



**REQUEST FOR PROPOSAL (RFP)
FOR
THE CONSTRUCTION OF ABLUTION WATER REUSE SYSTEM AT JAMIA MOSUQE,
UNIVERSITY OF THE PUNJAB, LAHORE.
UNDER
COMMUNITY WATER STEWARDSHIP: REPLENISHING THE GROUNDWATER
RESOURCES IN LAHORE**

Opening date: 15-08-2022
Closing date: 22-08-2022

WWF-Pakistan under National Competitive Bidding (“NCB”) has a requirement for the services of one qualified contractor to provide services for the for the construction of ablution water tank at Jamia mosque), university of the Punjab, Lahore in the mission for Recharging and augmenting the depleted groundwater aquifer of Lahore area to implement water stewardship in Ravi Catchment by water replenishment techniques.

The Scope of work broadly includes the procuring of filter material, drilling, installation of Recharge Wells and construction of storage tank along with its chamber as mentioned in Annexure-A (Drawings) and Annexure-B (BOQs).

Interested companies/contractors meeting the following criteria should respond and submit the proposal in a sealed envelope through courier or by-hand by **22 August 2022** to:

**Younas Awan
Manager Admin
WWF-Pakistan
Inside Ali Institute of Education, Ferozpur road, Lahore.**

For any queries, please write to wwfadmin@wwf.org.pk and sahmad@wwf.org.pk or visit our website # https://www.wwfpak.org/jobs_/procurement_of_goods_and_works/

Requirements:

1. Minimum (03 – 05 years) of experience in providing General Civil and plumbing Works
2. Should have at least completed 3 - 5 General Civil/ Construction Related Projects.
3. Be able to demonstrate working ability under the COVID-19 (Corona Virus) circumstances as per the construction works guidelines issued by the Government of Pakistan.
4. Should be able to follow all the required Health, Safety and Environmental (HSE) protocols, as specified under the WWF-Pakistan HSE safeguard policy.
5. Should be able to comply with all the national and provincial construction standards and labor protocols.
6. Any other additional related work will be charged as per market rates.

Proposal submission requirement

Technical proposal of work scope

Financial proposal with unit rates and total cost of work that should be filled in the table provided below against the given quantities (Cost must be exclusive of all taxes).

Company Profile

Following additional documents are required and would be used for **Technical/ Financial Evaluation:**

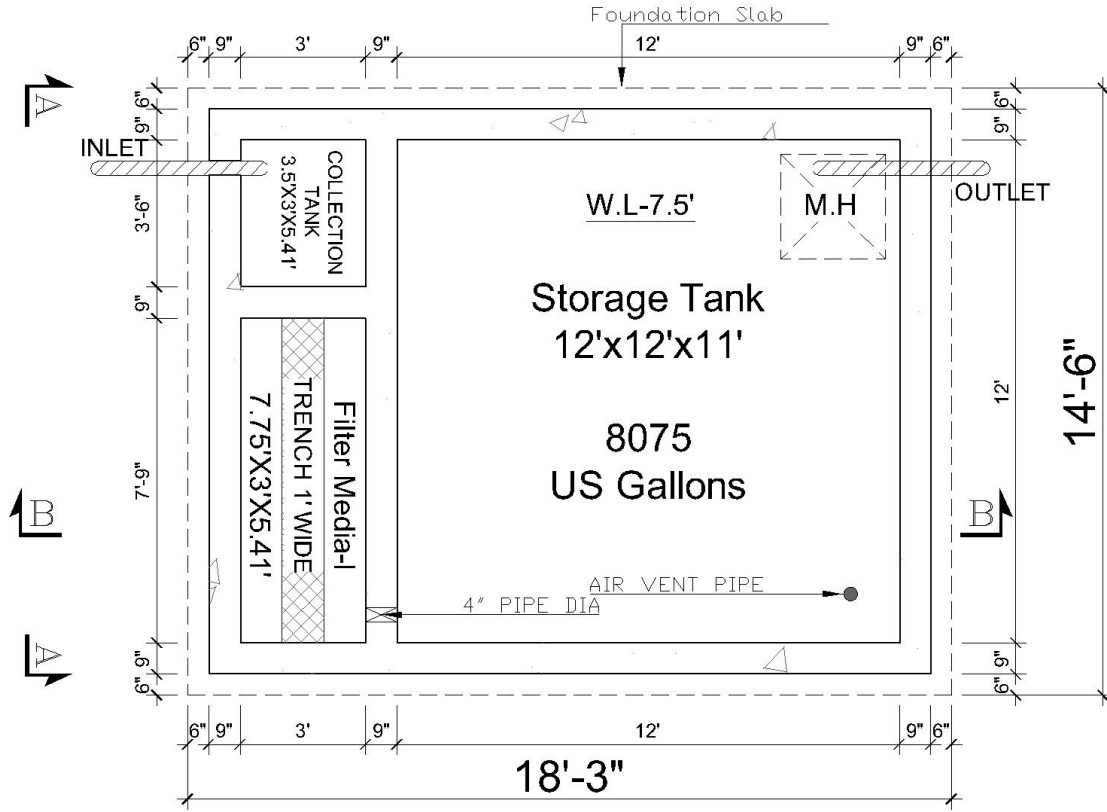
- 1) Covering Letter;
- 2) Copy of Company Registration Certificate;

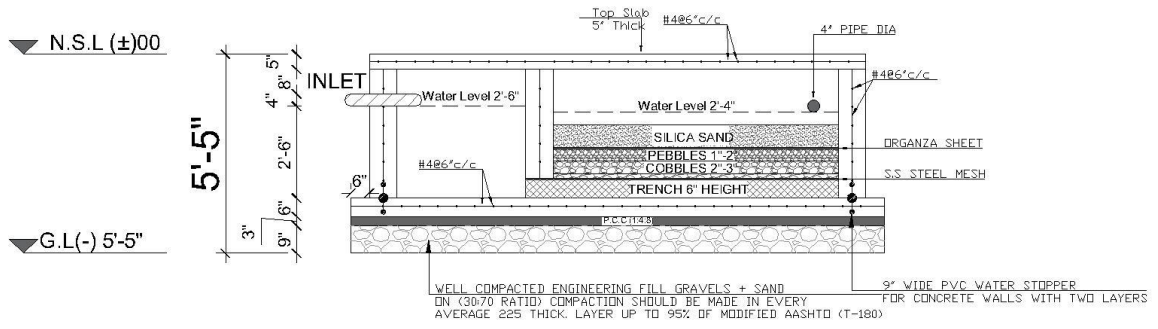


- 3) Copy of valid NTN Certificate;
- 4) Copy of valid Sales Tax Registration Certificate (if applicable);
- 5) Copies of certificate of professional / technical association;
- 6) Complete Profile / Introduction of Organization (including name of Chief Executive, Partners, Professionals, etc.);
- 7) Financial Soundness Proof (Bank Reference or Bank Statement or Audited Report / Accounts);
- 8) Copy of any international / local affiliation (if any);
- 9) Copy of ISO 9001 / 2000 Certificates / local and international standards (if any);

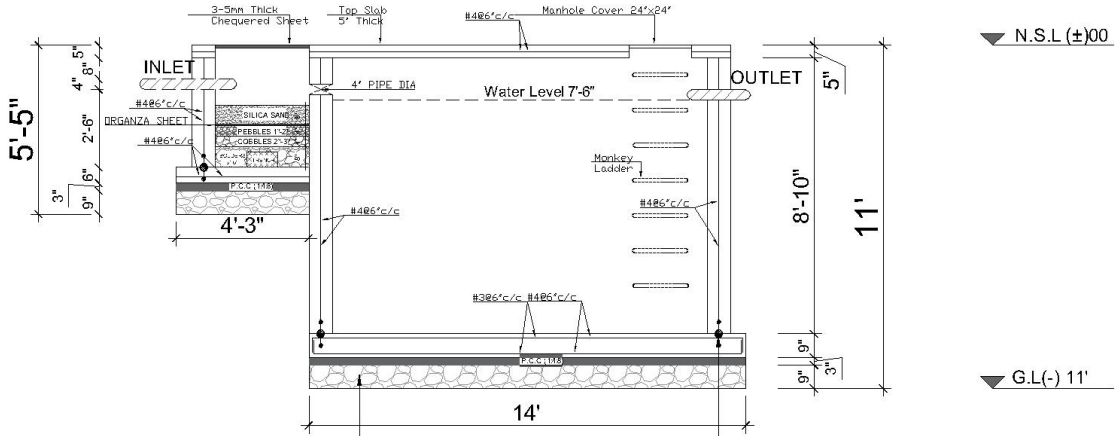


ANNEXURE-A



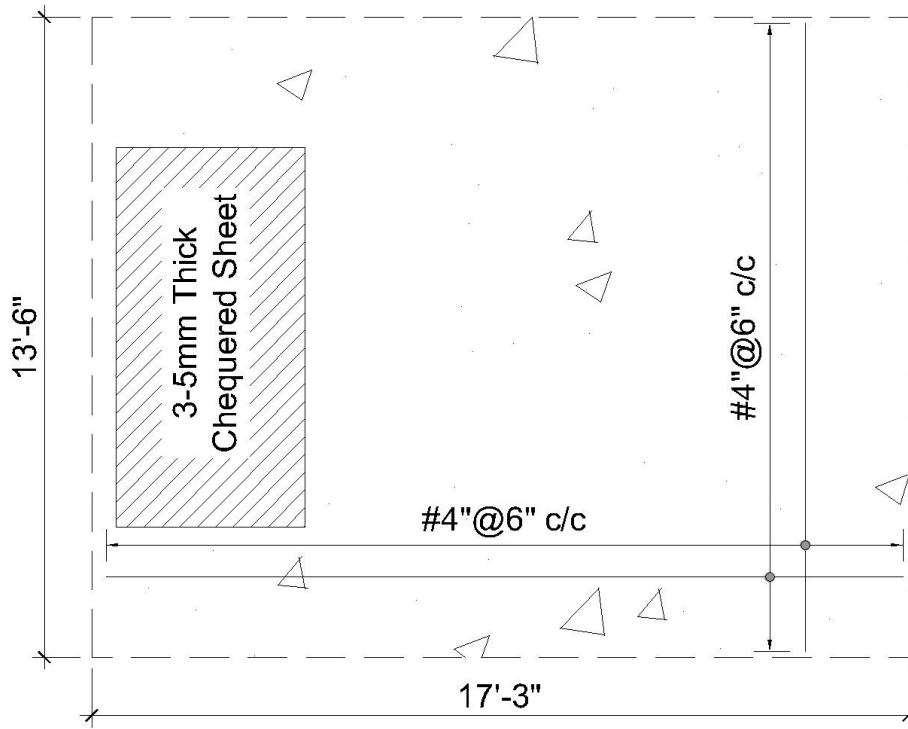


SECTION A-A



WELL COMPACTED ENGINEERING FILL GRAVELS + SAND ON (30:70 RATIO) COMPACTION SHOULD BE MADE IN EVERY AVERAGE 225 THICK LAYER UP TO 95% OF MODIFIED AASHTO (T-180) FOR CONCRETE WALLS WITH TWO LAYERS

SECTION B-B



Top Slab



ANNEXURE-B

WWF-PAKISTAN						
ABLUTION WATER REUSE SYSTEM						
Ref. Spec.	Item Description	Unit	Quantity	Rates		Amount
				Figures	Words	
1	<u>EARTHWORK</u>					
(i)	Excavation for foundation, footing of columns, retaining walls plinth beams etc. in all kinds of soil including layout of building and maintaining suitable control points, backfilling with suitable soil, compaction up to 95% dry density, watering, leveling, dressing and disposal of surplus material outside the project limits in accordance with the local authorities requirements, complete in all respects as per drawings, specifications and to the approval of the Engineer.					
(ii)	Excavator Excavation up to any depth upto ----- or as shown on drawings.	Cft	5,458			-
(iii)	Backfill with selected granular material received from excavation around foundations and footings upto ----- or as shown on drawing.	Cft	3,499			-
(iv)	Disposal of Surplus Excavated Soil from site	Cft	1,959			-
2	<u>FILLING, COMPACTION AND TESTING</u>					
(i)	Supplying and filling with suitable soil in layers not exceeding 8" in thickness in depressions, around retaining walls, under floors, footing of columns, etc. with selected granular material having minimum value of CBR 6 and maximum Plasticity Index of size (6) as determined by AASHTO T89 and T90, leveling, dressing, watering and compacting up to 95% modified AASHTO dry density and disposal of surplus excavated materials out side or within the premises, complete in all respects as per drawings, specifications and to the approval of the Engineer and Local Authority's requirements complete in all respect as per specifications and to approval of the Engineer.					
(ii)	Compaction	Sft	265			-
(ii)	70% local sand and 30% gravel or Brick balast	Cft	198			-
3	<u>TERMITE CONTROL</u>					
(i)	Providing and applying Anti termite by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturers specifications, at the bottom at site of columns foundations, trenches before laying of PCC 1:4:8. The Contractor Will be Required To Furnished 10- Years Grantee Of the Termite Proofing Works.	Sft	592			-
Total Collection						-



4	STEEL REINFORCEMENT					
(i)	Providing fabricating and laying deformed steel reinforcement bars AFCCO, or approved equivalent conforming to ASTM-A-615, with granted minimum yield stress of 414N/mm ² (60,000 Psi) reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire labor charges for binding of steel reinforcement (also include removal of rust). Providing and fixing of steel Dowels drilling in columns, beams and others structures Up to 9 inches deep using Confix AG High Strength Epoxy grout make by Radiant Construction Technologies or approved equivalent as per specification and depth of drilling as per drawing.					
(ii)	In B.F , G.F & F.F					
(ii) a	#3 dia	Kg				
(ii) b	#4 dia	Kg	1,457			-
(ii) c	#5 dia	Kg				
(ii) d	#6 dia	Kg				
5	CAST IN PLACE CONCRETE					
(i)	Providing, mixing, laying and compacting plain cement concrete having minimum cylinder compressive strength as specified below at 28 days under foundations, grade slab and walls at any level, using Ordinary Portland Cement, local Chenab sand from approved sources and crush of nominal size 1 inch including curing, necessary water tight form work, complete in all respects, as shown on drawings, specifications and all to the approval of the Engineer.					
(ii)	PCC 1:4:8 Under in Foundation slab as shown on drawings.	Cft	67			-
6	Providing, mixing, laying, vibrating and curing water tight reinforced cement concrete with minimum compressive cylinder strength of 4000 PSI at 28 days at any height /floor using Ordinary Portland Cement (Sand consisting of 100% Lawrancepur, Margalla crushed stone ¾ inches down – by volume) including the cost of water tight form work and approved admixture @ ()Kg per bag of cement but excluding the cost of reinforcing steel, complete in all respects as shown on drawings, specifications and all to the approval of the Engineer.					
(i)	Ditto of above item # 2.2 , 2.3 but for 3750 PSI minimum compressive cylinder strength at 28 days (mixed by weight batching plant)					
(ii)	R.C.C (1:2:4))	Cft	631			-
Total Collection						-
7	PVC Water Stopper					
(i) a	Supply, install and laying best quality 9" wide PVC water stopper for concrete walls with two layers of water stopper as shown on drawings, specifications and approval of the Engineer.					
(i) b	In retaining wall /Tanks Inner Wall	Rft	79			-
8	Paint Work					
	Inner Side & Outer Sides	Sft	466			-
9	Manhole Covers					
(i)	Supply, fabricate and install stainless steel sheeted man hole covers with frame conforming to ANSI Type 304, satin finished fabricated from 16 SWG sheet and 8 SWG frame including fittings and fixing accessories complete as shown on drawings, Specifications and approval of the Engineer.					
(ii)	24"x24" Internal dia Manhole Covers for Water Tanks (If Required)	No.	1			-
10	Monkey Ladders					
(i)	Supply, fabricate and install in position M.S steel monkey ladder with frame conforming to satin finished fabricated from 16 SWG pipe and 14 SWG frame including fittings and fixing accessories complete as shown on drawings, Specifications and approval of the Engineer.	Rft	9			-
11	PVC PIPE					
(i)	Providing, laying, cutting, jointing, testing and disinfecting UPVC / HDPE pipes line in trenches, with socket joints, complete in all respects.	Rft	26			-
12	MS Chequered Sheet (4'x8')					
(i)	Providing and fixing 3 to 6mm thick M.S sheet with supporting angles and rods including fixing accessories complete in all respect.	No.	1			-
13	Silica Sand	Cft	16			-
14	Pebbles 1"-2"	Cft	8			-
15	Cobbles 2"-3"	Cft	8			-
16	Bolders 3"-6"	Cft	16			-
17	316 S.S Mesh (1'x7')	kgs	20			-
Total Collection						-

18	INNER SIDE ChipSing					
(i)	Terrazzo is a composite material, poured in place or precast, which is used for floor and wall treatments. It consists of chips or other suitable material, poured with a cementitious binder (for chemical binding), polymeric (for physical binding), or a combination of both. in accordance with the specifications and to the approval of the Engineer.					
(ii)	Ratio (1:2)	Sft	723			-
Total Collection						-
19	PORTLAND CEMENT PLASTER					
(i)	Supplying and applying cement sand plaster on concrete or masonry surfaces, of a minimum thickness as specified below, using ordinary Portland cement sand machine mixed mortar and adding high strength polypropylene fiber in accordance with the written instruction of the manufacturers. Fixing of 1 mm thick metal lathe having 150 nets per m ² at all joints and MEP cut outs. Use G.I. corner beads at all corners and plaster stop beads as required. Scratching of under layers, toweling to a smooth final layer unless noted otherwise, including scaffolding, complete in all respects, in accordance with specifications as shown on drawings and to the approval of the Engineer.					
		Sft	548			-
Total Collection						-
Total Collection of Civil Works						-