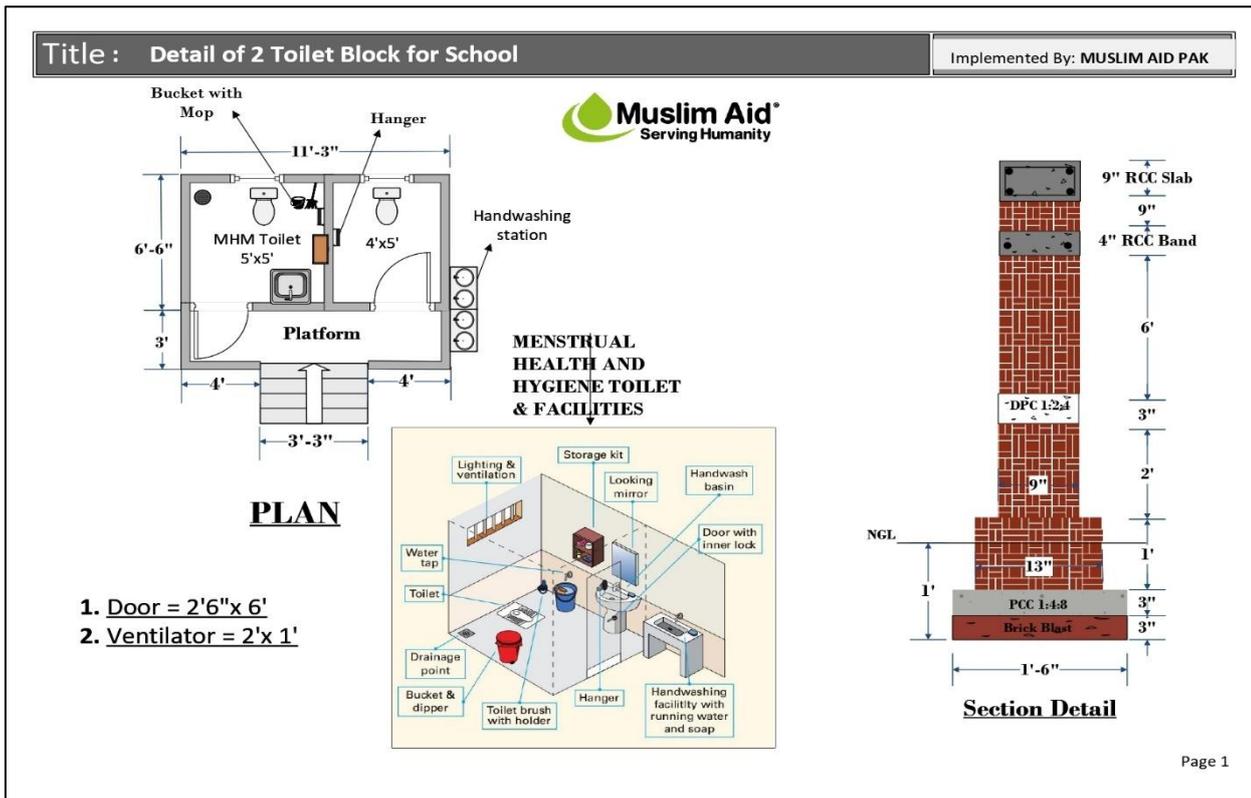
32	Providing, laying, cutting, jointing, testing, and disinfecting HDPE pipe (outer dia 32 mm, wall thickness 1.9 mm, PN-10, PE 100/80, black with blue stripes) for lead pipe, including all specials, stainless steel check valves, fittings, connections, jointing material, and all related works, complete in all respects as per specifications and approved by MAP Engineer. Brand: Dadex / Popular / Oxy (or equivalent).	Rft	200		
33	Providing, Laying and Fixing (P/L & F) of 50mm diameter PPR pipe PN-16, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	110		
PLUMBING WORK					
34	Providing and Laying Concealed Wiring for light and exhaust fan, using 3-core / 1.5 mm ² PVC insulated copper conductor cable, in conduit (PVC / suitable type), complete with all accessories, junction boxes, switch boxes, and terminations, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	100		
35	Providing and Laying PVC Conduit Pipe, 3/4" diameter, including all bends, junctions, clamps, supports, and accessories, suitable for concealed or surface wiring, complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	100		
36	Switch Board 2*(3 Gang Vertical switches) and 1*(1 Gang Vertical switch) by Schnieder electric, TJ or equivalent as per MAP Engineer instructions Complete with all accessories	No	2		
37	Supply and Erection of Best Quality Exhaust Fan, 12" sweep, (GFC, Royal, SK fans) Exhaust Plastic Fan, complete with shutter, mounting accessories, electrical connections, and testing & commissioning, as per approved drawings, specifications, and instructions of MAP Engineer.	No	2		
38	Supply and fixing of 20-Watt LED tube light (Cool white color), good quality, approved make, including all necessary holders, connections, and mounting accessories, complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer.	No	3		
39	Providing, supplying, installation, testing and commissioning of a complete set of Donkey Pump (suction pump), Brand Rehber, Jawed or equivalent 1-1/4" x 1-1/4" inch suction, inlet and outlet, consisting of solar-operated 12V DC motor (brands: Nissan Corolla, Shezad, Javed) 12V brushless type, including delivery pipe, power cable, electrical cable hook, power controller, bore cover, starter board with DC wiring, and all necessary accessories. The system shall be installed and commissioned as per site conditions, complete in all respects, as per specifications and with the approval of the MAP Engineer.	No	1		

40	Providing and installing one solar panel as per instruction by MAP Engineer. Specifications: 580W-585W N-Type Bifacial capacity, Quantity: 1, manufactured with mono-crystalline silicon Grade-A cells (German technology), clear anodized aluminum frame, and anti-reflection tempered glass (bifacial, both sides). Panel shall be approved by the MAP Engineer.	No	1		
41	Providing, fabricating, and installation of solar panel mounting structure (stand) made with 16 SWG angle iron, designed for 01 solar panels of 580W-585W capacity, with one side raised minimum 3 ft from ground level, including cutting, welding, painting, and fixing of legs in PCC (1:2:4), complete in all respects as per specifications and approved by MAP Engineer	No	1		
42	Providing and installation of DC breaker with regulator (Controller Charger), including supply and laying of DC cable 6 mm(=AWG9-8) in Copper with all jointing, cutting, fixing, and termination works, complete in all respects as per specifications and approved by MAP Engineer.	Job	1		
43	Supply and installation of 100 Ah, 12 Volt Wet battery (brand: Daewoo / Osaka / AGS/ Phoenix or equivalent), suitable for solar backup system, including battery stand, complete connections, fixing, and commissioning, with minimum 6-month warranty, complete in all respects as per specifications and approved by MAP Engineer.	No	1		
44	Visibility plate (2' X 2') 18 SWG steel (Engraved Logo Muslim aid & text)	No	1		
Dignity Kit					
45	Supply of Disposable Sanitary Pads "Always, Butterfly or Trust" Disposable sanitary pads, 230–280 mm length, with wings, soft breathable top sheet, high-absorption core, individually wrapped, 25-30 pads per pack, as per approved sample.	Pack	3		
46	Supply of Cotton Underwear (Girls) 100% cotton, full coverage brief style Sizes S/M/L mix Double-stitched, soft elastic waistband Individually packed non-transparent colors Complete in all respects as per approved sample	Each	15		
47	Supply of Bath Soap (100g) 'Safeguard or Dettol' High-quality solid bathing soap, minimum 100g per bar, mild fragrance, skin-friendly, individually factory packed, minimum 12 months shelf life, complete in all respects as per approved sample.	Each	5		
48	Supply of Laundry Soap / Detergent Bar (200g) 'Surf Excel, Bonus or Express Power' High-quality solid laundry soap suitable for hand washing, minimum weight 200g per bar, non-irritant, good lather, moisture-resistant packaging, complete in all respects as per approved sample.	Each	5		

49	Supply of Cotton Hand Towel (30×60 cm) Made of 100% cotton terry fabric, minimum 350 GSM, soft, high absorbency, double stitched edges, washable, colorfast, complete in all respects as per approved sample.	No	3		
50	Wall-mounted storage box for MHM school girls' toilets: Made of virgin PP/HDPE, fully waterproof, rust-proof, heat-resistant, and non-toxic, with smooth edges, snap-on or hinged lid, optional dividers, Size: 18×12×8 in, wall-mounted 35–43 in from floor, holds 3–5 kg, easy to clean, complete as per approved sample by MAP engineer	Job	1		
51	Cloth Hanger for MHM School Girls' Toilets: Wall-mounted hanger made of rust-proof stainless steel or durable plastic, capable of holding towels, cloths, or reusable pads, with smooth, rounded edges for safety. Size approximately 12–16 inches in width, securely fixed with rust-proof screws/anchors at 36–48 inches from floor, easy to clean and maintain, complete as per approved sample.	Each	2		
Total amount for Construction of Toilet Blocks including all taxes PKR					

Drawing/Design

Toilet 2D Plan, Structure details & 3D design:





1.2-Construction of the water storage tank

GGPS Madad Ali School

BILL OF QUANTITIES-BoQ

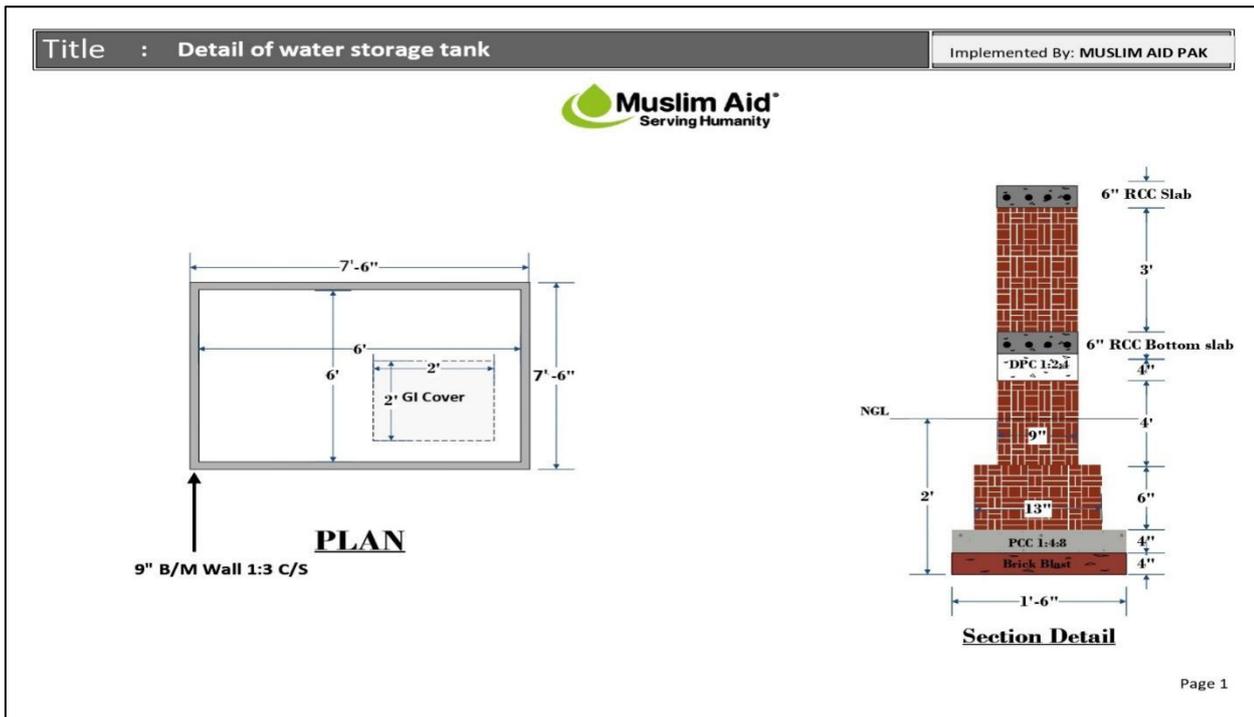
S #	Item Description	Unit	Qty	Unit Rate (PKR)	Total (PKR)
A	Water Storage Tank Construction				
1	Excavation in all kinds of soil for water storage tank walls, foundations, and trenches, including dressing, leveling, disposal of soil earth within lead as directed, and complete in all respects as per specifications and instructions of MAP Engineer.	Cft	349.75		
2	Providing and laying plain cement concrete (PCC) 1:4:8 mix in foundations, steps, and water tank bottom for leveling, including formwork (where required), compaction, finishing, and curing (minimum 14 days), complete in all respects as per specifications and instructions of MAP Engineer	Cft	22.48		
3	Providing and constructing brick masonry with Class-A bricks (minimum compressive strength 1500 PSI) in cement-sand mortar (1:3), for substructure/foundation walls, straight or curved in plan, at all heights and levels, including scaffolding, finishing, and curing (minimum 14 day), complete in all respects as per specifications and approved by MAP Engineer	Cft	185.41		
4	Providing and laying reinforced cement concrete (RCC) work for 6" thick core wall and bottom slab in cement concrete (1:2:4 mix), including formwork, compaction, finishing, and curing (minimum 14 days), but excluding the cost of steel reinforcement, complete in all respects as per structural drawings, specifications, and approved by Project Engineer	Cft	69.88		
5	Providing and Applying Cement Plaster (1 : 3, cement : sand) with water proofing agent sika seal, Dr fixit (1liter per 50kg bag) or as per MAP Engineer instruction on inner side and outer walls of Storage tank, bottom of roof shade and Slab bottom including surface preparation, cleaning, scratch coat, finishing, curing, and all labor and materials, complete in all respects, as per approved specifications, and instructions of MAP Engineer.	Sft	445.75		
6	Providing and applying chips plaster (black stone aggregate granules, clean and free from dust, 1.5" to 2" (Sooter thick) with waterproofing admixture on internal walls and bed of water tank, including surface preparation, mixing, application, curing, and finishing, complete in all respects as per specifications and approved by MAP Engineer	Sft	96		
7	Providing and fixing GI cover (size 2' x 2') fabricated with 2" x 2" x 6 mm angle iron frame and 18-gauge MS sheet, including hinges, handles, locking arrangement, red oxide primer with two coats of enamel paint, complete fixing in proper manner, complete in all respects as per specifications and approved by MAP Engineer	Job	1		

8	Providing and fixing ½" dia deformed steel bars (Grade-60) at 6" c/c spacing, including cutting, bending, jointing, binding, fixing, transportation, and labor, complete in all respects as per structural drawings and instructions of MAP Engineer. Brand: Amreli (or equivalent approved).	Kg	92.88		
9	Providing and fixing ceramic tile (Thickness: 10–12 mm or more, Non-glazed (matte finish) for slip resistance) work in front of tank/water collection area (flooring), using approved quality tiles (Ash white color or as directed by MAP Engineer), including surface preparation, fixing with cement–sand mortar (1:4), proper grouting, finishing, curing, and all related works, complete in all respects as per specifications and approved by MAP Engineer	Sft	45.00		
10	Applying weather shield paint on all external surfaces of the structure, including 02 coats of weather primer and 03 coats of weather shield paint (approved brands: ICI / Berger / Brighto / Diamond / Master), surface preparation, scaffolding, labor, and all related works, complete in all respects as per specifications and approved by MAP Engineer	Sft	205.50		
11	Providing, fixing, and jointing 2" dia IIL-EL GI pipe for overflow/washout, including fittings, cutting, jointing, and all necessary works, complete in all respects as per specifications and as approved by MAP Engineer	Rft	3		
12	Providing and installation of 4" dia PVC pipe (A-Class, white, good quality – Jaddah, Pak Arab, Master, Adam je or equivalent), for wastewater drain up to 30' length, including cutting, jointing, fixing, and all necessary works, complete in all respects as per specifications and approved by MAP Engineer.	Rft	30		
13	Providing and laying 4.5" thick brick soiling/pavement including proper leveling and compaction; edges 9" wide plastered with cement–sand mortar (1:3); bed well-compacted with mechanical compactor; top grouted and finished to exact level, complete in all respects. Technical notes: All bricks to be of approved quality, free from cracks. Cement–sand mortar (1:4) for edge plastering and grouting. Cement–sand ratio (1:4) for bed having 1.5inch thick. Ensure proper leveling and compaction of base and bed. Grouting to be done neatly with joints filled completely and surface finished flush.	Sft	300		
B	Plumbing work				
14	Providing, laying, cutting, jointing, testing, and disinfecting HDPE pipe (outer dia 32 mm, wall thickness 1.9 mm, PN-10, PE 100/80, black with blue stripes) for lead pipe, including all specials, stainless steel check valves, fittings, connections, jointing material, and all related works, complete in all respects as per specifications and approved by MAP Engineer. Brand: Dadex / Popular / Oxy (or equivalent).	Rft	200		

15	Providing and fixing stainless steel check valve on each joint of lead line pipe, including cutting, threading, jointing, fittings, testing, and all necessary materials, complete in all respects as per specifications and approved by MAP Engineer.	No	1		
16	Providing and installation of stainless steel Jali for proper drainage of wastewater complete in all respects and approved by MAP Engineer.	NO	1		
17	Providing and supplying PVC solution/adhesive (strong bond), packed in 500 gm tin, for joining of PVC pipes, complete in all respects as per specifications and approved by MAP Engineer	NO	1		
18	Providing & Fixing Stainless Steel Tap for Water Storage Tank: Supplying and installing high-quality stainless steel heavy-duty bib cock (½" or ¾") for water storage tank, including all necessary fittings, nipples, Teflon tape, and proper connection to outlet pipe; complete with testing for leakage, labor, materials, tools, and finishing in all respects as per site requirements and Engineer's instructions.	No	3		
C	Electrical/Solarization Work				
21	Conducting pre- and post-water quality tests through PCRWR (Pakistan Council of Research in Water Resources), covering complete physical, chemical, and biological parameters including: Color, Odor, Taste, Electrical Conductivity, Turbidity, Alkalinity, Bicarbonate, Calcium, Carbonate, Chloride, Hardness, Magnesium, Potassium, Sodium, Sulphate, Nitrate, Fluoride, Iron, Arsenic, TDS, Total Coliforms, and E-Coli; complete in all respects as per specifications	Job	2		
22	Aqua Save Triple Water Filter – 3-Stage Purification: Providing and installing Aqua Save Triple Water Filter system comprising three-stage purification (sediment filter, activated carbon filter, and carbon block/UF cartridge) suitable for connection with water storage tank or supply line; including complete housing unit, mounting bracket, cartridges, necessary GI/PVC connections, valves, fittings, testing and commissioning; complete with labor, material, tools and accessories in all respects as per manufacturer's guidelines and Engineer's instructions.	Set	1		
23	Visibility plate (2' X 2') 18 SWG steel (Engraved Logo Muslim aid & text)	No	1		
24	Soil Backfill: Providing and laying approved excavated or imported soil as backfill in foundations, trenches, and around structures in 6" layers, including watering, proper compaction, leveling, dressing, and disposal of surplus material; complete with labor, material, tools, and equipment in all respects as per Engineer's instructions.	Cft	200		
Total Amount (PKR) for Construction of Water Storage Tank Including all tax					

Drawing/Design

Water Storage tank 2D Plan, Structure details & 3D design:





2. Summary of Cost of WASH facilities in GBPS Dost Muhammad Dhonkai, District Umerkot

S #	Description	Total Amount
1.1	Construction of the Toilet Block	
1.2	Construction of the Water Storage Tank	
Total Amount in PKR		

2.1-Construction of the toilet Block

GBPS Dost Muhammad Dhonkai,

BILL OF QUANTITIES-BoQ

Sr.#	Item Description	Unit	Qty	Unit Rate (PKR)	Amount (PKR)
1	Excavation in the foundation of latrine, Septic tank, Soakage pit, other structures, including all kinds of soil, (ordinary and heard rock, refilling around structure with excavated earth)	Cft	275.13		
2	Providing and Laying brick blast / brick soling in foundation, using well-burnt, hard broken bricks, laid flat, properly packed and compacted, including watering, ramming, and leveling, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer	Cft	62.48		
3	Plain Cement Concrete (PCC) in ratio 1: 4: 8 (cement: sand: coarse aggregate), including screening and washing of aggregates, mixing, placing, compacting, leveling, and finishing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	37.53		
4	Plain Cement Concrete (PCC) in ratio 1: 2: 4 (cement: sand: coarse aggregate), including screening and washing of stone aggregate, mixing, placing, compacting, leveling, finishing, and curing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	43.33		
5	Pacca brick masonry works in latrine walls, septic tank, and soakage pit, using well-burnt first-class bricks, laid in cement-sand mortar ratio 1: 4, including cutting, bonding, raking of joints, curing, and all related labor and materials, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	530.14		
6	Providing and Laying Reinforced Cement Concrete (RCC), Type-C (nominal mix 1: 2: 4) using approved quality cement, clean coarse sand, and crushed stone aggregate, including mixing, placing, compacting (mechanical or manual), Shuttering, finishing, and curing, complete in all respects.	Cft	77.53		

7	Fabrication and fixing of deformed steel reinforcement 60 grade of Dia 12mm for cement concrete, including cutting, bending, straightening, cleaning/removal of rust, placing in position, making laps and joints, tying and fastening with binding wire, complete with all labor, tools, and accessories, complete in all respects, as per approved drawing, specifications, and instructions of MAP Engineer.	Kg	96.87		
8	Providing and Applying Cement Plaster (1: 4, cement: sand) on inner and outer walls of latrine structures, bottom of roof shade, parapet walls, and septic tanks, including surface preparation, cleaning, scratch coat, finishing, curing, and all labor and materials, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Sft	987.75		
9	Providing and Fixing (P/F) Iron Door, size 2'-6" x 6', fabricated with: Frame: 1-1/4" x 3/16" angle iron Door panel: 16 SWG iron sheet, reinforced with crossed-shaped 18 gauge iron Patti on doors to reduce flexibility of door. Hinges: 6 hinges of 6", 3 in each side of door One coat red oxide and 2 coat of green oil paint Locking / fastenings: As per site requirements and approved by Engineer	No	2		
10	Providing and Fixing PCC Ventilator, size 1'-6" x 1'-6", including: Frame: 3/4" angle iron Filling: Plastic mesh to prevent insects Casting: Plain Cement Concrete (PCC) as per specifications Finishing: Smooth and even, complete in all respects All work shall be aligned, fixed, and approved by MAP Engineer, including all labor, materials, and accessories necessary for complete installation.	No	4		
11	<u>Matt Finish and Wall Putty:</u> The work involves applying vinyl emulsion distemper for interior surfaces, consisting of three coats (1 primer coat and 2 vinyl emulsion distemper) to ensure a smooth and uniform finish. The process includes surface preparation with proper filling and surfacing to achieve the desired quality. Only high-quality brands such as Master, ICI Diamond, Brighto, Burger, or equivalent, as approved by the engineer, will be used. All work will adhere to the specified standards, ensuring a durable and aesthetically pleasing finish.	Sft	439.00		
12	<u>Weather Shield External:</u> The work entails applying weather-resistant paint for exterior surfaces, consisting of three coats (1 coat weather primer and 2 coat Weather shield) to ensure a durable and aesthetically pleasing finish. The process includes thorough surface preparation with proper filling and surfacing to achieve the desired quality and longevity. Only high-quality products such as Master, ICI Diamond, Brighto, Burger, or equivalent, as approved by the engineer, will be used. All work will comply with the specified standards, ensuring a finish that withstands	Sft	509.75		

	environmental conditions and maintains its appearance over time.				
13	Paint for Doors Oil paint for steelwork (02 door both side) work surface with 3 coats including filling & surfacing, approved by the engineer. (ICI, Dimond, Brighto, or equivalent)	Sft	60.00		
14	Providing and Fixing (P/F) horizontal cylindrical plastic water storage tank of 750 liters capacity, 3-layer of approved make such as Master, Sonex, Dura or equivalent, including all fittings, inlet, outlet, overflow, washout, tight-fitting cover, and proper installation on RCC / concrete platform/base, complete in all respects as per instructions of MAP Engineer.	No	1		
15	Tile Work (Shabbir Tiles & Ceramics (STILE), Master Tiles, Senex Tiles, National Tiles or as pe MAP Engineer instructions.) Floor Tiles Type: Anti-slip ceramic / vitrified / porcelain tiles Slip Resistance: Minimum R10–R12 (wet area rating) Size: 12" × 12", 16" × 16", or small tiles 6" × 6" for wet areas to reduce slipping Finish: Matte or textured finish (avoid glossy tiles) Installation: Level joints, properly grouted; slopes toward drain in wet areas	Sft	76.00		
16	Providing and fixing a best quality 5 mm thick mirror, size 22" × 16" and soap holder including proper aluminum / PVC frame or clips as required, secure fixing on the wall, complete with all labor, adhesives, and accessories, finished neat and level, and approved by MAP Engineer, complete in all respects.	No	2		
17	Providing and laying 4.5" thick brick soiling/pavement including proper leveling and compaction; edges 9" wide plastered with cement–sand mortar (1:4); bed well-compacted with mechanical compactor; top grouted and finished to exact level, complete in all respects. Technical notes: All bricks to be of approved quality, free from cracks. Cement–sand mortar (1:4) for edge plastering and grouting. Ensure proper leveling and compaction of base and bed. Grouting to be done neatly with joints filled completely and surface finished flush.	Sft	200		
18	Providing complete painting work at school handwashing station including surface preparation, 1 coat primer and 2 coats washable/weather-resistant emulsion paint up to 4 ft height with backsplash, along with hygiene awareness sketches and approved organization logo painting, complete in all respects as per Engineer's instructions.	Job	1		

Repairing work of existing structure					
19	<p>Plaster Work of Existing Toilets: Providing and applying cement sand plaster (1:4) to walls/ceilings of existing toilets after surface preparation, including removal of loose plaster, cleaning, proper bonding, filling of cracks, leveling, finishing smooth surface, curing, scaffolding, labor, material, tools and complete in all respects as per site requirements and Engineer's instructions.</p>	Sft	735.5		
20	<p>Color / Paint Work: Providing and applying approved quality paint on walls/ceilings including surface preparation, scraping of loose paint, filling of cracks with putty, sanding, primer coat, and minimum two coats of emulsion/enamel paint of approved shade; including labor, material, tools, scaffolding and complete in all respects as per site conditions and Engineer's instructions.</p>	Sft	735.5		
21	<p>Paint Work Doors: Providing and applying approved quality enamel paint on two existing wooden doors including surface preparation, scraping and sanding, filling with wood filler where required, one coat of wood primer, and minimum two coats of enamel paint of approved shade; including labor, material, tools, and complete in all respects as per Engineer's instructions.</p>	Job	46.5		
22	<p>Plain Cement Concrete (PCC) in ratio 1 : 2 : 4 (cement : sand : coarse aggregate), including screening and washing of stone aggregate, mixing, placing, compacting, leveling, finishing, and curing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Cft	30.00		
23	<p>Dismantling of Existing Structure: Dismantling and removing existing structure including walls, floors, roof, doors, windows, plaster, fittings, and other components as required; careful handling of reusable materials, disposal of debris to designated area, including labor, tools, scaffolding, and complete in all respects as per site requirements and Engineer's instructions</p>	Job	1		
Plumbing & Sanatory					
24	<p>Providing, Laying and Fixing (P/L & F) of 25mm diameter PPR pipe, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	100		
25	<p>Providing and Fixing (P/F) steel bibcock, heavy-duty, corrosion-resistant, approved make, including all necessary fittings and connections, complete in all respects, as per instructions of MAP Engineer.</p>	No	6		

26	<p>Providing and Fixing (P/F) glazed earthenware Indian type water closet (WC), squatting type, complete with integrated foot rests, white color, including 4-inch glazed P-trap, of approved make (Master or equivalent), suitable for use with Muslim shower.</p> <p>The item includes:</p> <p>One medium-size Indian WC pan Flush tank, white color, best quality All necessary fittings, connections, and accessories Pipe fitting till septic tank Proper fixing, alignment, and testing Complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer</p>	No	2		
27	<p>Providing and Fixing (P/F) glazed earthenware English-type water closet (commode), floor-mounted, white color, complete with 4-inch glazed P-trap, of approved make (Master, Porta or equivalent), suitable for persons with disabilities (PWDs), including Muslim shower. The item includes:</p> <p>One premium bathroom ceramics English-type commode Flush tank, white color, best quality All required fittings, fixtures, connections, and accessories Proper fixing, alignment, and testing Pipe fitting till septic tank Complete in all respects as per approved specifications, and instructions of MAP Engineer</p>	No	1		
28	<p>Providing and fixing a glazed earthenware wash hand basin (white) with pedestal, size 22" (width) × 16" (depth), installed at a height of 32"–34" from finished floor level with clear knee space of 28" width × 24" depth for wheelchair access, suitable for persons with disabilities (PWDs). The basin shall include a CP swan-neck single-way tap (½" dia), ½" CP tee stopcock, ½" plastic/rubber connection with check nuts, 1¼" CP waste coupling, and CP bottle trap with 1¼" waste pipe, complete with all necessary fittings, fixtures, labor, and accessories. The installation shall be properly aligned, fixed, and approved by MAP Engineer, complete in all respects.</p>	No	2		
29	<p>Providing and Fixing (P/F) stainless steel floor waste / floor Jali, heavy-duty, approved make, including frame, grating, proper outlet connection, and all accessories, complete in all respects, as per approved drawings and instructions of MAP Engineer</p>	No	3		
30	<p>Providing and Laying (P&L) 4" uPVC pipe line for drainage, including cutting, jointing, testing, disinfection, complete with heads, sockets, elbows, bends, tees, and all required accessories, of BSS Class 'C', 4-inch internal diameter (i/d), complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	30		
31	<p>Providing and Laying (P&L) 2" uPVC pipeline for vent, including cutting, jointing, testing, and disinfection, complete with heads, sockets, elbows, bends, tees, and all required accessories, of BSS Class 'C', 3-inch internal diameter (i/d), complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	20		

32	Providing, laying, cutting, jointing, testing, and disinfecting HDPE pipe (outer dia 32 mm, wall thickness 1.9 mm, PN-10, PE 100/80, black with blue stripes) for lead pipe, including all specials, stainless steel check valves, fittings, connections, jointing material, and all related works, complete in all respects as per specifications and approved by MAP Engineer. Brand: Dadex / Popular / Oxy (or equivalent).	Rft	200		
33	Providing, Laying and Fixing (P/L & F) of 50mm diameter PPR pipe PN-16, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	110		
ELECTRICAL WORK					
34	Providing and Laying Concealed Wiring for light and exhaust fan, using 3-core / 1.5 mm ² PVC insulated copper conductor cable, in conduit (PVC / suitable type), complete with all accessories, junction boxes, switch boxes, and terminations, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	100		
35	Providing and Laying PVC Conduit Pipe, 3/4" diameter, including all bends, junctions, clamps, supports, and accessories, suitable for concealed or surface wiring, complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	100		
36	Switch Board 2*(3 Gang Vertical switches) and 1*(1 Gang Vertical switch) by Schnieder electric, TJ or equivalent as per MAP Engineer instructions Complete with all accessories	No	2		
37	Supply and Erection of Best Quality Exhaust Fan, 12" sweep, (GFC, Royal, SK fans) Exhaust Plastic Fan, complete with shutter, mounting accessories, electrical connections, and testing & commissioning, as per approved drawings, specifications, and instructions of MAP Engineer.	No	2		
38	Supply and fixing of 20-Watt LED tube light (Cool white color), good quality, approved make, including all necessary holders, connections, and mounting accessories, complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer.	No	3		
39	Providing, supplying, installation, testing and commissioning of a complete set of Donkey Pump (suction pump), Brand Rehber, Jawed or equivalent 1-1/4" x 1-1/4" inch suction, inlet and outlet, consisting of solar-operated 12V DC motor (brands: Nissan Corolla, Shezad, Javed) 12V brushless type, including delivery pipe, power cable, electrical cable hook, power controller, bore cover, starter board with DC wiring, and all necessary accessories. The system shall be installed and commissioned as per site conditions, complete in all respects, as per specifications and with the approval of the MAP Engineer.	No	1		

40	Providing and installing one solar panel as per instruction by MAP Engineer. Specifications: 580W-585W N-Type Bifacial capacity, Quantity: 1, manufactured with mono-crystalline silicon Grade-A cells (German technology), clear anodized aluminum frame, and anti-reflection tempered glass (bifacial, both sides). Panel shall be approved by the MAP Engineer.	No	1		
41	Providing, fabricating, and installation of solar panel mounting structure (stand) made with 16 SWG angle iron, designed for 01 solar panels of 580W-585W capacity, with one side raised minimum 3 ft from ground level, including cutting, welding, painting, and fixing of legs in PCC (1:2:4), complete in all respects as per specifications and approved by MAP Engineer	No	1		
42	Providing and installation of DC breaker with regulator (Controller Charger), including supply and laying of DC cable 6 mm(=AWG9-8)in Copper with all jointing, cutting, fixing, and termination works, complete in all respects as per specifications and approved by MAP Engineer.	Job	1		
43	Supply and installation of 100 Ah, 12 Volt Wet battery (brand: Daewoo / Osaka / AGS/ Phoenix or equivalent), suitable for solar backup system, including battery stand, complete connections, fixing, and commissioning, with minimum 6-month warranty, complete in all respects as per specifications and approved by MAP Engineer.	No	1		
44	Visibility plate (2' X 2') 18 SWG steel (Engraved Logo Muslim aid & text)	No	1		
Dignity Kit					
45	Supply of Disposable Sanitary Pads "Always, Butterfly or Trust" Disposable sanitary pads, 230–280 mm length, with wings, soft breathable top sheet, high-absorption core, individually wrapped, 25-30 pads per pack, as per approved sample.	Pack	3		
46	Supply of Cotton Underwear (Girls) 100% cotton, full coverage brief style Sizes S/M/L mix Double-stitched, soft elastic waistband Individually packed non-transparent colors Complete in all respects as per approved sample	Each	15		
47	Supply of Bath Soap (100g) 'Safeguard or Dettol' High-quality solid bathing soap, minimum 100g per bar, mild fragrance, skin-friendly, individually factory packed, minimum 12 months shelf life, complete in all respects as per approved sample.	Each	5		
48	Supply of Laundry Soap / Detergent Bar (200g) 'Surf Excel, Bonus or Express Power' High-quality solid laundry soap suitable for hand washing, minimum weight 200g per bar, non-irritant, good lather, moisture-resistant packaging, complete in all respects as per approved sample.	Each	5		

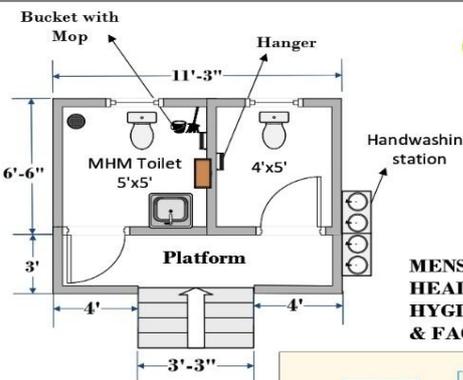
49	Supply of Cotton Hand Towel (30×60 cm) Made of 100% cotton terry fabric, minimum 350 GSM, soft, high absorbency, double stitched edges, washable, colorfast, complete in all respects as per approved sample.	No	3		
50	Wall-mounted storage box for MHM school girls' toilets: Made of virgin PP/HDPE, fully waterproof, rust-proof, heat-resistant, and non-toxic, with smooth edges, snap-on or hinged lid, optional dividers, Size: 18×12×8 in, wall-mounted 35–43 in from floor, holds 3–5 kg, easy to clean, complete as per approved sample by MAP engineer	Job	1		
51	Cloth Hanger for MHM School Girls' Toilets: Wall-mounted hanger made of rust-proof stainless steel or durable plastic, capable of holding towels, cloths, or reusable pads, with smooth, rounded edges for safety. Size approximately 12–16 inches in width, securely fixed with rust-proof screws/anchors at 36–48 inches from floor, easy to clean and maintain, complete as per approved sample.	Each	2		
Total amount for construction of toilet blocks including all taxes (PKR)					

Drawing/Design

Toilet 2D Plan, Structure details & 3D design:

Title : **Detail of 2 Toilet Block for School**

Implemented By: **MUSLIM AID PAK**

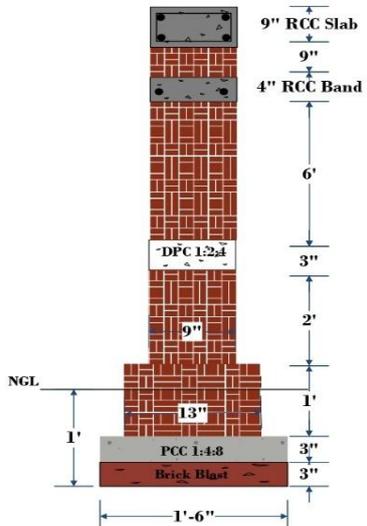


MENSTRUAL HEALTH AND HYGIENE TOILET & FACILITIES

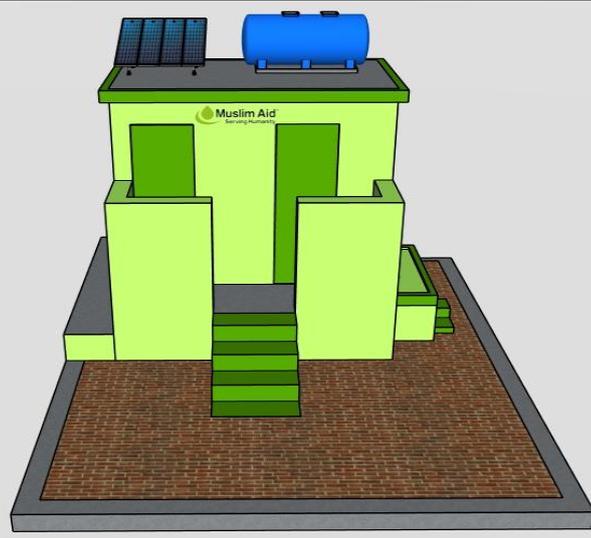
PLAN

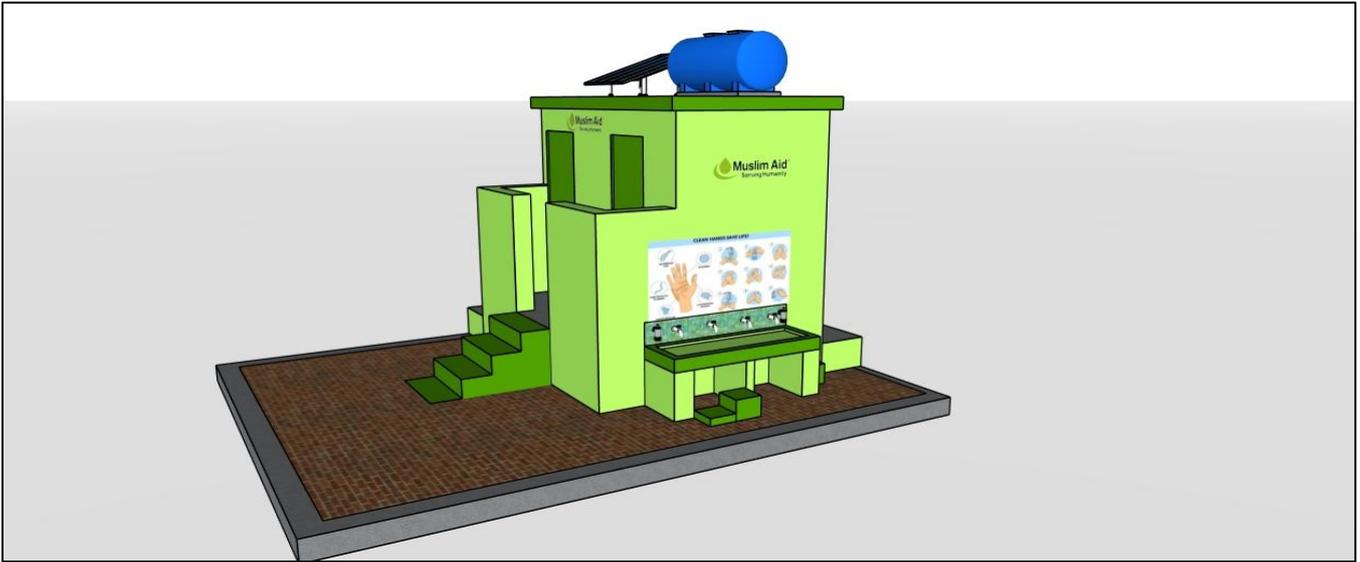
1. Door = 2'6" x 6'
2. Ventilator = 2' x 1'





Section Detail





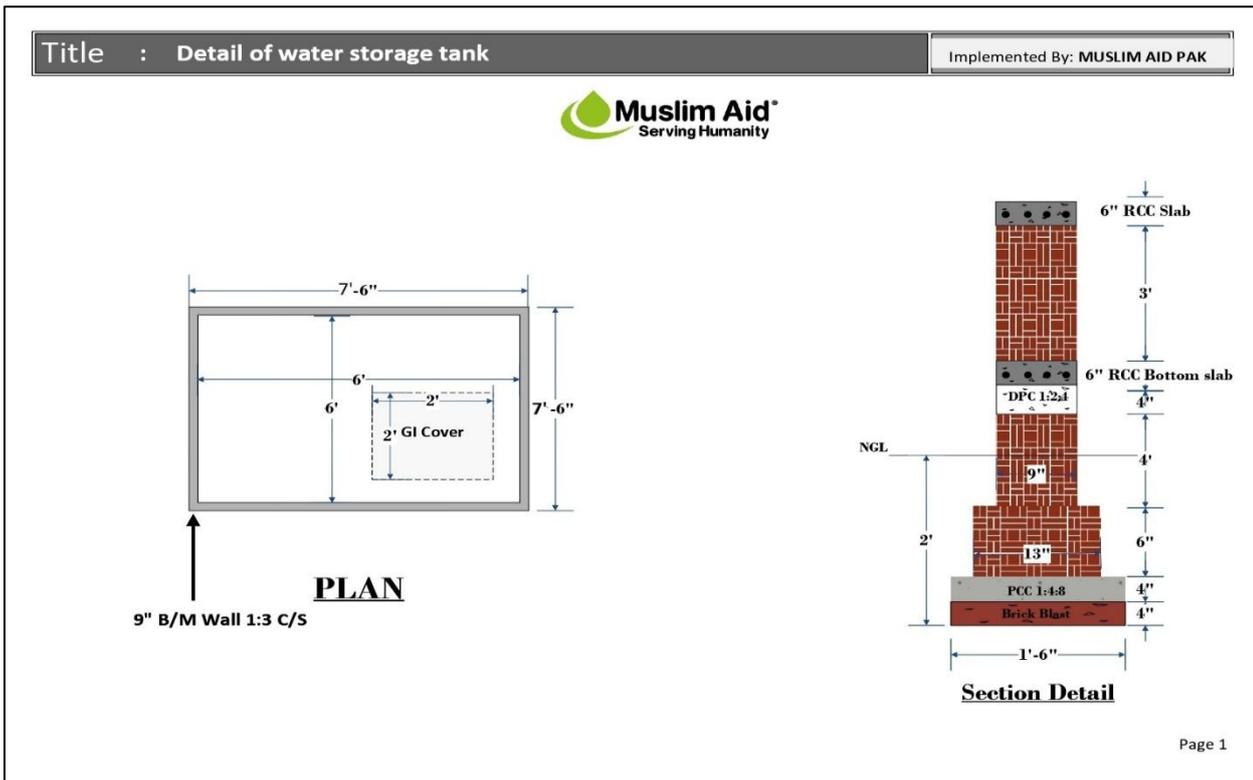
2.2 Construction of the water storage tank					
GBPS Dost Muhammad Dhonkai,					
BILL OF QUANTITIES-BoQ					
Sr.#	Item Description	Unit	Qty	Unit Rate (PKR)	Amount (PKR)
A	Water Storage Tank Construction				
1	Excavation in all kinds of soil for water storage tank walls, foundations, and trenches, including dressing, leveling, disposal of soil earth within lead as directed, and complete in all respects as per specifications and instructions of MAP Engineer.	Cft	349.75		
2	Providing and laying plain cement concrete (PCC) 1:4:8 mix in foundations, steps, and water tank bottom for leveling, including formwork (where required), compaction, finishing, and curing (minimum 14 days), complete in all respects as per specifications and instructions of MAP Engineer	Cft	22.48		
3	Providing and constructing brick masonry with Class-A bricks (minimum compressive strength 1500 PSI) in cement-sand mortar (1:3), for substructure/foundation walls, straight or curved in plan, at all heights and levels, including scaffolding, finishing, and curing (minimum 14 day), complete in all respects as per specifications and approved by MAP Engineer	cft	185.41		
4	Providing and laying reinforced cement concrete (RCC) work for 6" thick core wall and bottom slab in cement concrete (1:2:4 mix), including formwork, compaction, finishing, and curing (minimum 14 days), but excluding the cost of steel reinforcement, complete in all respects as per structural drawings, specifications, and approved by Project Engineer	Cft	69.88		
5	Providing and Applying Cement Plaster (1 : 3, cement : sand) with water proofing agent sika seal, Dr fixit (1liter per 50kg bag) or as per MAP Engineer instruction on inner side and outer walls of Storage tank, bottom of roof shade and Slab bottom including surface preparation, cleaning, scratch coat, finishing, curing, and all labor and materials, complete in all respects, as per approved specifications, and instructions of MAP Engineer.	Sft	445.75		
6	Providing and applying chips plaster (black stone aggregate granules, clean and free from dust, 1.5" to 2" (Sooter thick) with waterproofing admixture on internal walls and bed of water tank, including surface preparation, mixing, application, curing, and finishing, complete in all respects as per specifications and approved by MAP Engineer	Sft	96.00		
7	Providing and fixing GI cover (size 2' x 2') fabricated with 2" x 2" x 6 mm angle iron frame and 18-gauge MS sheet, including hinges, handles, locking arrangement, red oxide primer with two coats of enamel paint, and complete fixing in proper manner, complete in all respects as per specifications and approved by MAP Engineer	JOB	1.00		

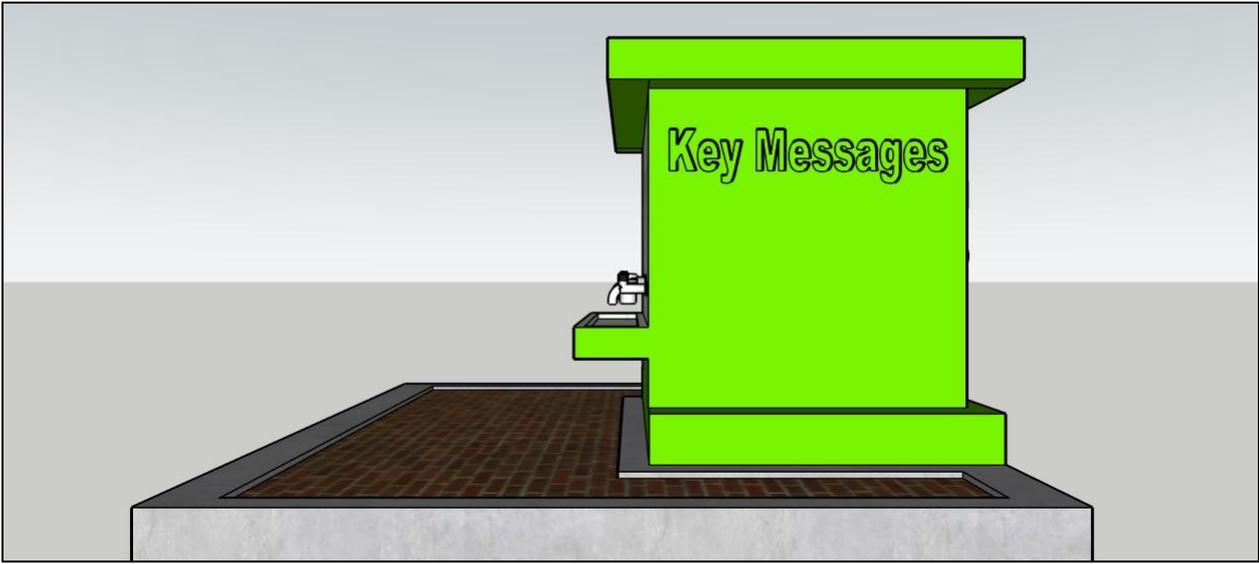
8	Providing and fixing ½" dia deformed steel bars (Grade-60) at 6" c/c spacing, including cutting, bending, jointing, binding, fixing, transportation, and labor, complete in all respects as per structural drawings and instructions of MAP Engineer. Brand: Amreli (or equivalent approved).	kg	92.88		
9	Providing and fixing ceramic tile (Thickness: 10–12 mm or more, Non-glazed (matte finish) for slip resistance) work in front of tank/water collection area (flooring), using approved quality tiles (Ash white color or as directed by MAP Engineer), including surface preparation, fixing with cement–sand mortar (1:4), proper grouting, finishing, curing, and all related works, complete in all respects as per specifications and approved by MAP Engineer	Sft	45.00		
10	Applying weather shield paint on all external surfaces of the structure, including 02 coats of weather primer and 03 coats of weather shield paint (approved brands: ICI / Berger / Brighto / Diamond / Master), surface preparation, scaffolding, labor, and all related works, complete in all respects as per specifications and approved by MAP Engineer	Sft	205.50		
11	Providing, fixing, and jointing 2" dia IIL-EL GI pipe for overflow/washout, including fittings, cutting, jointing, and all necessary works, complete in all respects as per specifications and as approved by MAP Engineer	Rft	3.00		
12	Providing and installation of 4" dia PVC pipe (A-Class, white, good quality – Jaddah, Pak Arab, Master, Adam je or equivalent), for wastewater drain up to 30' length, including cutting, jointing, fixing, and all necessary works, complete in all respects as per specifications and approved by MAP Engineer.	Rft	30.00		
13	Providing and laying 4.5" thick brick soiling/pavement including proper leveling and compaction; edges 9" wide plastered with cement–sand mortar (1:3); bed well-compacted with mechanical compactor; top grouted and finished to exact level, complete in all respects. Technical notes: All bricks to be of approved quality, free from cracks. Cement–sand mortar (1:4) for edge plastering and grouting. Cement–sand ratio (1:4) for bed having 1.5inch thick. Ensure proper leveling and compaction of base and bed. Grouting to be done neatly with joints filled completely and surface finished flush.	Sft	300.00		
B	Plumbing work				
14	Providing, laying, cutting, jointing, testing, and disinfecting HDPE pipe (outer dia 32 mm, wall thickness 1.9 mm, PN-10, PE 100/80, black with blue stripes) for lead pipe, including all specials, stainless steel check valves, fittings, connections, jointing material, and all related works, complete in all respects as per specifications and approved by MAP Engineer. Brand: Dadex / Popular / Oxy (or equivalent).	RFT	200.00		

15	Providing and fixing stainless steel check valve on each joint of lead line pipe, including cutting, threading, jointing, fittings, testing, and all necessary materials, complete in all respects as per specifications and approved by MAP Engineer.	No	1.00		
16	Providing and installation of stainless steel Jali for proper drainage of wastewater complete in all respects and approved by MAP Engineer.	NO	1.00		
17	Providing and supplying PVC solution/adhesive (strong bond), packed in 500 gm tin, for joining of PVC pipes, complete in all respects as per specifications and approved by MAP Engineer	NO	1.00		
18	Providing & Fixing Stainless Steel Tap for Water Storage Tank: Supplying and installing high-quality stainless steel heavy-duty bib cock (½" or ¾") for water storage tank, including all necessary fittings, nipples, Teflon tape, and proper connection to outlet pipe; complete with testing for leakage, labor, materials, tools, and finishing in all respects as per site requirements and Engineer's instructions.	No	3.00		
C	Electrical/Solarization Work				
19	Conducting pre- and post-water quality tests through PCRWR (Pakistan Council of Research in Water Resources), covering complete physical, chemical, and biological parameters including: Color, Odor, Taste, Electrical Conductivity, Turbidity, Alkalinity, Bicarbonate, Calcium, Carbonate, Chloride, Hardness, Magnesium, Potassium, Sodium, Sulphate, Nitrate, Fluoride, Iron, Arsenic, TDS, Total Coliforms, and E-Coli; complete in all respects as per specifications	J	2.00		
20	Aqua Save Triple Water Filter – 3-Stage Purification: Providing and installing Aqua Save Triple Water Filter system comprising three-stage purification (sediment filter, activated carbon filter, and carbon block/UF cartridge) suitable for connection with water storage tank or supply line; including complete housing unit, mounting bracket, cartridges, necessary GI/PVC connections, valves, fittings, testing and commissioning; complete with labor, material, tools and accessories in all respects as per manufacturer's guidelines and Engineer's instructions.	set	1		
21	Visibility plate (2' X 2') 18 SWG steel (Engraved Logo Muslim aid & text)	No	1.00		
22	Soil Backfill: Providing and laying approved excavated or imported soil as backfill in foundations, trenches, and around structures in 6" layers, including watering, proper compaction, leveling, dressing, and disposal of surplus material; complete with labor, material, tools, and equipment in all respects as per the Engineer's instructions.	Cft	200.00		
Total Amount for Construction of Water Storage Tank Including all taxes (PKR)					

Drawing/Design

Water Storage tank 2D Plan, Structure details & 3D design:





3. Summary of Cost of WASH facilities in GGPS Raheem Kumbher, District Umerkot

S #	Description	Total Amount
3.1	Construction of the Toilet Block	
3.2	Construction of a Single Toilet for PWDs	
3.3	Construction of the water storage tank	
Total Amount in PKR		

3.1- Construction of the Toilet Block

GGPS Raheem Kumbher, District Umerkot

BILL OF QUANTITIES (BoQs)

Sr. #	Item Description	Unit	Qty	Unit Rate (PKR)	Amount (PKR)
1	Excavation in foundation of latrine, Septic tank, Soakage pit, other structures, including all kinds of soil, (ordinary and hard rock, refilling around structure with excavated earth)	Cft	275.13		
2	Providing and Laying brick blast / brick soling in foundation, using well-burnt, hard broken bricks, laid flat, properly packed and compacted, including watering, ramming, and leveling, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer	Cft	62.48		
3	Plain Cement Concrete (PCC) in ratio 1: 4: 8 (cement: sand: coarse aggregate), including screening and washing of aggregates, mixing, placing, compacting, leveling, and finishing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	37.53		
4	Plain Cement Concrete (PCC) in ratio 1: 2: 4 (cement: sand: coarse aggregate), including screening and washing of stone aggregate, mixing, placing, compacting, leveling, finishing, and curing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	43.33		
5	Pacca brick masonry works in latrine walls, septic tank, and soakage pit, using well-burnt first-class bricks, laid in cement-sand mortar ratio 1:4, including cutting, bonding, raking of joints, curing, and all related labor and materials, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	530.14		
6	Providing and Laying Reinforced Cement Concrete (RCC), Type-C (nominal mix 1: 2: 4) using approved quality cement, clean coarse sand, and crushed stone aggregate, including mixing, placing, compacting (mechanical or manual), Shuttering, finishing, and curing, complete in all respects.	Cft	77.53		

7	Fabrication and fixing of deformed steel reinforcement 60 grade of Dia 12mm for cement concrete, including cutting, bending, straightening, cleaning/removal of rust, placing in position, making laps and joints, tying and fastening with binding wire, complete with all labor, tools, and accessories, complete in all respects, as per approved drawing, specifications, and instructions of MAP Engineer.	Kg	96.87		
8	Providing and Applying Cement Plaster (1: 4, cement: sand) on inner and outer walls of latrine structures, bottom of roof shade, parapet walls, and septic tanks, including surface preparation, cleaning, scratch coat, finishing, curing, and all labor and materials, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Sft	987.75		
9	Providing and Fixing (P/F) Iron Door, size 2'-6" × 6', fabricated with: Frame: 1-1/4" × 3/16" angle iron Door panel: 16 SWG iron sheet, reinforced with crossed-shaped 18 gauge iron Patti on doors to reduce flexibility of door. Hinges: 6 hinges of 6", 3 in each side of door One coat red oxide and 2 coat of green oil paint Locking / fastenings: As per site requirements and approved by Engineer	No	2		
10	Providing and Fixing PCC Ventilator, size 1'-6" × 1'-6", including: Frame: 3/4" angle iron Filling: Plastic mesh to prevent insects Casting: Plain Cement Concrete (PCC) as per specifications Finishing: Smooth and even, complete in all respects All work shall be aligned, fixed, and approved by MAP Engineer, including all labor, materials, and accessories necessary for complete installation.	No	4		
11	<u>Matt Finish and Wall Putty:</u> The work involves applying vinyl emulsion distemper for interior surfaces, consisting of three coats (1 primer coat and 2 vinyl emulsion distemper) to ensure a smooth and uniform finish. The process includes surface preparation with proper filling and surfacing to achieve the desired quality. Only high-quality brands such as Master, ICI Diamond, Brighto, Burger, or equivalent, as approved by the engineer, will be used. All work will adhere to the specified standards, ensuring a durable and aesthetically pleasing finish.	Sft	439.00		

12	<p>Weather Shield External: The work entails applying weather-resistant paint for exterior surfaces, consisting of three coats (1 coat weather primer and 2 coat Weather shield) to ensure a durable and aesthetically pleasing finish. The process includes thorough surface preparation with proper filling and surfacing to achieve the desired quality and longevity. Only high-quality products such as Master, ICI Diamond, Brighto, Burger, or equivalent, as approved by the engineer, will be used. All work will comply with the specified standards, ensuring a finish that withstands environmental conditions and maintains its appearance over time.</p>	Sft	509.75		
13	<p>Paint for Doors Oil paint for steelwork (02 door both side) work surface with 3 coats including filling & surfacing, approved by the engineer. (ICI, Dimond, Brighto , or equivalent)</p>	Sft	60.00		
14	<p>Providing and Fixing (P/F) horizontal cylindrical plastic water storage tank of 750 liters capacity, 3-layer of approved make such as Master, Sonex, Dura or equivalent, including all fittings, inlet, outlet, overflow, washout, tight-fitting cover, and proper installation on RCC / concrete platform/base, complete in all respects as per instructions of MAP Engineer.</p>	No	1		
15	<p>Tile Work (Shabbir Tiles & Ceramics (STILE), Master Tiles, Sonex Tiles, National Tiles or as pe MAP Engineer instructions.) Floor Tiles Type: Anti-slip ceramic / vitrified / porcelain tiles Slip Resistance: Minimum R10–R12 (wet area rating) Size: 12" × 12", 16" × 16", or small tiles 6" × 6" for wet areas to reduce slipping Finish: Matte or textured finish (avoid glossy tiles) Installation: Level joints, properly grouted; slopes toward drain in wet areas</p>	Sft	76.00		
16	<p>Providing and fixing a best quality 5 mm thick mirror, size 22" × 16" and soap holder including proper aluminum / PVC frame or clips as required, secure fixing on the wall, complete with all labor, adhesives, and accessories, finished neat and level, and approved by MAP Engineer, complete in all respects.</p>	No	2		
17	<p>Providing and laying 4.5" thick brick soiling/pavement including proper leveling and compaction; edges 9" wide plastered with cement–sand mortar (1:4); bed well-compacted with mechanical compactor; top grouted and finished to exact level, complete in all respects. Technical notes: All bricks to be of approved quality, free from cracks. Cement–sand mortar (1:4) for edge plastering and grouting.</p>	Sft	200		

	Ensure proper leveling and compaction of base and bed. Grouting to be done neatly with joints filled completely and surface finished flush.				
18	Providing complete painting work at school handwashing station including surface preparation, 1 coat primer and 2 coats washable/weather-resistant emulsion paint up to 4 ft height with backsplash, along with hygiene awareness sketches and approved organization logo painting, complete in all respects as per Engineer's instructions.	Job	1		
Plumbing & Sanatory					
19	Providing, Laying and Fixing (P/L & F) of 25mm diameter PPR pipe, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	100		
20	Providing and Fixing (P/F) steel bibcock, heavy-duty, corrosion-resistant, approved make, including all necessary fittings and connections, complete in all respects, as per instructions of MAP Engineer.	No	6		
21	Providing and Fixing (P/F) glazed earthenware Indian type water closet (WC), squatting type, complete with integrated foot rests, white color, including 4-inch glazed P-trap, of approved make (Master or equivalent), suitable for use with Muslim shower. The item includes: One medium-size Indian WC pan Flush tank, white color, best quality All necessary fittings, connections, and accessories Pipe fitting till septic tank Proper fixing, alignment, and testing Complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer	No	2		
22	Providing and Fixing (P/F) glazed earthenware English-type water closet (commode), floor-mounted, white color, complete with 4-inch glazed P-trap, of approved make (Master, Porta or equivalent), suitable for persons with disabilities (PWDs), including Muslim shower. The item includes: One premium bathroom ceramics English-type commode Flush tank, white color, best quality All required fittings, fixtures, connections, and accessories Proper fixing, alignment, and testing Pipe fitting till septic tank Complete in all respects as per approved specifications, and instructions of MAP Engineer	No	1		

23	Providing and fixing a glazed earthenware wash hand basin (white) with pedestal, size 22" (width) × 16" (depth), installed at a height of 32"–34" from finished floor level with clear knee space of 28" width × 24" depth for wheelchair access, suitable for persons with disabilities (PWDs). The basin shall include a CP swan-neck single-way tap (½" dia), ½" CP tee stopcock, ½" plastic/rubber connection with check nuts, 1¼" CP waste coupling, and CP bottle trap with 1¼" waste pipe, complete with all necessary fittings, fixtures, labor, and accessories. The installation shall be properly aligned, fixed, and approved by MAP Engineer, complete in all respects.	No	2		
24	Providing and Fixing (P/F) stainless steel floor waste / floor Jali, heavy-duty, approved make, including frame, grating, proper outlet connection, and all accessories, complete in all respects, as per approved drawings and instructions of MAP Engineer	No	3		
25	Providing and Laying (P&L) 4" uPVC pipe line for drainage, including cutting, jointing, testing, disinfection, complete with heads, sockets, elbows, bends, tees, and all required accessories, of BSS Class 'C', 4-inch internal diameter (i/d), complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	30		
26	Providing and Laying (P&L) 2" uPVC pipeline for vent, including cutting, jointing, testing, and disinfection, complete with heads, sockets, elbows, bends, tees, and all required accessories, of BSS Class 'C', 3-inch internal diameter (i/d), complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	20		
27	Providing, laying, cutting, jointing, testing, and disinfecting HDPE pipe (outer dia 32 mm, wall thickness 1.9 mm, PN-10, PE 100/80, black with blue stripes) for lead pipe, including all specials, stainless steel check valves, fittings, connections, jointing material, and all related works, complete in all respects as per specifications and approved by MAP Engineer. Brand: Dadex / Popular / Oxy (or equivalent).	Rft	200		
28	Providing, Laying and Fixing (P/L & F) of 50mm diameter PPR pipe PN-16, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	110		
ELECTRICAL WORK					
29	Providing and Laying Concealed Wiring for light and exhaust fan, using 3-core / 1.5 mm ² PVC insulated copper conductor cable, in conduit (PVC / suitable type), complete with all accessories, junction boxes, switch boxes, and terminations, as per approved	Rft	100		

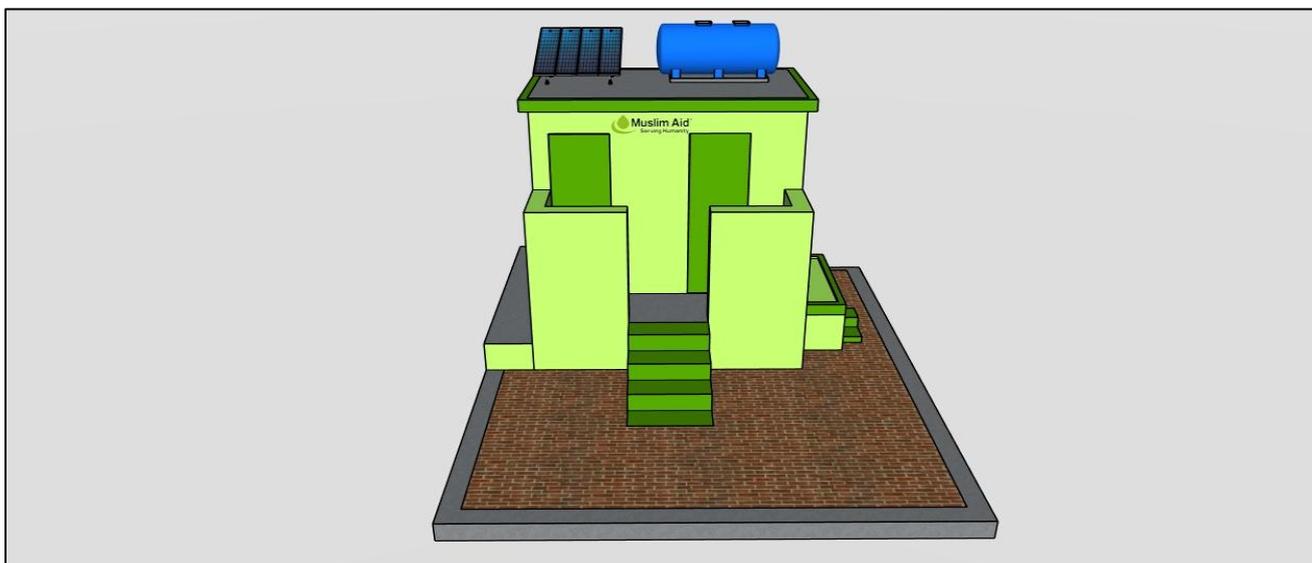
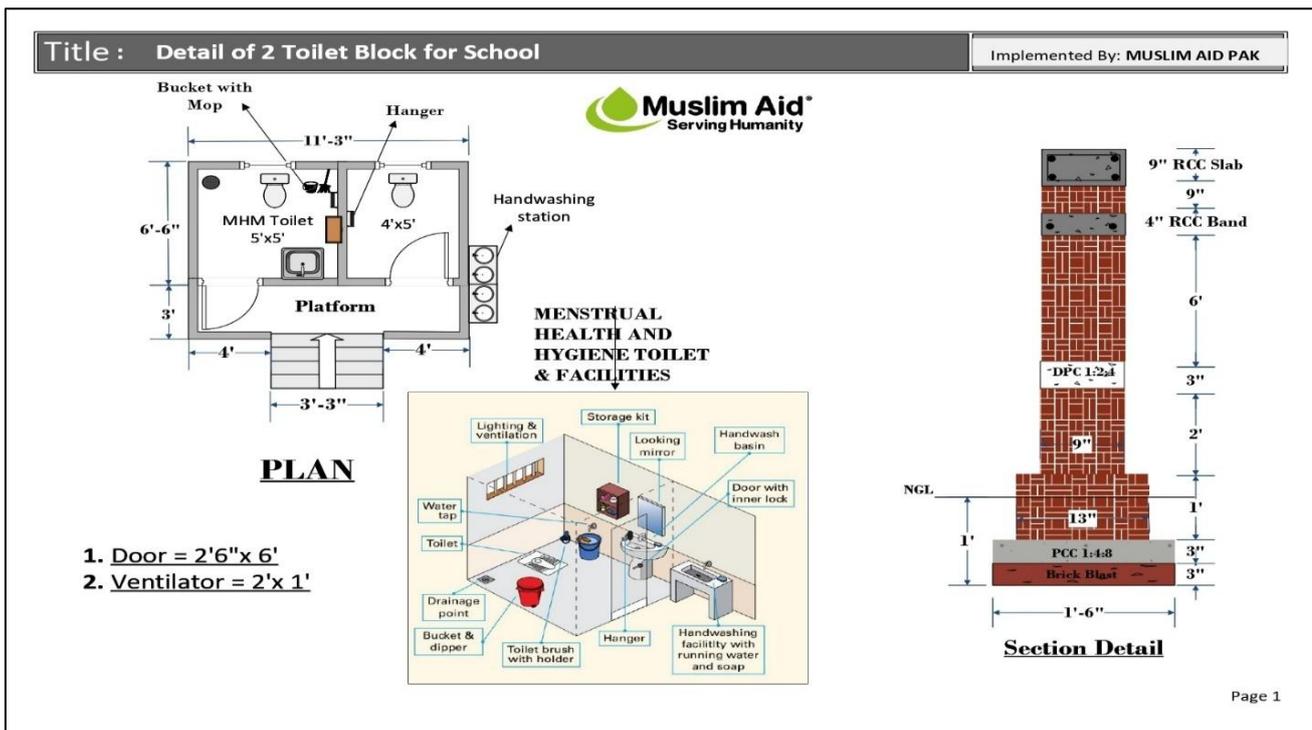
	drawings, specifications, and instructions of MAP Engineer.				
30	Providing and Laying PVC Conduit Pipe, 3/4" diameter, including all bends, junctions, clamps, supports, and accessories, suitable for concealed or surface wiring, complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	100		
31	Switch Board 2*(3 Gang Vertical switches) and 1*(1 Gang Vertical switch) by Schnieder electric, TJ or equivalent as per MAP Engineer instructions Complete with all accessories	No	2		
32	Supply and Erection of Best Quality Exhaust Fan, 12" sweep, (GFC, Royal, SK fans) Exhaust Plastic Fan, complete with shutter, mounting accessories, electrical connections, and testing & commissioning, as per approved drawings, specifications, and instructions of MAP Engineer.	No	2		
33	Supply and fixing of 20-Watt LED tube light (Cool white color), good quality, approved make, including all necessary holders, connections, and mounting accessories, complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer.	No	3		
34	Providing, supplying, installation, testing and commissioning of a complete set of Donkey Pump (suction pump), Brand Rehber, Jawed or equivalent 1-1/4" x 1-1/4" inch suction, inlet and outlet, consisting of solar-operated 12V DC motor (brands: Nissan Corolla, Shezad, Javed) 12V bushless type, including delivery pipe, power cable, electrical cable hook, power controller, bore cover, starter board with DC wiring, and all necessary accessories. The system shall be installed and commissioned as per site conditions, complete in all respects, as per specifications and with the approval of the MAP Engineer.	No	1		
35	Providing and installing one solar panel as per instruction by MAP Engineer. Specifications: 580W-585W N-Type Bifacial capacity, Quantity: 1, manufactured with mono-crystalline silicon Grade-A cells (German technology), clear anodized aluminum frame, and anti-reflection tempered glass (bifacial, both sides). Panel shall be approved by the MAP Engineer.	No	1		
36	Providing, fabricating, and installation of solar panel mounting structure (stand) made with 16 SWG angle iron, designed for 01 solar panels of 580W-585W capacity, with one side raised minimum 3 ft from ground level, including cutting, welding, painting, and fixing of legs in PCC (1:2:4), complete in all respects as per specifications and approved by MAP Engineer	No	1		

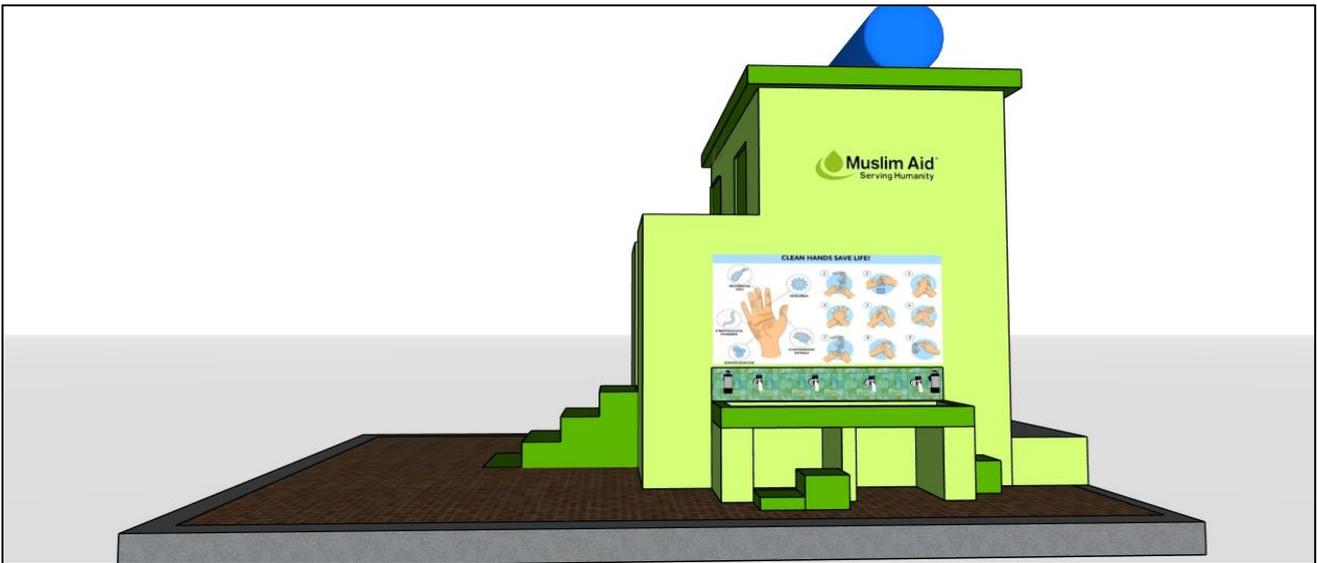
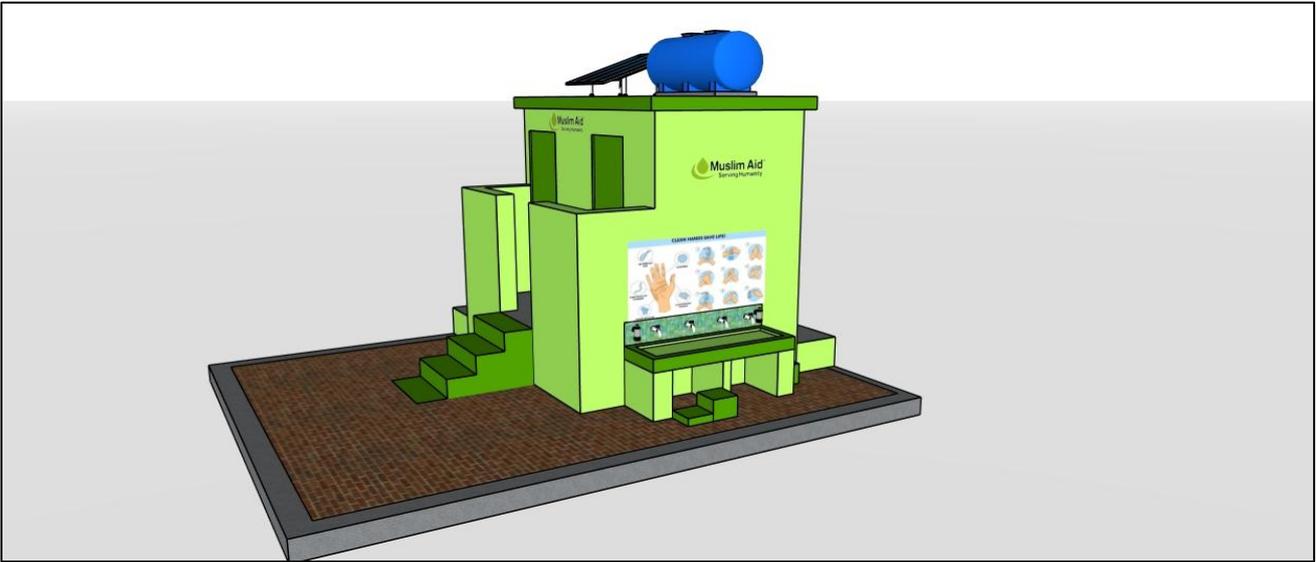
37	Providing and installation of DC breaker with regulator (Controller Charger), including supply and laying of DC cable 6 mm(=AWG9-8)in Copper with all jointing, cutting, fixing, and termination works, complete in all respects as per specifications and approved by MAP Engineer.	Job	1		
38	Supply and installation of 100 Ah, 12 Volt Wet battery (brand: Daewoo / Osaka / AGS/ Phoenix or equivalent), suitable for solar backup system, including battery stand, complete connections, fixing, and commissioning, with minimum 6-month warranty, complete in all respects as per specifications and approved by MAP Engineer.	No	1		
39	Visibility plate (2' X 2') 18 SWG steel (Engraved Logo Muslim aid & text)	No	1		
Dignity Kit					
40	Supply of Disposable Sanitary Pads "Always, Butterfly or Trust" Disposable sanitary pads, 230–280 mm length, with wings, soft breathable top sheet, high-absorption core, individually wrapped, 25-30 pads per pack, as per approved sample.	Pack	3		
41	Supply of Cotton Underwear (Girls) 100% cotton, full coverage brief style Sizes S/M/L mix Double-stitched, soft elastic waistband Individually packed non-transparent colors Complete in all respects as per approved sample	Each	15		
42	Supply of Bath Soap (100g) 'Safeguard or Dettol' High-quality solid bathing soap, minimum 100g per bar, mild fragrance, skin-friendly, individually factory packed, minimum 12 months shelf life, complete in all respects as per approved sample.	Each	5		
43	Supply of Laundry Soap / Detergent Bar (200g) 'Surf Excel, Bonus or Express Power' High-quality solid laundry soap suitable for hand washing, minimum weight 200g per bar, non-irritant, good lather, moisture-resistant packaging, complete in all respects as per approved sample.	Each	5		
44	Supply of Cotton Hand Towel (30×60 cm) Made of 100% cotton terry fabric, minimum 350 GSM, soft, high absorbency, double stitched edges, washable, colorfast, complete in all respects as per approved sample.	No	3		
45	Wall-mounted storage box for MHM school girls' toilets: Made of virgin PP/HDPE, fully waterproof, rust-proof, heat-resistant, and non-toxic, with smooth edges, snap-on or hinged lid, optional dividers, Size: 18×12×8 in, wall-mounted 35–43 in from floor, holds 3–5 kg, easy to clean, complete as per approved sample by MAP engineer	Job	1		

46	Cloth Hanger for MHM School Girls' Toilets: Wall-mounted hanger made of rust-proof stainless steel or durable plastic, capable of holding towels, cloths, or reusable pads, with smooth, rounded edges for safety. Size approximately 12–16 inches in width, securely fixed with rust-proof screws/anchors at 36–48 inches from floor, easy to clean and maintain, complete as per approved sample.	Each	2		
Total amount for Construction of Toilet Blocks including all taxes (PKR)					

Drawing/Design

Toilet 2D Plan, Structure details & 3D design:





3.2- Construction of a single toilet for PWD

GGPS Raheem Kumbher, District Umerkot

BILL OF QUANTITIES -BoQ

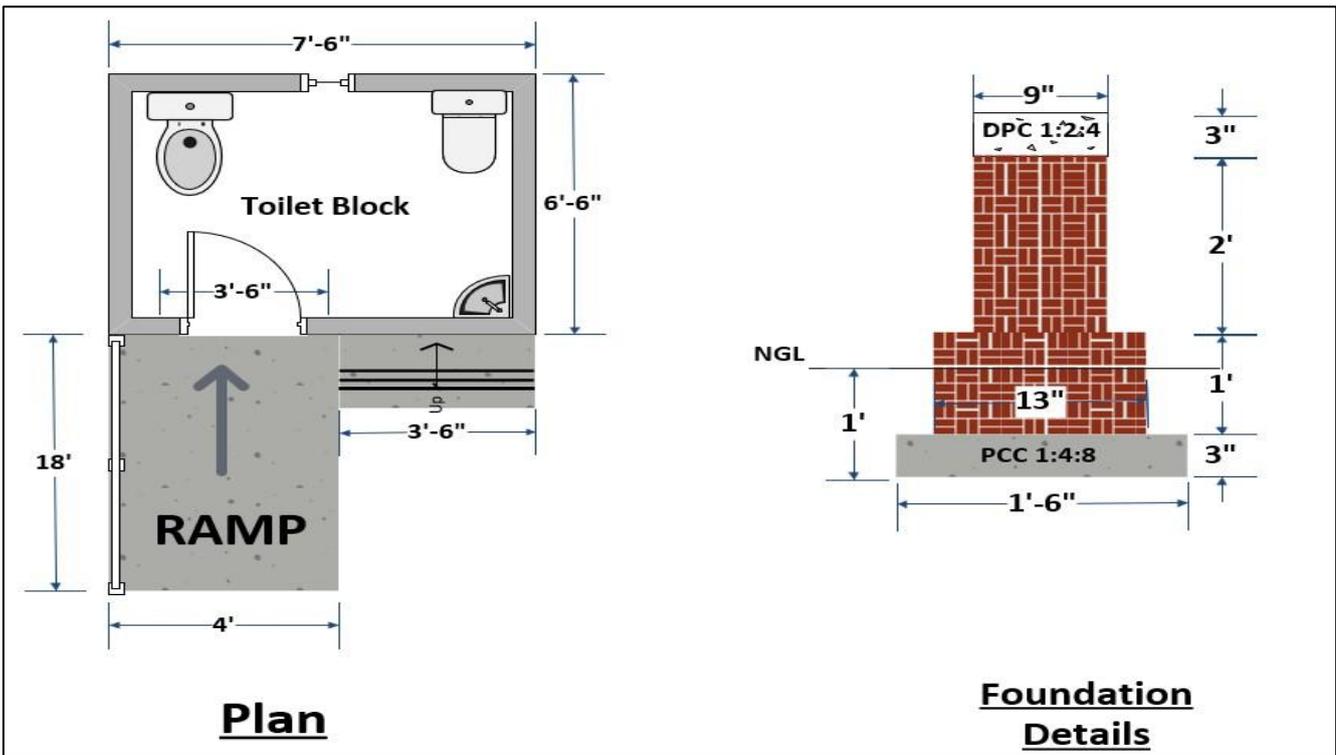
S #	Item Description	Unit	Qty	Unit Rate (PKR)	Amount (PKR)
1	Excavation in foundation of latrine, Septic tank, Soakage pit, other structures, including all kinds of soil, (ordinary and heard rock, refilling around structure with excavated earth)	Cft	227		
2	Plain Cement concrete (PCC) including placing, compacting, finishing and complete (including screening and washing aggregate) Ratio 1: 4: 8	Cft	29.47		
3	Pacca Brick works in latrine, walls septic tank, soakage pit; with cement, sand mortar: - Ratio 1:4	Cft	295.40		
4	Plain Cement concrete (PCC)including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) Ratio 1: 2: 4	Cft	12.19		
5	Providing and laying reinforced cement concrete (RCC) (including prestressed concrete), using coarse sand etc.) Reinforced cement concrete in roof slab, latrine, septic tank 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. Type C (nominal mix 1: 2: 4)	Cft	16.09		
6	Cement plaster 1:4 in latrine structure inner & Outer wall bottom of roof shade parapet wall, septic tank .1/2" thick	Sft	565.75		
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 labor charges for binding of steel reinforcement (also includes removal of rust from bars	Kg	86		
8	<p><u>Matt Finish and Wall Putty:</u></p> <p>The work involves applying vinyl emulsion distemper for interior surfaces, consisting of three coats to ensure a smooth and uniform finish. The process includes surface preparation with proper filling and surfacing to achieve the desired quality. Only high-quality brands such as ICI Diamond, Brighto, or equivalent, as approved by the engineer, will be used. All work will adhere to the specified standards, ensuring a durable and aesthetically pleasing finish.</p>	Sft	195		

9	<p><u>Weather Shield External:</u> The work entails applying weather-resistant paint for exterior surfaces, consisting of three coats to ensure a durable and aesthetically pleasing finish. The process includes thorough surface preparation with proper filling and surfacing to achieve the desired quality and longevity. Only high-quality products such as ICI Diamond, Brighto, or equivalent, as approved by the engineer, will be used. All work will comply with the specified standards, ensuring a finish that withstands environmental conditions and maintains its appearance over time.</p>	Sft	280		
10	<p><u>Paint for Doors</u> Oil paint for steelwork (01 door, both side) work surface with 3 coats including filling & surfacing, approved by the engineer. (ICI, Dimond, Brighto , or equivalent)</p>	Sft	36		
11	<p>P/F 3'-6"x6' iron door with fixing 1-1/4"x3/16" angle iron and using of Press 18SWG iron sheet & and L pipe small 18 gauge with 2 daraz 1 inner & 1outer. 6" 6Hings complete in all respects. 2 coat final painting as using in latrine construction. Approved by the Engineer.</p>	No	1		
12	<p>PCC Ventilator (1.5 'x1.5') welding with 3/4 inches angle iron frame and plastic mesh to prevent insects with paint. Approved by the Engineer.</p>	No	1		
13	<p>Aluminum Handrail for Disabled persons (Ramp) So that they may use it for their easy access. horizontal Pipe sides,3.5 feet 18'+ 18' (36') Rft , pipe dia (2'')50mm both, distance 8 inch and height 3' Complete in all aspects as decided by Engineer in charge at site. As specified by Engineer Recommended ramp slope: 1:12 (1 inch rise for every 12 inches length)</p>	Job	1		
14	<p>water tank 700 liters : Providing laying and connecting a pipeline water tank 700 liter, Three Ply (Dura) or Master approved by field engineer.</p>	No	1		
15	<p>Provide and Fixing stainless Steel grab bars having size of 2-3ft in length and 1.5" dia GI pipe with good quality and 2" away from wall (Fixed and Moving)</p>	No	2		
Plumbing work					
16	<p>Providing, Laying and Fixing (P/L & F) of 25mm diameter PPR pipe, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	70		
17	<p>Providing and Fixing (P/F) steel bibcock, heavy-duty, corrosion-resistant, approved make, including all necessary fittings and connections, complete in all respects, as per instructions of MAP Engineer.</p>	No	2		

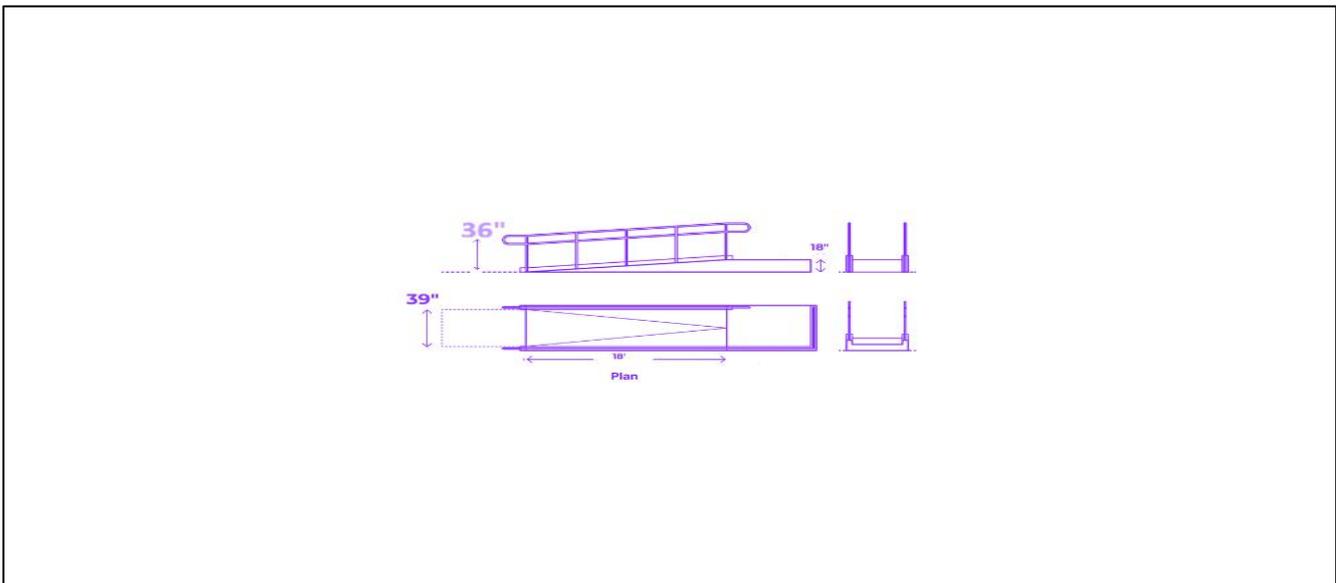
18	Providing and Fixing (P/F) glazed earthenware Indian type water closet (WC) with lota, squatting type, complete with integrated foot rests, white color, including 4-inch glazed P-trap, of approved make (Master or equivalent), suitable for use with Muslim shower. The item includes: One medium-size Indian WC pan Flush tank, white color, best quality All necessary fittings, connections, and accessories Proper fixing, alignment, and testing Complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer	No	1		
19	Providing and Fixing glazed Earthen ware Wash hand basin (White) with pedestal complete of size 22"x16", including CP swan neck Single way cock 1/2" dia ,1/2" CP tee stop-cock, 1/2" plastic rubber connection including check nuts, 1.25" CP waste coupling and CP bottle trough with waste pipe 1.25" dia etc., complete in all respect.	No	1		
20	Steel Muslim Shower combined with double bibcock of approved color and make including all fittings for complete installation	No	1		
21	Floor Waste /floor Jali steel, good quality	No	1		
22	P&L, cut, joint, test, Head, Socket, elbow disinfect U PVC pipeline BSS Class 'Coworking pressure: 4" i/d with accessories Complete	Rft	30		
ELECTRIFICATION					-
23	Concealed Wiring of light/exhaust fan/bell point in 3/.29 PVC insulated	Rft	50		
24	PVC Pipe Conduit 3/4" Dia	Rft	50		
25	Switch Board (3" * 6") Complete with all accessories	No	1		
26	Supply and Erection best quality exhaust fan complete with shutter & regulator: 12"sweep	No	1		
27	S & F of holders/Angle holder	No	2		
28	S/F of Energy Savers 18Watts	No	2		
29	Visibility plate, good quality steel (2 Logo Muslim aid & text the size of the steel plate 2.5'x3'with writing)	No	1		
Total Amount PKR for the construction of a single latrine including all taxes (PKR)					

Drawing/Design

Toilet 2D Plan, Structure details & 3D design:



Ramp Railing Design:



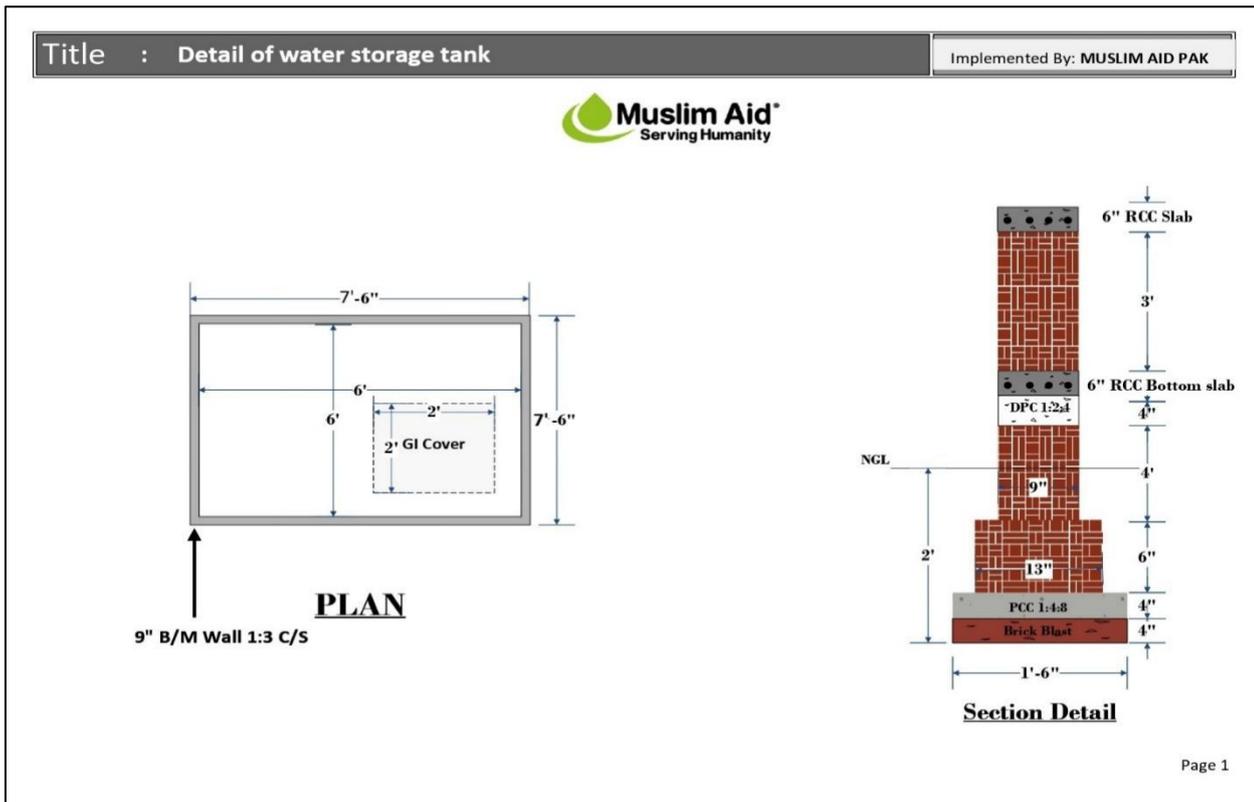
3.3 Construction of the Water Storage tank					
GGPS Raheem Kumbher, District Umerkot					
BILL OF QUANTITIES-BoQ					
S #	Item Description	Unit	Qty	Unit Rate (PKR)	Amount (PKR)
A	Water Storage Tank Construction				
1	Excavation in all kinds of soil for water storage tank walls, foundations, and trenches, including dressing, leveling, disposal of soil earth within lead as directed, and complete in all respects as per specifications and instructions of MAP Engineer.	Cft	349.75		
2	Providing and laying plain cement concrete (PCC) 1:4:8 mix in foundations, steps, and water tank bottom for leveling, including formwork (where required), compaction, finishing, and curing (minimum 14 days), complete in all respects as per specifications and instructions of MAP Engineer	Cft	22.48		
3	Providing and constructing brick masonry with Class-A bricks (minimum compressive strength 1500 PSI) in cement–sand mortar (1:3), for substructure/foundation walls, straight or curved in plan, at all heights and levels, including scaffolding, finishing, and curing (minimum 14 day), complete in all respects as per specifications and approved by MAP Engineer	cft	185.41		
4	Providing and laying reinforced cement concrete (RCC) work for 6" thick core wall and bottom slab in cement concrete (1:2:4 mix), including formwork, compaction, finishing, and curing (minimum 14 days), but excluding the cost of steel reinforcement, complete in all respects as per structural drawings, specifications, and approved by Project Engineer	Cft	69.88		
5	Providing and Applying Cement Plaster (1 : 3, cement : sand) with water proofing agent sika seal, Dr fixit (1liter per 50kg bag) or as per MAP Engineer instruction on inner side and outer walls of Storage tank, bottom of roof shade and Slab bottom including surface preparation, cleaning, scratch coat, finishing, curing, and all labor and materials, complete in all respects, as per approved specifications, and instructions of MAP Engineer.	Sft	445.75		
6	Providing and applying chips plaster (black stone aggregate granules, clean and free from dust, 1.5" to 2" (Sooter thick) with waterproofing admixture on internal walls and bed of water tank, including surface preparation, mixing, application, curing, and finishing, complete in all respects as per specifications and approved by MAP Engineer	Sft	96		
7	Providing and fixing GI cover (size 2' x 2') fabricated with 2" x 2" x 6 mm angle iron frame and 18-gauge MS sheet, including hinges, handles, locking arrangement, red oxide primer with two coats of enamel paint, and complete fixing in proper manner, complete in all respects as per specifications and approved by MAP Engineer	Job	1		

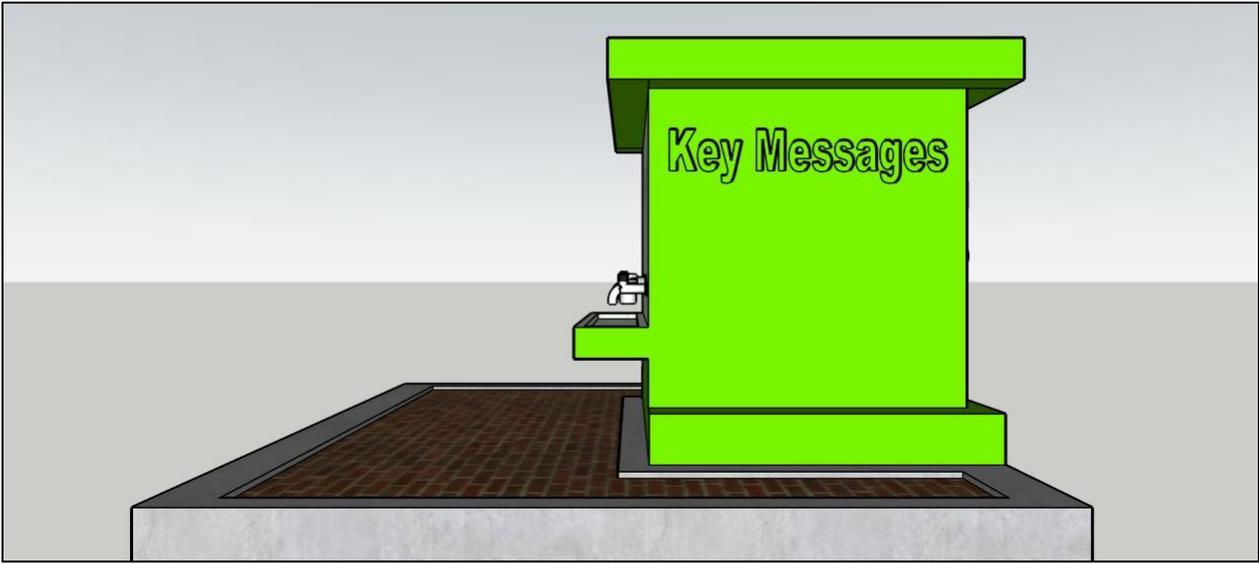
8	Providing and fixing ½" dia deformed steel bars (Grade-60) at 6" c/c spacing, including cutting, bending, jointing, binding, fixing, transportation, and labor, complete in all respects as per structural drawings and instructions of MAP Engineer. Brand: Amreli (or equivalent approved).	Kg	92.88		
9	Providing and fixing ceramic tile (Thickness: 10–12 mm or more, Non-glazed (matte finish) for slip resistance) work in front of tank/water collection area (flooring), using approved quality tiles (Ash white color or as directed by MAP Engineer), including surface preparation, fixing with cement–sand mortar (1:4), proper grouting, finishing, curing, and all related works, complete in all respects as per specifications and approved by MAP Engineer	Sft	45		
10	Applying weather shield paint on all external surfaces of the structure, including 02 coats of weather primer and 03 coats of weather shield paint (approved brands: ICI / Berger / Brighto / Diamond / Master), surface preparation, scaffolding, labor, and all related works, complete in all respects as per specifications and approved by MAP Engineer	Sft	205.50		
11	Providing, fixing, and jointing 2" dia ILL-EL GI pipe for overflow/washout, including fittings, cutting, jointing, and all necessary works, complete in all respects as per specifications and as approved by MAP Engineer	Rft	3		
12	Providing and installation of 4" dia PVC pipe (A-Class, white, good quality – Jaddah, Pak Arab, Master, Adam je or equivalent), for wastewater drain up to 30' length, including cutting, jointing, fixing, and all necessary works, complete in all respects as per specifications and approved by MAP Engineer.	Rft	30		
13	Providing and laying 4.5" thick brick soiling/pavement including proper leveling and compaction; edges 9" wide plastered with cement–sand mortar (1:3); bed well-compacted with mechanical compactor; top grouted and finished to exact level, complete in all respects. Technical notes: All bricks to be of approved quality, free from cracks. Cement–sand mortar (1:4) for edge plastering and grouting. Cement–sand ratio (1:4) for bed having 1.5inch thick. Ensure proper leveling and compaction of base and bed. Grouting to be done neatly with joints filled completely and surface finished flush.	Sft	300		
B	Plumbing work				
14	Providing, laying, cutting, jointing, testing, and disinfecting HDPE pipe (outer dia 32 mm, wall thickness 1.9 mm, PN-10, PE 100/80, black with blue stripes) for lead pipe, including all specials, stainless steel check valves, fittings, connections, jointing material, and all related works, complete in all respects as per specifications and approved by MAP Engineer. Brand: Dadex / Popular / Oxy (or equivalent).	Rft	200		

15	Providing and fixing stainless steel check valve on each joint of lead line pipe, including cutting, threading, jointing, fittings, testing, and all necessary materials, complete in all respects as per specifications and approved by MAP Engineer.	No	1		
16	Providing and installation of stainless steel Jali for proper drainage of wastewater complete in all respects and approved by MAP Engineer.	No	1		
17	Providing and supplying PVC solution/adhesive (strong bond), packed in 500 gm tin, for joining of PVC pipes, complete in all respects as per specifications and approved by MAP Engineer	No	1		
18	Providing & Fixing Stainless Steel Tap for Water Storage Tank: Supplying and installing high-quality stainless steel heavy-duty bib cock (½" or ¾") for water storage tank, including all necessary fittings, nipples, Teflon tape, and proper connection to outlet pipe; complete with testing for leakage, labor, materials, tools, and finishing in all respects as per site requirements and Engineer's instructions.	No	3		
C	Electrical/Solarization Work				
19	Conducting pre- and post-water quality tests through PCRWR (Pakistan Council of Research in Water Resources), covering complete physical, chemical, and biological parameters including: Color, Odor, Taste, Electrical Conductivity, Turbidity, Alkalinity, Bicarbonate, Calcium, Carbonate, Chloride, Hardness, Magnesium, Potassium, Sodium, Sulphate, Nitrate, Fluoride, Iron, Arsenic, TDS, Total Coliforms, and E-Coli; complete in all respects as per specifications	Job	2		
20	Aqua Save Triple Water Filter – 3-Stage Purification: Providing and installing Aqua Save Triple Water Filter system comprising three-stage purification (sediment filter, activated carbon filter, and carbon block/UF cartridge) suitable for connection with water storage tank or supply line; including complete housing unit, mounting bracket, cartridges, necessary GI/PVC connections, valves, fittings, testing and commissioning; complete with labor, material, tools and accessories in all respects as per manufacturer's guidelines and Engineer's instructions.	Set	1		
21	Visibility plate (2' X 2') 18 SWG steel (Engraved Logo Muslim aid & text)	No	1		
22	Soil Backfill: Providing and laying approved excavated or imported soil as backfill in foundations, trenches, and around structures in 6" layers, including watering, proper compaction, leveling, dressing, and disposal of surplus material; complete with labor, material, tools, and equipment in all respects as per Engineer's instructions.	Cft	200		
Total Amount for Construction of Water Storage Tank Including all taxes (PKR)					

Drawing/Design

Water storage tank 2D, 3D & Structural design:





4. Summary of Cost of WASH facilities in GBHS-Manoon Malhi, District Umerkot

S #	Description	Total Amount
4.1	Construction of the Toilet Block	
4.2	Construction of a Single Toilet for PWDs	
4.3	Rehabilitation of existing Water facilities	
Total Amount in PKR		

4.1- Construction of the Toilet Block

GBHS-Manoon Malhi District Umerkot

BILL OF QUANTITIES

S #	Item Description	Unit	Qty	Unit Rate (PKR)	Amount (PKR)
1	Excavation in foundation of latrine, Septic tank, Soakage pit, other structures, including all kinds of soil, (ordinary and heard rock, refilling around structure with excavated earth)	Cft	275.13		
2	Providing and Laying brick blast / brick soling in foundation, using well-burnt, hard broken bricks, laid flat, properly packed and compacted, including watering, ramming, and leveling, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer	Cft	62.48		
3	Plain Cement Concrete (PCC) in ratio 1: 4: 8 (cement: sand: coarse aggregate), including screening and washing of aggregates, mixing, placing, compacting, leveling, and finishing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	37.53		
4	Plain Cement Concrete (PCC) in ratio 1: 2: 4 (cement: sand: coarse aggregate), including screening and washing of stone aggregate, mixing, placing, compacting, leveling, finishing, and curing, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	43.33		
5	Pacca brick masonry works in latrine walls, septic tank, and soakage pit, using well-burnt first-class bricks, laid in cement-sand mortar ratio 1: 4, including cutting, bonding, raking of joints, curing, and all related labor and materials, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Cft	551.79		
6	Providing and Laying Reinforced Cement Concrete (RCC), Type-C (nominal mix 1 : 2 : 4) using approved quality cement, clean coarse sand, and crushed stone aggregate, including mixing, placing, compacting (mechanical or manual), Shuttering, finishing, and curing, complete in all respects.	Cft	77.53		

7	Fabrication and fixing of deformed steel reinforcement 60 grade of Dia 12mm for cement concrete, including cutting, bending, straightening, cleaning/removal of rust, placing in position, making laps and joints, tying and fastening with binding wire, complete with all labor, tools, and accessories, complete in all respects, as per approved drawing, specifications, and instructions of MAP Engineer.	Kg	96.87		
8	Providing and Applying Cement Plaster (1 : 4, cement : sand) on inner and outer walls of latrine structures, bottom of roof shade, parapet walls, and septic tanks, including surface preparation, cleaning, scratch coat, finishing, curing, and all labor and materials, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Sft	987.75		
9	Providing and Fixing (P/F) Iron Door, size 2'-6" × 6', fabricated with: Frame: 1-1/4" × 3/16" angle iron Door panel: 16 SWG iron sheet, reinforced with crossed-shaped 18 gauge iron Patti on doors to reduce flexibility of door. Hinges: 6 hinges of 6", 3 in each side of door One coat red oxide and 2 coat of green oil paint Locking / fastenings: As per site requirements and approved by Engineer	Nos.	3		
10	Providing and Fixing PCC Ventilator, size 1'-6" × 1'-6", including: Frame: 3/4" angle iron Filling: Plastic mesh to prevent insects Casting: Plain Cement Concrete (PCC) as per specifications Finishing: Smooth and even, complete in all respects All work shall be aligned, fixed, and approved by MAP Engineer, including all labor, materials, and accessories necessary for complete installation.	Nos.	2		
11	<u>Matt Finish and Wall Putty:</u> The work involves applying vinyl emulsion distemper for interior surfaces, consisting of three coats (1 primer coat and 2 vinyl emulsion distemper) to ensure a smooth and uniform finish. The process includes surface preparation with proper filling and surfacing to achieve the desired quality. Only high-quality brands such as Master, ICI Diamond, Brighto, Burger, or equivalent, as approved by the engineer, will be used. All work will adhere to the specified standards, ensuring a durable and aesthetically pleasing finish.	Sft	405.00		
12	<u>Weather Shield External:</u> The work entails applying weather-resistant paint for exterior surfaces, consisting of three coats (1 coat weather primer and 2 coat Weather shield) to ensure a durable and aesthetically pleasing finish. The process includes thorough surface preparation with proper filling and surfacing to achieve the desired quality and longevity. Only high-quality products such as Master, ICI Diamond, Brighto, Burger, or equivalent, as approved by the engineer, will be used.	Sft	509.75		

	All work will comply with the specified standards, ensuring a finish that withstands environmental conditions and maintains its appearance over time.				
13	Paint for Doors Oil paint for steelwork (02 door both side) work surface with 3 coats including filling & surfacing, approved by the engineer. (ICI, Dimond, Brighto, or equivalent)	Sft	60.00		
14	Providing and Fixing (P/F) horizontal cylindrical plastic water storage tank of 750 liters capacity, 3-layer of approved make such as Master, Sonex, Dura or equivalent, including all fittings, inlet, outlet, overflow, washout, tight-fitting cover, and proper installation on RCC / concrete platform/base, complete in all respects as per instructions of MAP Engineer.	Nos.	1		
15	Tile Work (Shabbir Tiles & Ceramics (STILE), Master Tiles, Sonex Tiles, National Tiles or as pe MAP Engineer instructions.) Floor Tiles Type: Anti-slip ceramic / vitrified / porcelain tiles Slip Resistance: Minimum R10–R12 (wet area rating) Size: 12" × 12", 16" × 16", or small tiles 6" × 6" for wet areas to reduce slipping Finish: Matte or textured finish (avoid glossy tiles) Installation: Level joints, properly grouted; slopes toward drain in wet areas	Sft	76.00		
16	Providing and fixing a best quality 5 mm thick mirror, size 22" × 16" and soap holder including proper aluminum / PVC frame or clips as required, secure fixing on the wall, complete with all labor, adhesives, and accessories, finished neat and level, and approved by MAP Engineer, complete in all respects.	Nos	2		
17	Providing and laying 4.5" thick brick soiling/pavement including proper leveling and compaction; edges 9" wide plastered with cement–sand mortar (1:4); bed well-compacted with mechanical compactor; top grouted and finished to exact level, complete in all respects. Technical notes: All bricks to be of approved quality, free from cracks. Cement–sand mortar (1:4) for edge plastering and grouting. Ensure proper leveling and compaction of base and bed. Grouting to be done neatly with joints filled completely and surface finished flush.	Sft	400		
18	Providing complete painting work at school handwashing station including surface preparation, 1 coat primer and 2 coats washable/weather-resistant emulsion paint up to 4 ft height with backsplash, along with hygiene awareness sketches and approved organization logo painting, complete in all respects as per Engineer's instructions.	Job	1		

Repairing work of existing structure					
19	<p>Repairing of Wooden Doors & Installation of Proper Locking System: Repairing existing wooden door (2'6"x6') including rectification of shutter and frame, replacement of damaged/termite-affected portions, proper alignment, and providing & fixing complete locking system comprising approved mortise/cylindrical lock with keys, hinges, handles, tower bolts, stopper, and all accessories; including sanding, minor finishing, labor, material, tools, and complete in all respects as per Engineer's instructions.</p>	No	2		
20	<p>Plaster Work of Existing Toilets: Providing and applying cement sand plaster (1:4) to walls/ceilings of existing toilets after surface preparation, including removal of loose plaster, cleaning, proper bonding, filling of cracks, leveling, finishing smooth surface, curing, scaffolding, labor, material, tools and complete in all respects as per site requirements and Engineer's instructions.</p>	Sft	100		
21	<p>Color / Paint Work: Providing and applying approved quality paint on walls/ceilings including surface preparation, scraping of loose paint, filling of cracks with putty, sanding, primer coat, and minimum two coats of emulsion/enamel paint of approved shade; including labor, material, tools, scaffolding and complete in all respects as per site conditions and Engineer's instructions.</p>	Sft	189		
22	<p>Paint Work on 2 Wooden Doors: Providing and applying approved quality enamel paint on two existing wooden doors including surface preparation, scraping and sanding, filling with wood filler where required, one coat of wood primer, and minimum two coats of enamel paint of approved shade; including labor, material, tools, and complete in all respects as per Engineer's instructions.</p>	Job	1		
Plumbing & Sanatory					
23	<p>Providing, Laying and Fixing (P/L & F) of 25mm diameter PPR pipe, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	100		
24	<p>Providing and Fixing (P/F) steel bibcock, heavy-duty, corrosion-resistant, approved make, including all necessary fittings and connections, complete in all respects, as per instructions of MAP Engineer.</p>	Nos.	6		

25	<p>Providing and Fixing (P/F) glazed earthenware Indian type water closet (WC), squatting type, complete with integrated foot rests, white color, including 4-inch glazed P-trap, of approved make (Master or equivalent), suitable for use with Muslim shower. The item includes:</p> <p>One medium-size Indian WC pan Flush tank, white color, best quality All necessary fittings, connections, and accessories Pipe fitting till septic tank Proper fixing, alignment, and testing Complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer</p>	Nos.	1		
26	<p>Providing and Fixing (P/F) glazed earthenware English-type water closet (commode), floor-mounted, white color, complete with 4-inch glazed P-trap, of approved make (Master, Porta or equivalent), suitable for persons with disabilities (PWDs), including Muslim shower. The item includes: One premium bathroom ceramics English-type commode Flush tank, white color, best quality All required fittings, fixtures, connections, and accessories Proper fixing, alignment, and testing Pipe fitting till septic tank Complete in all respects as per approved specifications, and instructions of MAP Engineer</p>	Nos.	1		
27	<p>Providing and fixing a glazed earthenware wash hand basin (white) with pedestal, size 22" (width) × 16" (depth), installed at a height of 32"–34" from finished floor level with clear knee space of 28" width × 24" depth for wheelchair access, suitable for persons with disabilities (PWDs). The basin shall include a CP swan-neck single-way tap (½" dia), ½" CP tee stopcock, ½" plastic/rubber connection with check nuts, 1¼" CP waste coupling, and CP bottle trap with 1¼" waste pipe, complete with all necessary fittings, fixtures, labor, and accessories. The installation shall be properly aligned, fixed, and approved by MAP Engineer, complete in all respects.</p>	Nos	2		
28	<p>Providing and Fixing (P/F) stainless steel floor waste / floor Jali, heavy-duty, approved make, including frame, grating, proper outlet connection, and all accessories, complete in all respects, as per approved drawings and instructions of MAP Engineer</p>	Nos	3		
29	<p>Providing and Laying (P&L) 4" uPVC pipe line for drainage, including cutting, jointing, testing, disinfection, complete with heads, sockets, elbows, bends, tees, and all required accessories, of BSS Class 'C', 4-inch internal diameter (i/d), complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.</p>	Rft	50		
30	<p>Providing and Laying (P&L) 2" uPVC pipeline for vent, including cutting, jointing, testing, and disinfection, complete with heads, sockets, elbows, bends, tees, and all required accessories, of BSS Class 'C', 3-inch internal diameter (i/d), complete in all respects, as per</p>	Rft	20		

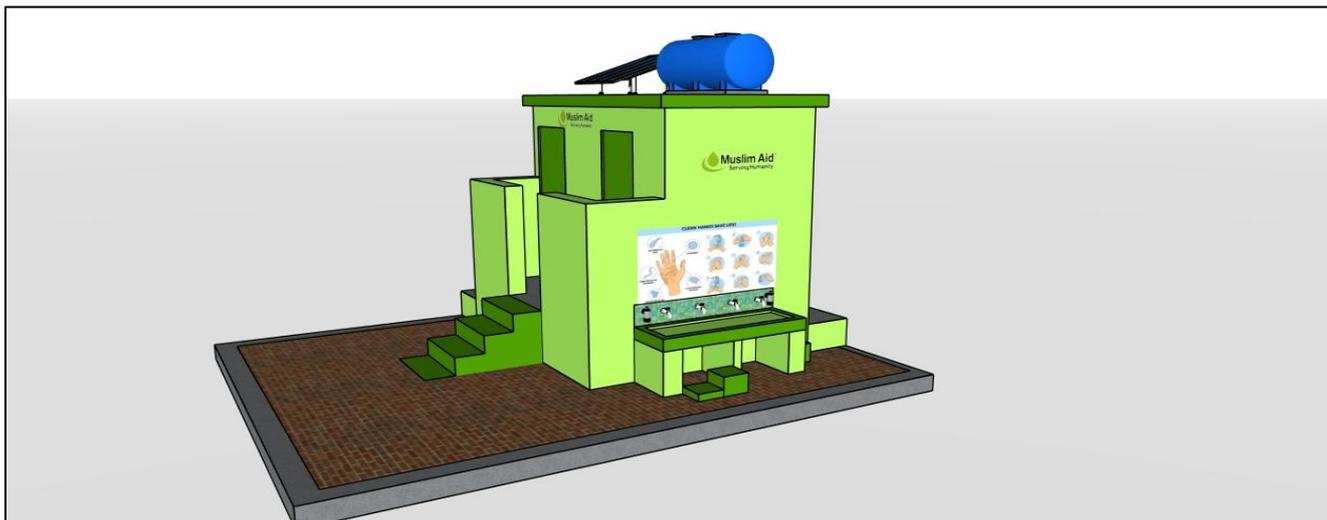
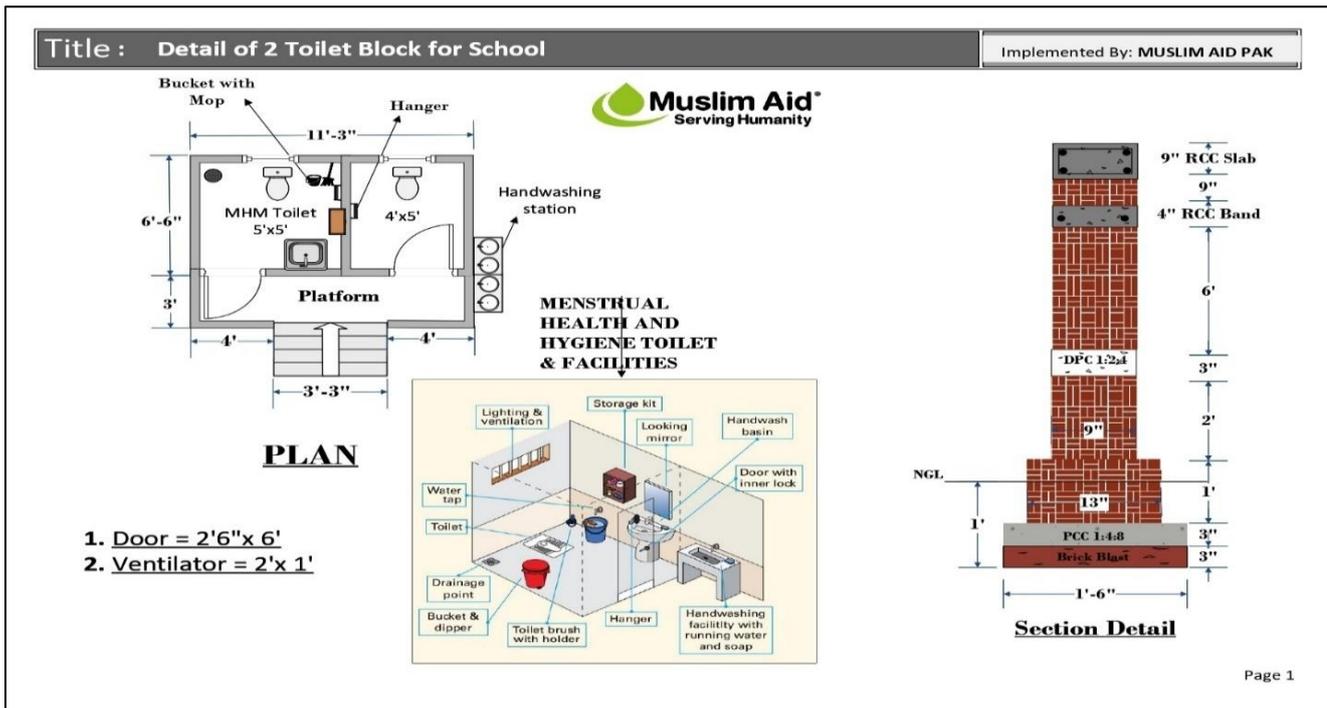
	approved drawings, specifications, and instructions of MAP Engineer.				
31	Providing, laying, cutting, jointing, testing, and disinfecting HDPE pipe (outer dia 32 mm, wall thickness 1.9 mm, PN-10, PE 100/80, black with blue stripes) for lead pipe, including all specials, stainless steel check valves, fittings, connections, jointing material, and all related works, complete in all respects as per specifications and approved by MAP Engineer. Brand: Dadex / Popular / Oxy (or equivalent).	Rft	200		
32	Providing, Laying and Fixing (P/L & F) of 50mm diameter PPR pipe PN-16, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	150		
33	Steel Muslim Shower combined with double bibcock of approved color and make including all fittings for complete installation	Nos	1.00		
ELECTRICAL WORK					
34	Providing and Laying Concealed Wiring for light and exhaust fan, using 3-core / 1.5 mm ² PVC insulated copper conductor cable, in conduit (PVC / suitable type), complete with all accessories, junction boxes, switch boxes, and terminations, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	100		
35	Providing and Laying PVC Conduit Pipe, 3/4" diameter, including all bends, junctions, clamps, supports, and accessories, suitable for concealed or surface wiring, complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	100		
36	Switch Board 2*(3 Gang Vertical switches) and 1*(1 Gang Vertical switch) by Schnieder electric, TJ or equivalent as per MAP Engineer instructions Complete with all accessories	Nos	2		
37	Supply and Erection of Best Quality Exhaust Fan, 12" sweep, (GFC, Royal, SK fans) Exhaust Plastic Fan, complete with shutter, mounting accessories, electrical connections, and testing & commissioning, as per approved drawings, specifications, and instructions of MAP Engineer.	Nos	2		
38	Supply and fixing of 20-Watt LED tube light (Cool white color) or energy saver with holder, good quality, approved make, including all necessary holders, connections, and mounting accessories, complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer.	Nos	3		

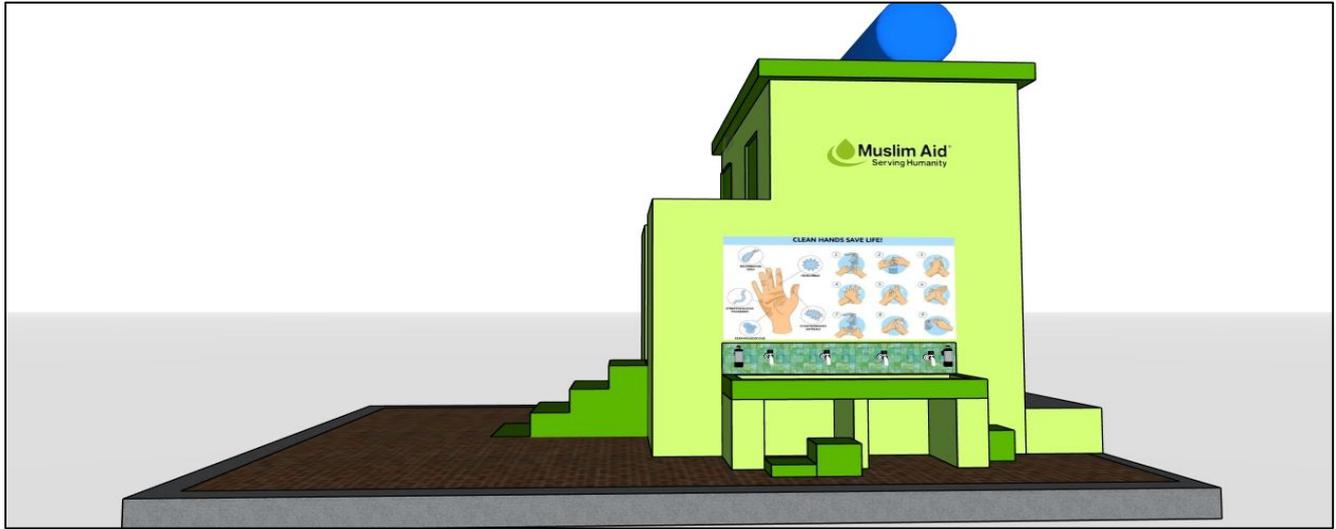
39	Providing, supplying, installation, testing and commissioning of a complete set of Donkey Pump (suction pump), Brand Rehber, Jawed or equivalent 1-1/4" x 1-1/4" inch suction, inlet and outlet, consisting of solar-operated 12V DC motor (brands: Nissan Corolla, Shezad, Jawed) 48V bushless type, including delivery pipe, power cable, electrical cable hook, power controller, bore cover, starter board with DC wiring, and all necessary accessories. The system shall be installed and commissioned as per site conditions, complete in all respects, as per specifications and with the approval of the MAP Engineer.	Nos	1		
40	Providing and installing one solar panel as per instruction by MAP Engineer. Specifications: 580W-585W N-Type Bifacial capacity, Quantity: 1, manufactured with mono-crystalline silicon Grade-A cells (German technology), clear anodized aluminum frame, and anti-reflection tempered glass (bifacial, both sides). Panel shall be approved by the MAP Engineer.	Nos	1		
41	Providing, fabricating, and installation of solar panel mounting structure (stand) made with 16 SWG angle iron, designed for 01 solar panels of 580W-585W capacity, with one side raised minimum 3 ft from ground level, including cutting, welding, painting, and fixing of legs in PCC (1:2:4), complete in all respects as per specifications and approved by MAP Engineer	Nos	1		
42	Providing and installation of DC breaker with regulator (Controller Charger), including supply and laying of DC cable 6 mm(=AWG9-8) in Copper with all jointing, cutting, fixing, and termination works, complete in all respects as per specifications and approved by MAP Engineer.	Job	1		
43	Supply and installation of 100 Ah, 12 Volt Wet battery (brand: Daewoo / Osaka / AGS/ Phoenix or equivalent), suitable for solar backup system, including battery stand, complete connections, fixing, and commissioning, with minimum 6-month warranty, complete in all respects as per specifications and approved by MAP Engineer.	Nos	1		
44	Visibility plate good quality steel (2 Logo Muslim aid & text the size of steel plate 2.5'x3'with writing)	Nos.	1		
45	Soil Backfill: Providing and laying approved excavated or imported soil as backfill in foundations, trenches, and around structures in 6" layers, including watering, proper compaction at every 6", leveling, dressing, and disposal of surplus material; complete with labor, material, tools, and equipment in all respects as per Engineer's instructions.	Cft	2000		

Dignity kit					
46	Supply of Disposable Sanitary Pads "Always, Butterfly or Trust" Disposable sanitary pads, 230–280 mm length, with wings, soft breathable top sheet, high-absorption core, individually wrapped, 25-30 pads per pack, as per approved sample.	Pack	3		
47	Supply of Cotton Underwear (Girls) 100% cotton, full coverage brief style Sizes S/M/L mix Double-stitched, soft elastic waistband Individually packed non-transparent colors Complete in all respects as per approved sample	Each	15		
48	Supply of Bath Soap (100g) "Safeguard or Dettol" High-quality solid bathing soap, minimum 100g per bar, mild fragrance, skin-friendly, individually factory packed, minimum 12 months shelf life, complete in all respects as per approved sample.	Each	5		
49	Supply of Laundry Soap / Detergent Bar (200g) "Surf Excel, Bonus or Express Power" High-quality solid laundry soap suitable for hand washing, minimum weight 200g per bar, non-irritant, good leather, moisture-resistant packaging, complete in all respects as per approved sample.	Each	5		
50	Supply of Cotton Hand Towel (30×60 cm) Made of 100% cotton terry fabric, minimum 350 GSM, soft, high absorbency, double stitched edges, washable, colorfast, complete in all respects as per approved sample.	Nos	3		
51	Wall-mounted storage box for MHM school girls' toilets: Made of virgin PP/HDPE, fully waterproof, rust-proof, heat-resistant, and non-toxic, with smooth edges, snap-on or hinged lid, optional dividers, Size: 18×12×8 in, wall-mounted 35–43 in from floor, holds 3–5 kg, easy to clean, complete as per approved sample by MAP engineer	Job	1		
52	Cloth Hanger for MHM School Girls' Toilets: Wall-mounted hanger made of rust-proof stainless steel or durable plastic, capable of holding towels, cloths, or reusable pads, with smooth, rounded edges for safety. Size approximately 12–16 inches in width, securely fixed with rust-proof screws/anchors at 36–48 inches from floor, easy to clean and maintain, complete as per approved sample.	Each	2		
Total Amount for Construction of Toilet Blocks including all taxes (PKR)					

Drawing & Design

Toilet 2D Plan, Structure details & 3D design:





4.2- Construction of a single toilet for PWD

GBHS-Manoon Malhi, District Umer Kot

BILL OF QUANTITIES -BoQ

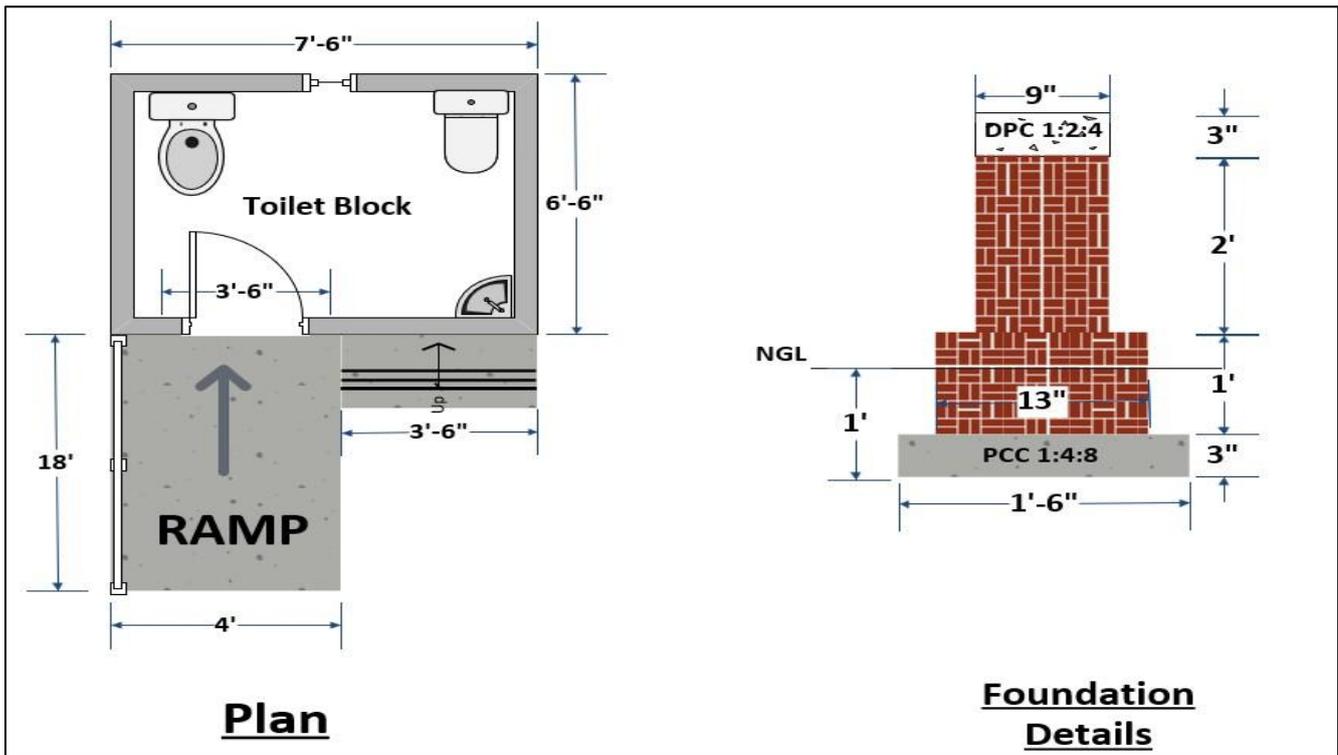
S #	Item Description	Unit	Qty	Unit Rate (PKR)	Amount (PKR)
1	Excavation in the foundation of the latrine, Septic tank, Soakage pit, other structures, including all kinds of soil, (ordinary and heard rock, refilling around structure with excavated earth)	Cft	227		
2	Plain Cement concrete (PCC) including placing, compacting, finishing and complete (including screening and washing aggregate) Ratio 1: 4: 8	Cft	29.47		
3	Pacca Brick works in latrine, walls septic tank, soakage pit; with cement, sand mortar: - Ratio 1:4	Cft	295.40		
4	Plain Cement concrete (PCC)including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) Ratio 1: 2: 4	Cft	12.19		
5	Providing and laying reinforced cement concrete (RCC) (including prestressed concrete), using coarse sand etc.) Reinforced cement concrete in roof slab, latrine, septic tank 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. Type C (nominal mix 1: 2: 4)	Cft	16.09		
6	Cement plaster 1:4 in latrine structure inner & Outer wall bottom of roof shade parapet wall, septic tank .1/2" thick	Sft	565.75		
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 labor charges for binding of steel reinforcement (also includes removal of rust from bars)	Kg	86		
8	<u>Matt Finish and Wall Putty:</u> The work involves applying vinyl emulsion distemper for interior surfaces, consisting of three coats to ensure a smooth and uniform finish. The process includes surface preparation with proper filling and surfacing to achieve the desired quality. Only high-quality brands such as ICI Diamond, Brighto, or equivalent, as approved by the engineer, will be used. All work will adhere to the specified standards, ensuring a durable and aesthetically pleasing finish.	Sft	195		
9	<u>Weather Shield External:</u> The work entails applying weather-resistant paint for exterior surfaces, consisting of three coats to ensure a durable and aesthetically pleasing finish. The process includes thorough surface preparation with proper filling and surfacing to achieve the desired quality and longevity. Only high-quality products such as ICI Diamond, Brighto, or equivalent, as approved by the engineer, will be used. All work will	Sft	280		

	comply with the specified standards, ensuring a finish that withstands environmental conditions and maintains its appearance over time.				
10	Paint for Doors Oil paint for steelwork (01 door, both side) work surface with 3 coats including filling & surfacing, approved by the engineer. (ICI Dimond, Brighto, or equaling)	Sft	36		
11	P/F 3'-6"x6' iron door with fixing 1-1/4"x3/16" angle iron and using of Press 18SWG iron sheet & and L pipe small 18 gauge with 2 daraz 1 inner & 1outer. 6" 6Hings complete in all respects. 2 coat final painting as using in latrine construction. Approved by the Engineer.	Nos,	1		
12	PCC Ventilator (1.5 'x1.5') welding with 3/4 inches angle iron frame and plastic mesh to prevent insects with paint. Approved by the Engineer.	Nos,	1		
13	Aluminum Handrail for Disabled persons (Ramp) So that they may use it for their easy access. horizontal Pipe sides,3.5 feet 18'+ 18' (36') Rft , pipe dia (2")50mm both, distance 8 inch and height 3' Complete in all aspects as decided by Engineer in charge at site. As specified by Engineer Recommended ramp slope: 1:12 (1 inch rise for every 12 inches length)	Job	1		
14	water tank 700 liters: Providing laying and connecting a pipeline water tank 700 liter, Three Ply (Dura) or Master approved by field engineer.	Nos,	1		
15	Provide and Fixing stainless Steel grab bars having size of 2-3ft in length and 1.5" dia GI pipe with good quality and 2" away from wall (Fixed and Moving)	Nos	2		
PLUMBING WORK					
16	Providing, Laying and Fixing (P/L & F) of 25mm diameter PPR pipe, including all required fittings and accessories such as Solutions & Adhesives for jointing, elbows, tees, sockets, clamps, joints, and supports, complete in all respects, as per approved drawings, specifications, and instructions of MAP Engineer.	Rft	70		
17	Providing and Fixing (P/F) steel bibcock, heavy-duty, corrosion-resistant, approved make, including all necessary fittings and connections, complete in all respects, as per instructions of MAP Engineer.	Nos,	2		
18	Providing and Fixing (P/F) glazed earthenware Indian type water closet (WC) with lota, squatting type, complete with integrated foot rests, white color, including 4-inch glazed P-trap, of approved make (Master or equivalent), suitable for use with Muslim shower. The item includes: One medium-size Indian WC pan Flush tank, white color, best quality All necessary fittings, connections, and accessories Proper fixing, alignment, and testing	Nos,	1		

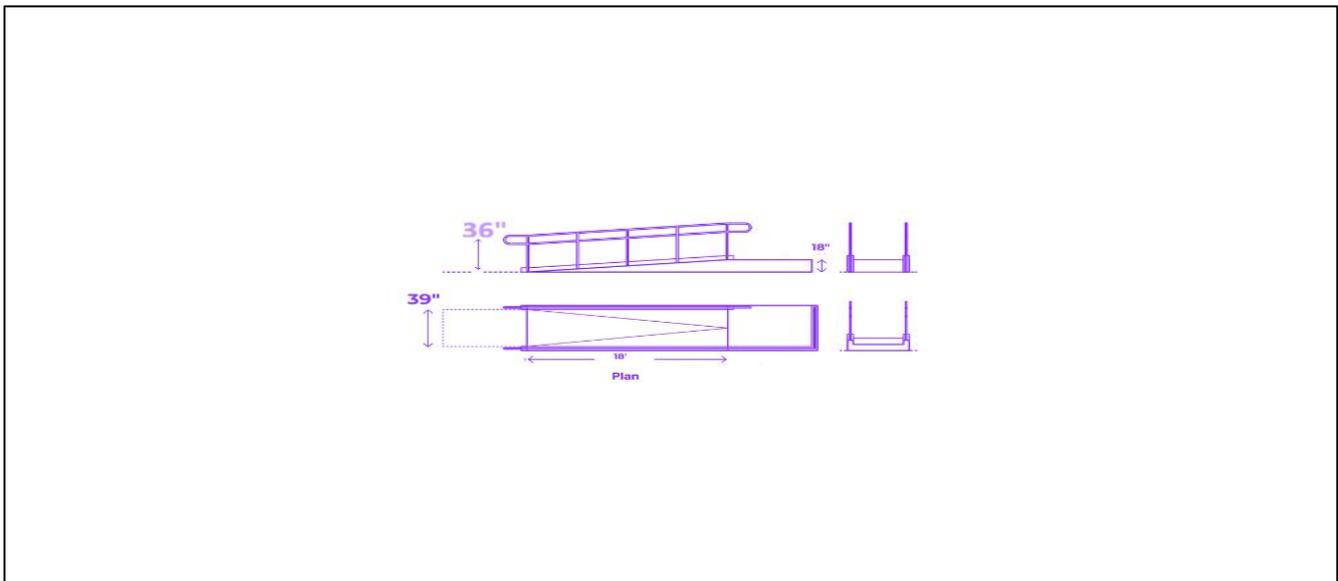
	Complete in all respects as per approved drawings, specifications, and instructions of MAP Engineer				
19	Providing and Fixing glazed Earthen ware Wash hand basin (White) with pedestal complete of size 22"x16", including CP swan neck Single way cock 1/2" dia ,1/2" CP tee stop-cock, 1/2" plastic rubber connection including check nuts, 1.25" CP waste coupling and CP bottle trough with waste pipe 1.25" dia etc., complete in all respect.	Nos	1		
20	Steel Muslim Shower combined with double bibcock of approved color and make including all fittings for complete installation	Nos	1		
21	Floor Waste /floor Jali steel, good quality	Nos,	1		
22	P&L, cut, joint, test, Head, Socket, elbow disinfect U PVC pipeline BSS Class 'C' working pressure : 4" i/d With accessories Complete	Rft	30		
ELECTRIFICATION					-
23	Concealed Wiring of light/exhaust fan/bell point in 3/.29 PVC insulated	Rft	50		
24	PVC Pipe conduits 3/4" Dia	Rft	50		
25	Switch Board (3" * 6") Complete with all accessories	Nos	1		
26	Supply and Erection best quality exhaust fan complete with shutter & regulator: 12"sweep	Nos	1		
27	S & F of holders/Angle holder	Nos	2		
28	S/F of Energy Savers 18Watts	Nos	2		
29	Visibility plate, good quality steel (2 Logo Muslim aid & text the size of the steel plate 2.5'x3'with writing)	Nos,	1		
Total Amount for the Construction of a Single Toilet for PWDs, including all taxes					

Drawing & Design

Toilet 2D Plan, Structure details & 3D design:



Ramp Railing Design:



4.3- Rehabilitation of existing water facilities

GBHS-Manoon Malhi, District Umer Kot

BILL OF QUANTITIES (BoQ)

S #	Item Description	Unit	Qty	Unit Rate (PKR)	Amount (PKR)
1	Providing and fixing GI cover (size 2' × 2') fabricated with 2" × 2" × 6 mm angle iron frame and 18-gauge MS sheet, including hinges, handles, locking arrangement, red oxide primer with two coats of enamel paint, and complete fixing in proper manner, complete in all respects as per specifications and approved by MAP Engineer	No	1		
2	Providing complete painting work at the water storage tank including surface preparation, 1 coat primer and 2 coats washable/weather-resistant emulsion paint up to 4 ft height with backsplash, along with hygiene awareness sketches and approved organization logo painting, complete in all respects as per Engineer's instructions.	Job	1		
3	Aqua Save Triple Water Filter – 3-Stage Purification: Providing and installing Aqua Save Triple Water Filter system comprising three-stage purification (sediment filter, activated carbon filter, and carbon block/UF cartridge) suitable for connection with water storage tank or supply line; including complete housing unit, mounting bracket, cartridges, necessary GI/PVC connections, valves, fittings, testing and commissioning; complete with labor, material, tools and accessories in all respects as per manufacturer's guidelines and Engineer's instructions.	set	1		
4	Visibility plate good quality steel (2 Logo Muslim aid & text the size of steel plate 2'x2'with writing)	Nos.	1		
Repairing work of existing structure					
5	Plaster Work of Existing Water Storage Tank: Providing and applying cement sand plaster (1:4) to walls/ceilings of existing toilets after surface preparation, including removal of loose plaster, cleaning, proper bonding, filling of cracks, leveling, finishing smooth surface, curing, scaffolding, labor, material, tools and complete in all respects as per site requirements and Engineer's instructions.	Sft	205.75		
6	Chips Plaster for Water Storage Tank: Providing and applying cement–sand plaster (1:3) with marble chips finish to internal/external surfaces of water storage tank including proper surface preparation, hacking and cleaning of base, mixing approved quality marble chips in finishing layer, smooth leveling, curing, scaffolding, labor, material, tools and complete in all respects as per site requirements and Engineer's instructions.	Sft	140		

7	Color / Paint Work: Providing and applying approved quality paint on walls/ceilings including surface preparation, scraping of loose paint, filling of cracks with putty, sanding, primer coat, and minimum two coats of emulsion/enamel paint of approved shade; including labor, material, tools, scaffolding and complete in all respects as per site conditions and Engineer's instructions.	Sft	88		
8	Tile Work: Providing and fixing approved quality ceramic/porcelain tiles of specified size on floors/walls over prepared surface including cement-sand mortar bed (1:4) or tile adhesive, proper alignment and leveling, cutting where required, filling joints with matching grout, curing, cleaning, labor, material, tools and complete in all respects as per drawings and Engineer's instructions	Sft	30		
9	Conducting pre- and post-water quality tests through PCRWR (Pakistan Council of Research in Water Resources), covering complete physical, chemical, and biological parameters including: Color, Odor, Taste, Electrical Conductivity, Turbidity, Alkalinity, Bicarbonate, Calcium, Carbonate, Chloride, Hardness, Magnesium, Potassium, Sodium, Sulphate, Nitrate, Fluoride, Iron, Arsenic, TDS, Total Coliforms, and E-Coli; complete in all respects as per specifications	JOB	2		
Total Amount for rehabilitation of water facilities, including all taxes (PKR)					

Total amount for all 04 Schools, including all applicable taxes: _____

Contractor's Signatures & Seal _____

QUANTITY / ANY OTHER DISCOUNTS (PLEASE SPECIFY):

THE PROPOSED DISCOUNTS WILL BECOME AN INTEGRAL PART OF YOUR BID SUBMISSION

PAYMENT TERMS: ACCEPTANCE OF PAYMENT TERMS (I.E.,30 WORKING DAYS NET FROM RECEIPT OF DOCUMENTS)

YES NO

BIDDERS NAME AND SIGNATURE: _____

ANNEXURE-B

(General Terms and Conditions for Services for Construction/Rehabilitation of WASH Facilities in 04 Schools of District Umerkot. Sindh

ACCEPTANCE OF THE PURCHASE ORDER

This Purchase Order may only be accepted by the supplier/Contractor signing and returning an acknowledgment copy of it or by timely delivery of the **Construction/Rehabilitation of WASH Facilities in 04 Schools of District Umerkot. Sindh** in accordance with the terms of the Purchase Order/Contract as herein specified. Acceptance of this Purchase Order shall affect a contract between the Parties under which the rights and Obligations of the parties shall be governed solely by the terms and conditions of the purchase order including these General Conditions. No additional or inconsistent provision proposed by the supplier /Contractor shall bind **Muslim Aid (MAP)** unless agreed to in writing by a duly authorized **Muslim Aid (MAP)** official.

1. LEGAL STATUS

The supplier / Contractor shall be considered as having the legal status of an independent contractor vis-à-vis **Muslim Aid (MAP)**. The Supplier / Contractor, its personnel, and sub-contractors shall not be considered in any respect as being the employees of **Muslim Aid (MAP)**. The supplier / Contractor shall be fully responsible for all work and services performed by its employees and for all acts and omissions of such employees.

2. SOURCE OF INSTRUCTION

The supplier / Contractor shall neither seek nor accept instructions from any authority external to **Muslim Aid (MAP)** in connection with the performance under this contract. The Supplier / Contractor shall refrain from any action that may adversely affect **Muslim Aid (MAP)** and shall fulfill its commitments with the fullest regard to the interests of **Muslim Aid (MAP)**.

3. ANTI-PERSONNEL MINES

The supplier / Contractor guarantees that it is not engaged in the sale or manufacture, either directly or indirectly, of anti-personnel mines or any components produced primarily for the operation thereof. Any breach of this representation and warranty shall entitle Muslim Aid (MAP) to terminate this Purchase Order immediately upon notice to the supplier / Contractor, at no cost to Muslim Aid (MAP).

4. CHILD LABOUR

The supplier / Contractor represents and warrants that neither it, nor any of its suppliers, is engaged in any practice inconsistent with the rights outlined in the Convention on the Rights of the Child, including Article 32 thereof, which, *inter alia*, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health and physical, mental, spiritual, moral or social development. Any breach of this representation and warranty shall entitle **Muslim Aid (MAP)** to terminate this Purchase Order immediately upon to the supplier, at no cost to **Muslim Aid (MAP)**.

5. SUB-CONTRACTING

In the event the Supplier / Contractor require the services of a sub-contractor, the supplier / Contractor shall obtain the prior written approval of **Muslim Aid (MAP)** for all sub-contractors. The supplier / Contractor shall be fully responsible for all work and services performed by its sub-contractors and suppliers and for all acts and/or omissions of such sub-contractors and supplier and their personnel. The approval of **Muslim Aid (MAP)** of a sub-contractor shall not relieve the Supplier / Contractor of any of its obligations under this Purchase Order. The terms of any sub-contract shall be subject to and conform to the provision of this Order.

6. ASSIGNMENTS

The supplier / Contractor shall not assign, transfer, pledge, or make other disposition of this Order or any part thereof or of any of the supplier's / Contractor rights, claims, or obligations under this Order except with the prior written consent of **Initiative of Change (MAP)**.

7. OFFICIALS NOT TO BENEFIT

The supplier / Contractor represents and warrants that no official of Muslim Aid (MAP) has been, or shall be, offered by the Supplier / Contractor any direct or indirect benefit arising from this order or the award thereof. The supplier / Contractor agree that a breach of this provision is breach of an essential term of this Order.

8. ENCUMBRANCES/LIENS

The supplier / Contractor shall not cause or permit any lien, attachment or other encumbrance by any person or entity to be placed or to remain in any public office or with Muslim Aid (MAP) against any monies due or to become due for any work done or materials furnished under this contract, or by reason of any other claim or demand against the Supplier / Contractor.

9. EXPORT LICENCE

The order is subject to the obtaining of any export license or other government authorization that may be required. It shall be the responsibility of the Supplier / Contractor to obtain such license or authorization. Should the supplier / Contractor encounter difficulties in obtaining the required export license or governmental authorization, it shall immediately bring this to the attention of Muslim Aid (MAP). Muslim Aid (MAP) will, at its discretion, use its best endeavors to assist.

10. WARRANTY

The supplier / Contractor warrants the material, construction, including finishing under this Order conform to the specification of the Order and is free from damage and defects in workmanship or materials. This warranty is without prejudice to any further guarantees that the Supplier / Contractor provides to purchasers. Such guarantees shall apply to the construction subject to this Order.

11. REJECTION

Under the Order, Muslim Aid (MAP) shall have the right to reject the material or any part thereof if they do not conform to specifications.

12. INSPECTION

Muslim Aid (MAP) or its duly accredited representative shall have the right to inspect the material / Construction work ordered for under this Order at Supplier's stores, during manufacture, in the port or places of shipment, and the Supplier shall provide all facilities for such inspection.

13. OVERRIDING CLAUSE

In the event of any conflict or inconsistencies between these General Terms and Conditions for construction or any other document which forms part of the purchase these conditions shall prevail except where they have been amended (by specific reference to the relevant clause and paragraph of these Conditions) as provided for herein.

14. FORCE MAJEURE: OTHER CHANGES IN CONDITIONS

In the event of as soon as possible after the occurrence of any cause constituting force majeure, the Supplier shall give notice and full particulars in writing to Muslim Aid (MAP) of such occurrence or change if the Supplier / Contractor is hereby rendered unable.

Wholly or in part, to perform its obligations and meet its responsibilities under this Order. The Supplier / Contractor shall also notify Muslim Aid (MAP) of any other changes in conditions or the occurrence of any even which interferes or threatens to interfere with its performance of this purchase Order. On receipt of the notice required under this Article, Muslim Aid (MAP) shall take such action as, in its sole discretion; it considers to be appropriate or necessary in the circumstances, including the granting to the Supplier of a reasonable extension of time in which to perform its obligations under this Purchase Order.

If the Supplier / Contractor is rendered permanently unable, wholly or in part, by reason of force majeure to perform its obligations and meet its responsibilities under this Order, **Muslim Aid Pakistan (MAP)** shall have the right to suspend or terminate this Purchase Order on the same terms and conditions as are provided for in Article 18, "Termination", except that the period of notice shall be seven (7) days instead of thirty (30) days.

Force majeure as used in this provision means acts of God, war (whether declared or not), invasion, revolution, insurrection, or other acts of similar nature or force.

Notwithstanding anything to the contrary in this Order, the Supplier / Contractor recognizes that the work and services will be performed under harsh or hostile conditions caused by civil unrest. Consequently, delays or failure to perform caused by events arising out of or in connection with, such civil unrest shall not, in and to itself, constitute force majeure under this Order.

15. DISPUTES – ARBITRATION

Amicable Settlement the Parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of this Order or the breach, termination or invalidity thereof. Where the parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place.

16. TERMINATION OF PURCHASE ORDER/CONTRACT

In the case of failure by the Supplier / Contractor to fulfill its obligations under the terms and conditions of the Order including but not limited to failure to obtain necessary export licenses, or failure or refusal to make delivery of all or part of

the goods by the agreed delivery date or dates, **Muslim Aid Pakistan (MAP)** may, after giving the Supplier / Contractor reasonable notice to perform without prejudice to any other rights or remedies excess on or more of the following rights.

- Procure all or part of the goods from other sources, in which event **Muslim Aid Pakistan (MAP)** may hold the Supplier / Contractor responsible for any excess cost occasioned thereby.
- Refuse to accept delivery of all or part of the scope of work.
- Cancel this Order without any liability for termination charges to **Muslim Aid Pakistan (MAP)**.

Muslim Aid (MAP) may terminate forthwith this Order at any time should the mandate or the funding of **Muslim Aid Pakistan (MAP)** be curtailed or terminated in which case the Supplier / Contractor shall be reimbursed by **Muslim Aid Pakistan (MAP)** for all reasonable costs incurred by the Supplier / Contractor prior to receipt of the notice of termination.

17. INSOLVENCY AND BANKRUPTCY

Should the Supplier / Contractor become insolvent or should control of the Supplier / Contractor change by virtue of insolvency, **Muslim Aid Pakistan (MAP)** may without prejudice to any other rights and remedies, terminate this Order by giving the Supplier / Contractor written notice of termination.

Should the Supplier / Contractor be adjudged bankrupt or should the Supplier / Contractor make a general assignment for the benefit its creditors or should a receiver be appointed on account of the Supplier's / Contractor insolvency **Muslim Aid Pakistan (MAP)** may under the terms of this Order.

18. PAYMENT INSTRUCTIONS

Muslim Aid Pakistan (MAP) shall on the fulfillment of the Delivery Terms / Completion of work, unless otherwise provided in the Purchase Order/Contract make payment by cross cheque in the name of the company within thirty days of receipt of the Suppliers / Contractor invoice along with the work done certificate from the Muslim Aid Engineer and copies of any other documentation specified in the Order.

Payment against the invoice referred to above will reflect any discount shown under the payment terms of this Order, provided payment is made within the period required by such payment terms.

ANNEXURE-C (Vendor Registration Form and Instruction for completion of bid)

VENDOR REGISTRATION FORM – ANNEX C

Section 1: Company Details and General Information

1. Name of Company:

2. Street Address:

3. P.O. Box and Mailing Address:

Postal Code: City:

Country:

4. Tel: 5. Fax:

6. Email: 7. WWW Address:

8. Contact Name and Title:

9. Email:

10. Parent Company (Full legal / officially registered company name):

11. Subsidiaries, Associates - name, city, country (attach a List if necessary):

12. International Offices/Representation (Countries where the Company has local Offices/Representation):

13. Type of Business (Mark one only):

Corporate/ Limited: Partnership: Other (specify):

14. Nature of Business:

Manufacturer: Authorised Agent: Trader: Consulting Company: Other (specify):

15. Year Established: 16. Number of Full-time Employees:

17. Licence no./State where registered: 18. VAT No./Tax I.D.:

19. Technical Documents available in:

English French Spanish Russian Arabic Chinese Other (specify)

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20. Working Languages:

English French Spanish Russian Arabic Chinese Other (specify)

21. Bank Name:

22. Branch Name:

Routing Bank details (if applicable): full details to be provided as per above

Section 2: Banking Information

23. Branch Address:

24. Tel. number:

26. Account Name: Swift/Bank

Fax number:

27. Bank Account Number:

28. Identifier Code (BIC):

29. Account currency:

30. International Bank Account Number (IBAN):

Section 3: Technical Capability and Information on Goods / Services Offered

32. Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (please provide a Copy of your latest Certificate):

33. For Goods only, do those offered for supply conform to National/International Quality Standards?

Yes

No

34. List below up to a maximum of ten (10) of your core Goods/Services offered:

Description (one Line for each Item National/International Quality Standard to which Item conforms)

Section 5: Official not to benefit

38. By signing this VRF, potential vendors confirm that they have read, understood and will comply with the MUSLIM AID policy on the “zero tolerance” that strictly prohibits the acceptance of any type of gift and/or hospitality by MUSLIM AID

Yes No Any breach of this clause may lead to the termination of all contracts your Company may

Name:
Functional Title:
Signature:
Date:

Please courier the completed BID documents to:

Procurement Department Muslim Aid

Plot # 1, First Floor, Executive Business Centre, Main Double Road, FECHS,

E-11/2, Islamabad

INSTRUCTIONS FOR COMPLETION OF BID

The form should be typewritten in uppercase and completed clearly and accurately ensuring that all questions are answered. The numbers below correspond to item numbers on the registration form:

Section 1:

1. Full name of company.
2. Full street address.
3. Full mailing address (including P.O. Box, if any).
4. Telephone number, including correct country and area codes.
5. Fax number, including country and area codes.
6. Email address.
7. WWW Address.
8. Provide name of person (including title) or department to whom correspondence should be addressed.
9. Provide email address of contact person.
10. Full legal name of parent company, if any.
11. Please provide, on a separate sheet, if necessary, names and addresses of all subsidiaries & associates if any.
12. Please provide countries where the company has local offices or representation.
13. Please tick one box. If other; please specify.
14. Please tick one box. If other; please specify. If the company is a manufacturer of some products and a trader/agent of others which they do not manufacture, both boxes should be ticked.
15. Indicate the year in which the organization was established under the name shown in Item 1.
16. Indicate the total number of full-time personnel in the company.
17. Provide the license number under which the company is registered, or the State where it is registered.
18. Provide the VAT number or Tax I.D. of the company.
19. Please tick the boxes for which languages the company is able to provide technical documents. Please specify other languages.
20. Please tick the boxes for which languages the company is able to work in. Please specify other languages.

Section 2:

21. Full name of bank.
22. Name of branch.
23. Address where branch is located.
24. Telephone number, including correct country and area codes.
25. Fax number, including country and area codes.
26. Number of the company account.

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27. Name in which the account is held (**important:** this should be the company name).
28. Currency of the account.
29. Swift code for the account.
International Bank Account Number (IBAN).
30. Should a routing be required for international payments, please provide full details of intermediate bank(s).

Section 3: (Documents to be submitted with Bids)

31. Pakistan Engineering Council Certificate (Validity)
32. NTN certificate
33. Statement of work
34. Company Key personal staff for this project
35. Work Plan for the construction of civil work
36. Construction Equipment list
37. Proof of Similar Project executed for last five years (List plus POs)
38. Project in Hand (List plus POs)
39. Financial Statement
40. Affidavit showing that the company is not involved in any litigation.
41. General Reputation (Provide the evidence of completion certificates of at least two previously completed projects of clients)

END